Rhodes Group

FAST Platform Reference Manual

Version 00

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THIS USER GUIDE WAS CREATED USING MADCAP FLARE.

TABLE OF CONTENTS

Introduction

This reference manual provides a wide variety of reference material for the FAST software.

Who is this manual for:

- system administrators
- advanced users

What kinds of information will you find here:

- administration or maintenance functions
  - user login and permissions and how to setup for each user
  - system parameters; configurations, settings, permissions. Settings that affect how the application functions
  - rules implementations
- workflows; what they are, how you can change them and how they affect how the application functions
- table and field names and definitions
- sql statements and examples and what they are used for
- troubleshooting

How to use this manual:

- look in TOC and Glossary to find table names and/or specific other words
- look in SQL Statement section
- how to use this content to make customized user guides
  - which sections should go in the customized procedures for end-users
  - how to modify tables in Microsoft Word to customize the screen fields and button actions
  - how to create a PDF in Word 2013 or later

- WHAT ELSE??

How to Use This Manual

All the things you need to know how to use

How to Create a User Guide

The Word docs need to be changed for your custom system.

Remember to delete or replace the mini-TOCs with your own TOCs

How to Use Word Tables

- how to change table, insert/delete rows

- change table style/color -- one click on the table + will get the whole table across all pages -- true??

Shared Documents

>>> Need to manual keep this H1 level TOC up-to-date

The Word documents contain all necessary images.

Content	Download
Table of Contents for complete manual	Rhodes WORD Target.doc contains links to all following files.
Introduction	Introduction.doc
How to Use This Manual	How_to_Use_This_Manual.doc
How Things Work	How_Things_Work.doc
Getting Started	Getting_Started.doc
System Applications	System_Applications.doc
Administration and Maintenance Application	Administration_and_Maintenance_Application.doc
Administration	Administration.doc
Functional Rules	Functional_Rules.doc
Permission Tables	Permission_Tables.doc
Permission Definitions and Settings	Permission_Definitions_and_Settings.doc
CS Tools RRE Permissions	CS_Tools_RRE_Permissions.doc
Table Definitions	Table_Definitions.doc
Orders - FAST Application	Orders___FAST_Application.doc
FUSION Application	Fusion_Application.doc

Content		Download
Appendix		Appendix.doc
Glossary		Glossary.PDF provided as PDF file only, full glossary

How Things Work

For the Lab Admin -- how things work:

- to config system, settings, perms, rules
- to config users
- to understand data and tables; data storage and access
- to create User Guides
- permissions and their effects
- table relationships
- FO_LabInfo
- CS Tools and Maintenance

WHAT ELSE??

How to use glossary (online snippet)

How to search glossary (online snippet)

How to search everything in doc (online snippet)

How to used manual (online snippet); for Online, Word and PDF

How the web works: (or should this be in the Getting Started section??

icons, buttons, dropdowns, expand/collapse icon and all expand

how to use left nav, resize width, left/right arrow for close/open.

see left nav tabs - what they mean -- where can do a glossary search why do you care......

System config/setup process in general

- for all codes and permissions

- user setup

- for all maintenance functions; especially Things do 1st and ongoing maintenance

>>> MAKE LISTS OF: [any way to use the TOC for this??]

- Shared documents

- Shared images

Search

Merge

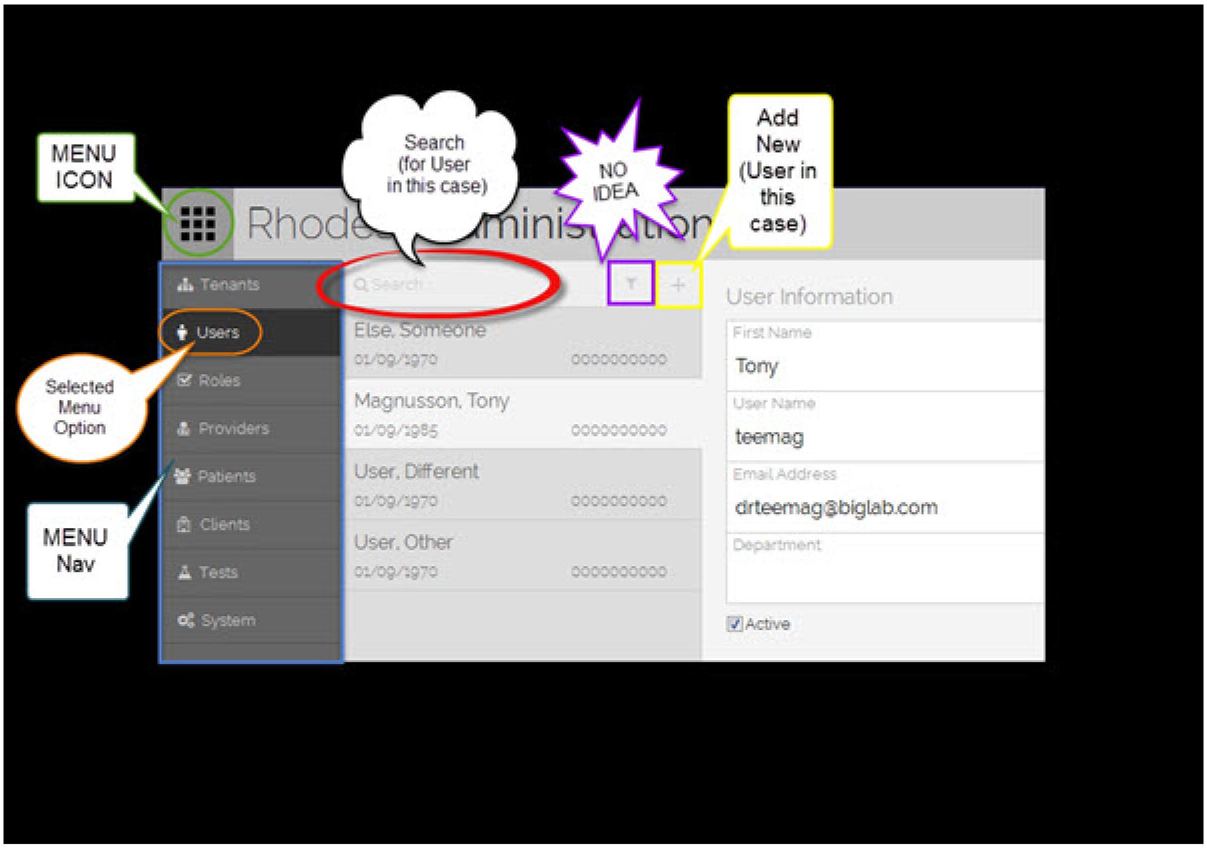
Reports

Getting Started

The FAST software is a web-based application. The general navigational controls in the next three sections will need to be revised. This is just an example for the doc.

Navigation and Keyboard Use

also see the SnagIt stock stamps



- Arrow buttons - Left and right move cursor within a data field; up and down are non-functional.
- Enter - Moves cursor to the next point of focus, a button or data field.
- Tab - Moves cursor forward to next point of focus, a button or data field.
- Shift-Tab - Moves cursor backward to previous point of focus, a button or data field.
- Backspace - Deletes one character at a time to the left of the cursor.

- Delete - Deletes one character at a time to the right of the cursor.
- End - Moves cursor to end of current data field entry.
- Home - Moves cursor to beginning of current data field entry.
- Page Up / Page Down - Non-functional.
- Hot Keys: Underlined letters in Buttons and Field names allow the User to navigate to that control by pressing the ALT key and the underlined letter at the same time.
- Camera- This button is present on many screen and provides User with ability to take a screen shot of current display.

If you see this icon,  , it means to open the link in a new window. In the example below, you may open the FO_LabInfo table in the current window by clicking on the link or in a new window by clicking on the icon,  .

See more information on the FO_LabInfo on page 35 table.

Everwhere

Button	Action
Cancel	Click **Cancel** to exit this screen without saving any changes and return to the previous screen.
Save	Click **Save** to save all data on this screen and return to the previous screen.

Check box fields are toggles. Click a clear check box to check it. Click a checked box to clear it.

Screen Controls

also see the SnagIt stock stamps

The application uses several types of standard web screen controls. The most common are as follows:

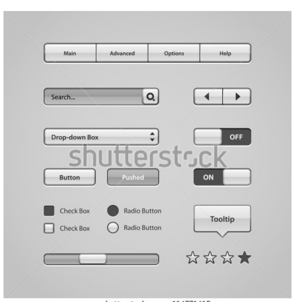
In new SW, find all of these elements, get a graphic and explain how they work.

Including drop-down list, combo box, multi-select combo box

(combo box allows user to enter their own value)

https://www.cs.tut.fi/~jkorpela/forms/combo.html

multiple select combo box: http://www.w3schools.com/tags/att_select_multiple.asp



- **Buttons**
  - **Click with the left mouse button to activate.**
- **Spread Sheets**
  - **Several screens support spreadsheets that display row and columns of information.**
  - **Some of these allow the User to sort by column by pressing on the heading.**
  - **Some allow the User to edit fields in a column.**
  - **A row generally can be highlighted by clicking on it and un-highlighted by pressing the space bar when highlighted.**
- **Drop-Down field**
  - Allows you to choose one value from a list of values. After selection, that value remains displayed until changed.
  - Display the drop-down list from which to choose by clicking on the XXX arrow at the right of the field.
  - **Allow the User to fill a field by using the arrow on the right hand button to pick from a selection.**
  - **Typically they show many fields but select only using one.**
  - **Some support hover over to display additional information such as the coded element of a description.**
- Combo Box, drop down field
- **Entry Field**
  - **Allows you to enter or edit information.**
  - **Yellow fields are mandatory.**
  - **Blue fields are important entry points.**
  - **The TAB key is used to navigate between fields.**
  - **Hot keys assigned to fields may also be used to access them.**
  - **The Mouse may be used to click the cursor in a field.**

- Semicolon is override entry for some mandatory fields so process is not stopped when information is missing. The value is not stored.

- **Mask Controls**
  - **Guide you to properly format the entry for a field.**

Mask Control Parameters

Mask Controls support the following parameters.

MASK CODE	DESCRIPTION
	No mask codes represent the absence of any formatting control
#	For digits 0-9
@	Allows any text character A-z and space
*	Allows any character
\	Put in front of a code to actually show the code on the field
Any Other	Becomes part of the display on the field

For example:

Use ##### (five pound signs) to allow up to five numbers to be entered.

Use @@## to allow two letters and two numbers.

Use (###) ###-#### to display 2 parenthesis to create a telephone format.

How to Use Online Search and Concepts

Delete this text and replace it with your own content.

System Applications

The FASTPlatform Suite is composed of several code modules. Each module contains a distinct set of functions to accomplish specific tasks.

After login the 3x3 has Admin, Orders and CCC items.

App, the 3x3 has functions per what the client has purchased, and or the user permissions. Including Admin may have permissions to some things to admin but may not be able to use those same things....

Need to doc all the possible 3x3 functions/apps/modules

Orders, Results, Lab Analytics, Claims, Financial Analytics, XXX, ZZZZ, YYYY

3x3 Icon is the following:

Home	Orders	Results
Lab Analytics	Billing	Financial Analytics
Targeted Interventions	Facilitated Follow-up	Health Risk Assessment

Make all of these xrefs to the H1 sections of the manual

From KB:

Orders...FAST

Results...Parts of CSTools but not sure if all of it

Lab Analytics...GUESSING Scholar Clinical Module

Billing.....guessing FUSION..which is bad name as Billing I really a separate non Rhodes application

Financial Analytics...Guessing Scholar Revenue Module

Targeted Interventions...seems like New product called DxOp or diagnosis Optimization

Facilitated (Follow-up)....no idea

Health Risk Assessment...also seems like New product called DxOp or diagnosis Optimization

Have not talked to you about Scholar as I was not aware that was on radar for redevlopment this go round. Just FAST , CSTools and Fusion was first stab.

How does the Home look like an app/module, which is the R1C1 item on the 3x3

call them Apps or Modules ????

and where do all of these modules fit in??

Administration App (do an xref for each app/module name)

Platform Module

The Platform module is the underlying container of logic required for all the other modules to operate. It contains the Security and Rules Engine components and the Platform Tool Bar functionality.

Registration Module

This module is created to accomplish patient registration tasks. It contains functions to search, create and their demographics. It also allows linking of patient demographics to the other modules and seamlessly integrates itself to the Platform. Finally, it provides order summary functions for billing staff.

Fast Orders Module

This module contains all the detailed order functionality. It links to the Fast Registration and Fast Episodes Module and also links to Interfaces Components.

Fast Episodes Module

This module is utilized to review and create patient episodes. Episodes may be created from the Fast Reg or Fast Orders Modules.

User History Module

The User history module allows for customized searching and display of User related events. The User events are time stamped events that the application records as a User navigates through the Platform. The table FO_UserHistory_Event_Definition provides a list of events that can be written and describes what action triggers the event to be recorded.

Interfaces Module

The Platform supports a variety of interfaces that link the Platform databases to external systems.

Standing Orders Module

The standing orders module allows for the creation and display of standing orders and future orders. This module integrates itself to the Fast Reg and Fast Orders modules.

Specimen Receipt Module

This module allows for quick specimen receipt and transmittal of receipt related information through interfaces.

Specimen Archive Module

This module is used to record and display specimen archive and storage related information.

Patient Messages Module

This module is used to create and display patient specific messages at different application execution points.

Patient Merge Module

This module allows the User to merge patient information.

Insurance History Module

This module allows the User to interact with the historical listing of insurance changes for a particular patient.

File Maintenance Module

This module allows link to CSTools Maintenance for Client, Provider and Specimen List Management definitions.

Administration and Maintenance Application

The administration and maintenance functions cover all the configurations, settings, rules and permissions that need to be established to operated system applications.

This manual covers all available applications and modules.

Your company may not have purchased all applications or modules.

Administration

This section covers setup for: [make all of these xrefs to their sections]

- Clients
- Client Groups
- Containers
- LOINC
- Patients
- Providers
- Roles
- Specimens
- Storage
- System Parameters
- Tenants
- Tests
- Users

Administration Tools

The administration section contains information and instructions for system configuration and maintenance.

Many tasks covered in this section must be completed before using the FAST application. They are indicated by a Do First graphic, 1st!.

Other maintenance tasks are on-going as you add new users, patients, or providers to the system.

Some tasks are configurations which may be changed as you change your work processes.

Be sure to read the Getting Started section so that you understand how to navigate the application and how to manage and save data.

Role Maintenance

This maintenance screen is used to

- create a user role
- edit a role
- deactivate a role without removing it from the system
- delete a role (???), can a role be deleted, how?

You must create a new role and assign one or more permissions to that role before the role can be assigned to a user.

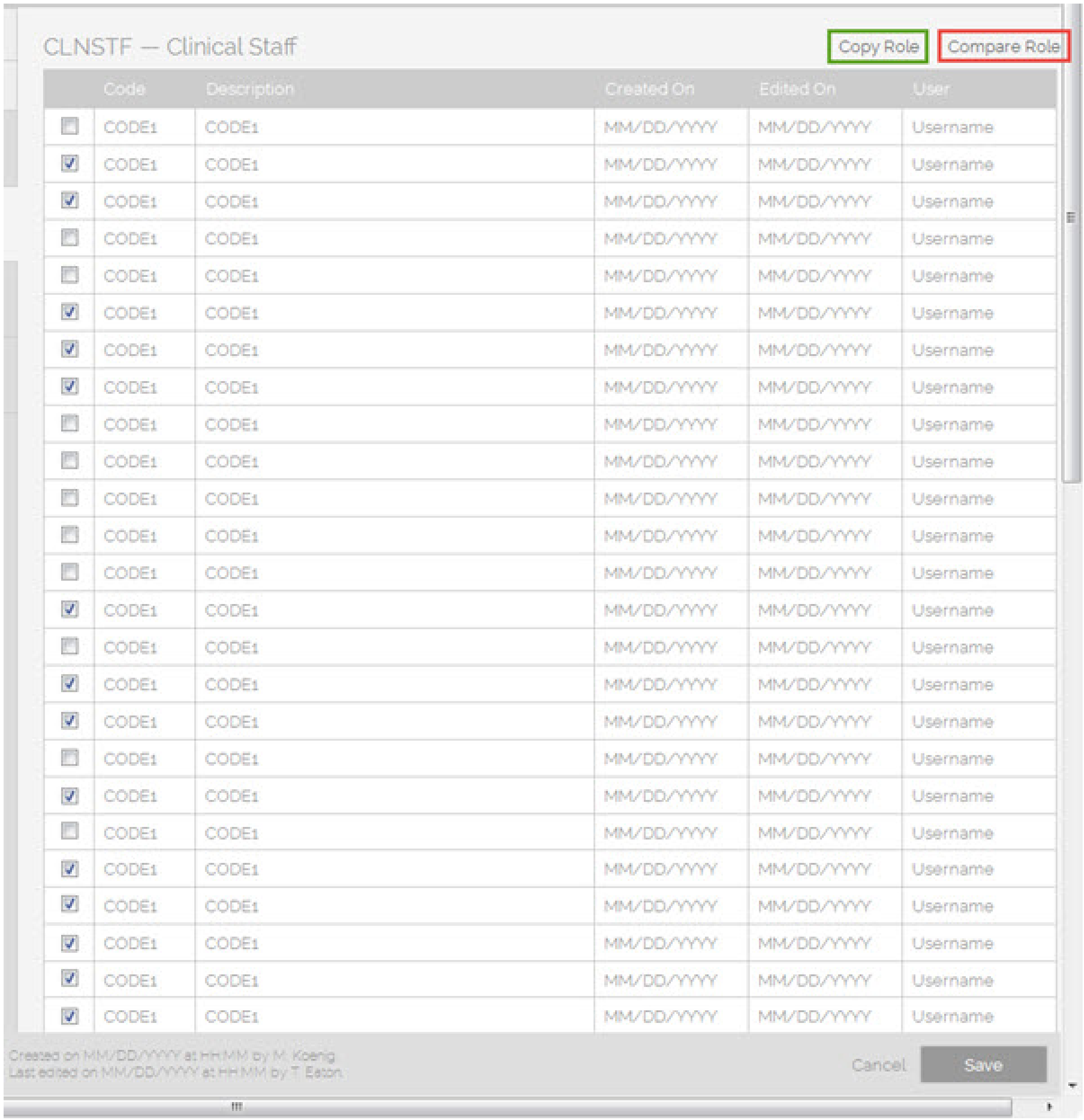
Each record in this table represents a single role. Each role may have one or more permissions assigned to it.

Role data is saved in several database tables. See User Definitions on page 20 for more information on tables, fields and definitions.

Role Maintenance Screen

The Role Maintenance screen provides a way to define roles and attach permissions to those roles.

Notice the Copy Role and Compare Roles links which provide additional functionality.



Role Maintenance Screen – Field Notes

Role Maintenance Screen -- Field Notes	
Field	**Definition and Requirements**
>>>>>	GET ACTUAL ROLE Fields for this table.
Last Name	Enter user's last name.
User Name	Enter a user name for this user.
Timeout (in minutes)	Enter an integer for the number of minutes of inactivity after which the user will automatically be logged out.
Email Address	Enter a valid email address for this user.
Phone Number	Enter user's phone number. (is there a format mask?)
Department	Enter user's department (code?).
Manager	Enter user's manager (code?).
Active check box	Select, or check, this box to activate the user. Clear, or uncheck, this box to deactivate the user. The user record will remain in the system and can be reactivated at a later time.
Reset Password link	Click this link to reset user's password.
Application Settings	
Orders check box	(some kind of permissions setting?)
Results check box	(some kind of permissions setting?)

Role Maintenance Screen -- Field Notes	
Field	**Definition and Requirements**
Billing check box	(some kind of permissions setting?)

Role Maintenance Screen - Button Actions

Button	Action
Cancel	Click **Cancel** to exit this screen without saving any changes.
Save	Click **Save** to save all data on this screen.

User Maintenance

This maintenance screen is used to

- create a new user and assign their initial password and permissions
- edit user permissions
- deactivate a user without removing them from the system
- delete a user (???), can a user be deleted, how?

You must create a new user and assign their permissions before that user can log into the system.

Each record in this table represents a single user. The core component of these entries is the user name and the value must be a unique entry in this table. The user name may be the user's network ID or an arbitrary name assigned by the administrator. The system is able to automatically check for the network user name that is logged in to the windows session and default it in the user login screen.

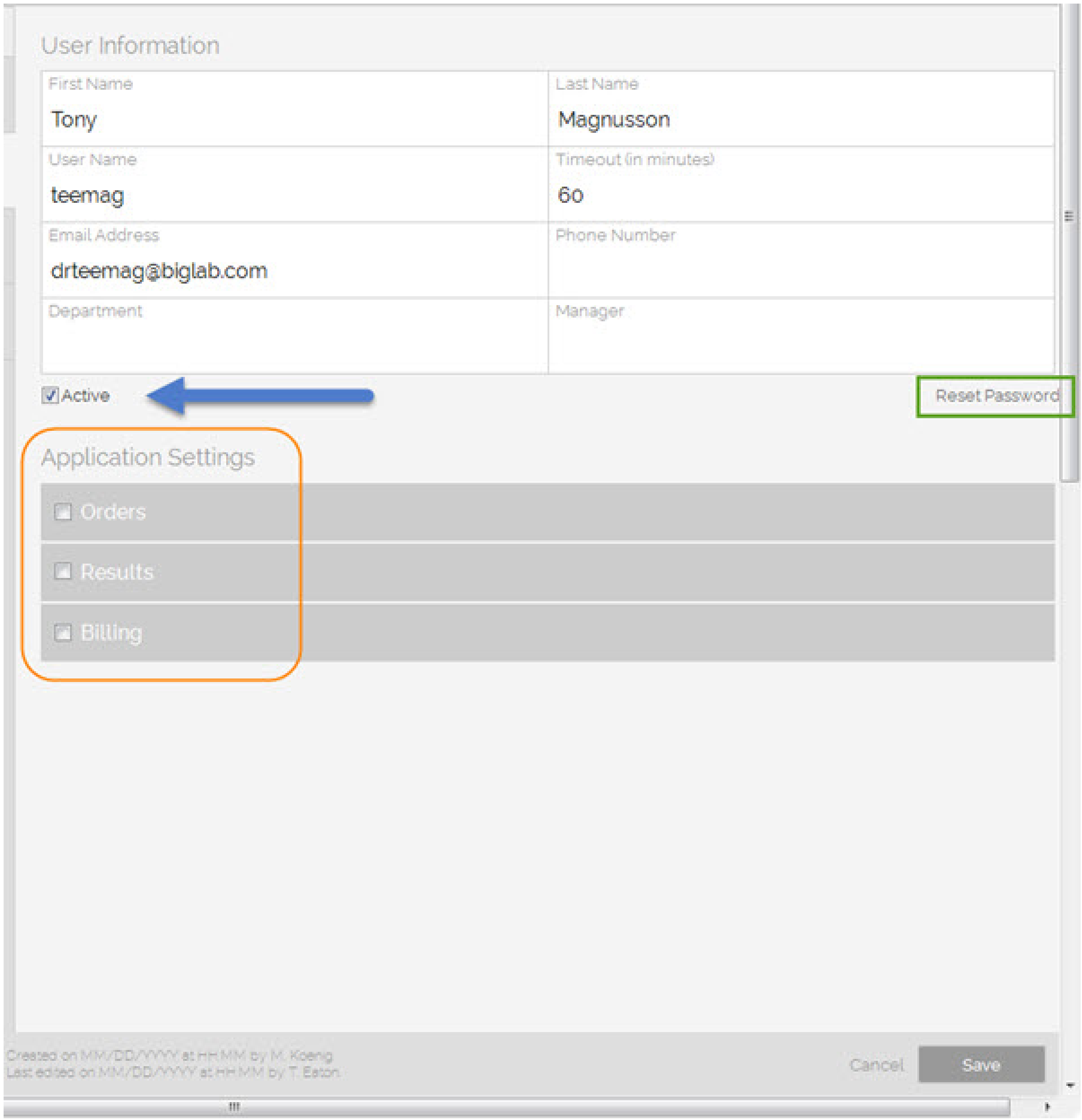
An individual may have multiple user records, multiple logins, each with different permissions. For example, you may have a user with an assignment as an administrator and an assignment as an intake clerk .

User data is saved in several database tables. See User Definitions on page 20 for more information on tables, fields and definitions.

User Maintenance Screen

The User Maintenance screen provides a way to enter basic user information such as name, user name and email address, to mark the user as active or inactive, assign permissions and reset the user's password.

Notice the Active check box, the Reset Password link (or button?) and the Application Settings check boxes which assign specific sets of permissions.



User Maintenance Screen – Field Notes

User Maintenance Screen -- Field Notes	
Field	**Definition and Requirements**
First Name	Enter user's first name.
Last Name	Enter user's last name.
User Name	Enter a user name for this user.
Timeout (in minutes)	Enter an integer for the number of minutes of inactivity after which the user will automatically be logged out.
Email Address	Enter a valid email address for this user.
Phone Num-ber	Enter user's phone number. (is there a format mask?)
Department	Enter user's department (code?).
Manager	Enter user's manager (code?).
Active check box	Select, or check, this box to activate the user. Clear, or uncheck, this box to deactivate the user. The user record will remain in the system and can be reactivated at a later time.
Reset Pass-word link	Click this link to reset user's password.
Application Settings	
Orders check box	(some kind of permissions setting?)
Results check box	(some kind of permissions setting?)

User Maintenance Screen -- Field Notes	
Field	**Definition and Requirements**
Billing check box	(some kind of permissions setting?)

User Maintenance Screen - Button Actions

Button	Action
Cancel	Click **Cancel** to exit this screen without saving any changes.
Save	Click **Save** to save all data on this screen.

Functional Rules

This section covers the Fast Platform Rules and specifics on the Fast Platform Rules Engine.

What's included:

- How rules work [K -- rules are instructions for how things work, they define functionality and business logic. 'Rules' are implemented by settings in data records and by permissions.]
- What rules control; specific items
- Rules by function, and consequences
- Rules by alpha (???)

How to use rules

Rules apply to users, generally via permissions and/or values set in the FO_Users table..... ???

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The FAST Platform Rules engine contains both Maintenance driven rules and User level keyword (Permission) rules. The permission rules are listed in the FO_Permissions table and are attached to User groups maintained in the FO_PermGroups table.

Battery Test Components Duplication Exclusion Rule

This rule provides a way to disqualify a test battery from being checked for duplicate components.

To activate this rule, you must:

- add the lab department for exclusion to the excluded department list by using the `FO_LabInfo.TestCompDupExcludeDept` field. This field may have multiple valid lab department codes, separated by commas.

If the `FO_LabInfo.TestCompDupExcludeDept` is blank, the system defaults to the departments 'MC,BB,CY'.

If the `FO_LabInfo.TestCompDupExcludeDept` contains an invalid lab department code then no tests will be checked for duplicate components. Make sure you only use valid lab departments codes in the `FO_LabInfo.TestCompDupExcludeDept` field.

See FO_LabInfo on page 35 for more information about field definitions and allowed values.

Client Visit Rules

This rule provides a way to turn on the CV#, client visit number, field on the order screen and on the client-driven order screen. (If an edit mask is assigned, does the CV# becomes a required field. ????)

This field relates to the concept of a foreign episode ID. The CV# field links an order to a foreign episode identifier or foreign account number, as provided by a lab client.

This field contains the billing or episode ID from an external system. (which ID and who/what chooses which ID???)

To activate this rule, to turn on the CV# field, you must:

- assign permission clientvisitsee to a user group.
  OR
- assign a value to the `FO_Clients.ClientVisitNumber` field. This defaults the order-level field with the contents of the same field for the order client.

An edit mask format may be assigned by using the `FO_Clients.ClientVisitNumberMask` field. The mask uses the FASTstandard mask characters of # for a number and @ for a letter.

The system will display the client visit number field on the order screen if a mask is assigned in the `FO_Clients` table.

On the Order Screen:

The client visit number field, CV#, is located on the order screen next to the account number.

On the Client-Driven Order Screen, PATIENT PRESENTS WFM:

The client visit number field, CV#, is located below the client patient ID, C Pt Id, field in the middle column of the top section on the client-driven order screen.

The CV# or external client visit number can be made a required field on a per MPI Qualifier basis by:

- setting the `FO_MPI_Qualifier.RequiresExternalEpisodeID` field to 1.
- and assigning the chkmpireqcv permission.

The ability to edit a CV# after it has been entered is controlled by the `FO_MPI_Qualifier.DoNotAllowEditExternalEpisodeID` field.

You may choose to not allow edits to the CV# to prevent any change to the value sent by the external system in order processing.

(The system will display the client visit number field on the order screen if a mask is assigned in the FO_Clients table.

This sounds like the field will display and be required if a mask is assigned, whether or not the clientvisitsee permission or the FO_Clients.ClientVisitNumber field has a value. Is that true??

Does it really only mean that the field will be editable if there is a mask??

So if the permission is set does that mean that the field is visible and contains the value assigned by an external process, and the field cannot be edited??

Is a value assigned to the CV# by an external process and then this 'rule' allows

a. the user to see that value by 'turning on', displaying, the CV# field on the screen?

b. edit the externally-assigned CV# based on assignment of edit mask?

c. on the client-driven order screen make CV# a required field? [is CV# sometimes not filled in by an external process?]

)

See FO_Clients on page 3 for more information about field definitions and allowed values.

See FO_MPI_Qualifier on page 71 for more information about field definitions and allowed values.

Copy Order Rule

This rule provides a way for a previous order to be copied to a new order. One or more, or all, of the items on the list of fields below may be copied.

On the Requisition/Accession History screen, an order to be copied must be selected from the active order list. The rule is executed when the **Copy Order Info** button is clicked.

To activate this rule, you must:

- assign a value for the `FO_Users.CopyOrderFields` field to indicate which items should be copied.
- assign permission copyordinfosee to a user group. This permission displays and enables the **Copy Order Info** button on the Requisition/Accession History screen. (is this correct?)

If this rule is activated via the permission but no value has been entered for the `FO_Users.CopyOrderFields` value, a message will be displayed warning the user that "No Copy Order Fields Assigned" and the function cannot be used, nothing will be copied.

See FO_Users on page 107 for more information about field definitions and allowed values.

Copy Order Fields

The copy order field options below, set in the `FO_Users.CopyOrderFields` field, are used for the Copy Order Rule above.

An acceptable value for the `FO_Users.CopyOrderFields` field is created by a string of 1s and 0s, each 1 or 0 turning on or off an option listed below. The string should contain a number for each option below, a string of 18 characters.

Copy Order Field -- Allowed Values	
Position	**Description**
1	BILL TO field
2	Account Number

Copy Order Field -- Allowed Values	
Position	**Description**
3	Client Visit Number
4	Ordering Physician Code and Name
5	Client Code and Name
6	Copy To 1-4 Code and Name
7	Copy To Client
8	Location Code and Name
9	Order Test Codes
10	Diagnosis Codes By Test
11	Test Collection Date and Time
12	Order Level Collection Date and Time
13	Order Episode ID
14	Order Referral Information
15	Order Injury Related Data
16	Order LMP related Data
17	Test Level Questions and Answers
18	Requisition ID at Order level

For example, to turn on options 1, 2, 3, 6, 10, 11, 12, 13, 17 and 18, enter the `FO_Users.CopyOrderFields` value as 111001000111100011.

Exit Patient Screen after Save Rule

This rule provides a way to automatically exit the demographic screen after saving patient data, as if the **Exit** button was clicked.

To activate this rule, you must:

- assign permission ptsaveexit to a user group.

This action is usually occurs when the **Save** or **Verify** button is clicked, but may also be initiated by other routines. (what other routines??)

Insurance Grouping by User Rule

This rule provides a way to limit the insurances displayed for a group of users.

To activate this rule you must:

- assign permission insUsergroup to a user group.
- assign the user to a single user group using the `FO_Users.Ins_User_Assignement` field.
- assign an insurance group to a user group using the `FO_Ins.Ins_User_Assignement` field. Multiple user groups may be assigned using this field.

See FO_Users on page 107 for more information about field definitions and allowed values.

The insUsergroup permission limits the insurances displayed to the user, on the patient demographic screen, when insurances are searched. The insurances displayed are limited to those insurances in the insurance group associated to the user by their user group. In addition, any insurances not assigned to an insurance group are displayed.

This rule does not affect any insurance entries previously assigned to the patient. (Does that mean a user can search, or see in the results, previously assigned insurances regardless of the status of the insUsergroup permission for that user? Does the system really look at date/time stamps to determine which permissions were in effect for that user and compare that date/time to the patient's insurances? [or something like that?])

If the insUsergroup permission is not assigned to a user, that user may search and display any insurance.

See the APPENDIX - Insurance Grouping by User on page 2 regarding insurance grouping by user for the `FO_Users` and `FO_Ins` tables in the Appendix.

Troubleshooting: Make sure the permission is set for the user.

Insurance Ranking Rule

This rule provides a way to specify the rank of the insurance code. Rank indicates the sequence or priority of the insurance code and is Primary, Secondary/Tertiary or blank for no rank. Insurance codes with the Secondary rank may be used for either the patient's secondary or tertiary insurance.

Specification of an insurance code rank and assignment of the insrank permission to a user limits the insurance codes that may be assigned as a patient's insurance.

An insurance code may only be assigned according to its rank or priority. A primary insurance code may only be assigned as a patient's primary insurance, etc. when the insrank permission is in effect.

If an insurance code does not have a rank, it may be assigned as a primary, secondary or tertiary insurance, even if the insrank permission is assigned to the user.

To activate this rule, you must:

- assign permission insrank to a user group.
- assign a rank to an insurance code using the `FO_Ins.Ins_Rank` field. See FO_INS on page 26 for more information about field definitions and allowed values.

Any user with the insrank permission may only assign an insurance code that has the same rank, or no rank, as the field for which the insurance code is being entered. That is, only a primary, or an unranked, insurance code may be entered as a patient's primary insurance code.

If a user does not have the insrank permission, that user may assign any insurance code for any patient insurance; primary, secondary or tertiary.

A patient demographic may contain insurance code entries applied by a different user who was allowed to apply any insurance in any sequence. Therefore, the ranking rule is only applied when a new insurance is being selected for a patient.

Note: Ranking only applies to the patient demographic screen. This rule will not affect previously assigned insurances, insurances not(???) assigned by interfaces or insurances assigned by users with the right to assign any insurance.

LIS Accession Assignment Rule

This rule provides a way to assign or receive the LIS Accession and Container ID. The LIS, or lab, accession is defined as the accession number that the clinical testing system requires for operation. The lab accession number is a separate identifier from the FAST accession number and the container ID, CID, value.

FAST can be configured to create an alphanumeric accession number and export it to the LIS as its own accession number.

The Lab Accession value created in FAST can be sent across interfaces and printed in labels.

The FAST outbound interface and the LIS interfaces must be modified to export the lab accession value to the LIS. (how do we do this, to where can we refer the reader for more info about modifying the interfaces?)

With the assistance of Rhodes, the system and its interfaces can be configured to:

» create a lab accession and send it to the LIS.

» have the lab accession value sent to FAST from the LIS. (how do we do this, to where can we refer the reader for more info?)

The system can also operate in mixed mode; it can assign and receive lab accession values from the client LIS.

The lab accession assignment process is inherited by the Container Management process built into the system. FAST assigns the lab accession value as the last step of the container management process. The system provides two different options for grouping tests into an accession.

Before choosing and activating an option, you must define, enter values for, these parameters for creation of the lab accession number.

» `FO_LabInfo.LabAccessionFormat`: Defines the format for creation of lab accession values. Use the Rhodes recommended value of 1A,8N. The format '1A,8N' generates lab accessions that are one alpha character followed by 8 numeric characters.

- `FO_LabInfo.LABAccessionAlphaCharacters`: Determines which alpha characters will be utilized for the lab accession. If this field is left blank then the default is all, any, 26 letters of the English alphabet. (if this field is defaulted to all 26 letters, is there any order in which they are assigned?)
- `FO_Users.LabelExpirationSeconds`: Defines the number of seconds the system will wait for the LIS to return a lab accession value before qualifying a label to print. Enter an integer for the number of seconds. Enter a 1 if FAST will be assigning the accession number.
- `FO_MergeTable_Definition.LabAcc`: Provides a valid column name for lab accession number. This establishes an alias or cross reference for this data elements in the merge process since the same data element might be posted to multiple tables.
- Determine usage of, and use, if needed, the zerofillabacc permission. When this permission is used, the lab accession number generated by FAST will be left-zero filled, or prefixed with zeroes.

See the FO_LabInfo on page 35 for more information about field definitions and allowed values.

See the FO_Users on page 107 for more information about field definitions and allowed values.

See the FO_MergeTable_Definitions on page 68 for more information about field definitions and allowed values.

The two options for grouping tests into an accession number are shown below:

Assign one lab accession for each container ID created.

A lab accession number is created for the tests contained in each container ID, CID, when the container ID is assigned during the order process. This mode can be used when you want to create a CID-like environment on an LIS that does not support container management. (but above states that the Container management process is built into the system. are there legacy systems that don't have that process or do some sites just choose not to use it and to do this instead.) FAST ensures that each accession in the LIS matches a unique container.

The lab accession number is created when the system assigns a container ID to a test code during the order process.

> **Note:** This logic path is only activated when the system creates container ID values. If a user is not assigned permission to create containers, then that user cannot create lab accessions.

To activate this rule, you must:

- assign permission assignlabacc to a user group.

Grouping Code Lab Accessing Assignment

Create a lab accession number and group tests to that lab accession number based on a grouping code assigned at test level. (Is it true that this option also creates a lab accession number?, if not, how does it get created?)

> **Note:** This function should NOT be used if you create container ID specific lab accessions.

This function should be considered where the LIS accepts a container ID separately from the lab accession.

To activate this rule, you must:

- assign permission makelabaccgrp to a user group.
- `FO_Tests.LISAccGrpCode`: Determines how the system should group tests to a lab accession. Enter a valid grouping code. This grouping code will allow the system to group multiple containers in a single lab accession. All tests that have the same value for the `FO_Tests.LISAccGrpCode` field are grouped together into one lab accession value.

See FO_Tests on page 84 for more information about field definitions and allowed values.

Medical Necessity, LMRP Rules And ABN Rules

This rule set provides conditions that are:

- applied to Medicare and other insurances.
- applied to basic CPT/Diagnosis based LMRP calculations.
- applied to utlize combined multiple diagnosis groups.

This rule set does not apply to any Bill To that is not related to insurance, such as “Client” or “Your Office”.

The medical necessity and LMRP rule set is implemented in the rules engine through both permissions and maintenance.

See the APPENDIX - Medical Necessity, LMRP and ABN Tables Relationship on page 3 in the Appendix for the relationships between the FO_Ins, FO_Users, FO_CPTReview and FO_CPTReviewCombinedDx tables for this rule set.

To activate this rule set, you must:

1. Assign permission abnprint to a user group.
2. Enter data into the `FO_Ins` table:

   See FO_INS on page 26 for more information about field definitions and allowed values.

   - `ReviewCarrier`: Carrier code that this insurance code is associated with for medical necessity rules. Must be exactly the same as the `FO_CPTReview.Carrier` field value.
   - `UseABN`: Must be set to 1. Qualifies this insurance for LMRP checking.
   - `ReviewCPTs`: All CPT codes that apply to this insurance to check medical necessity. This set of codes are the only CPT codes checked for medical necessity and are cross-referenced to the `FO_CPTReview` table.
   - `MedNecessityFormCodes`: All form codes for the medical necessity, ABN, related forms available for printing. Skip this field to default to |ABNENGLISH|ABNSPANISH|

3. Enter data into the `FO_Users` table:

   See FO_Users on page 107 for more information about field definitions and allowed values.

   » `MedicareRegion`: The Medicare region is used as an identifying value during LMRP rules processing. It is also used to match the user to the information in the `FO_CPTReview` table using the `FO_CPTReview.Region` field value.

4. Enter data into the `FO_CPTReview` table:

   See FO_CPTReview on page 16 for more information about field definitions and allowed values.

   » Enter a record for each CPT and ICD code pair for each applicable insurance carrier and Medicare region into the FO_CPTReview table. This data updates the LMRP and NCD rules and is linked to both user settings and insurance. In each record, provide values for:

   » `CPT`: A single valid CPT code.

   » `ICD`: A single valid ICD code.

   » Carrier: A single valid insurance carrier code. This represents the insurance used for this CPT/ICD pair. Must be exactly the same as the `FO_Ins.ReviewCarrier` field.

   » `Region`: A single valid Medicare region which represents the region used for this CPT/ICD pair.

Basic LMRP Rule

To specifically use the basic LMRP rule, you must also:

A. Create a default rule, or record, in the `FO_CPTReview` table for each CPT code for the insurance carrier. The record must have specific values for:

- `ICD`: Enter |ALL|
- `Reason`: Represents the result of this rule evaluation, enter either D, E, F, or P. Enter the result reason that is most common for this CPT code. A result record will be created when the test fails LMRP checking. (does that mean that a record will be created? If so, in what table and how is it retrieved/displayed/reported?)

  Reason D: specifies a diagnosis failure.

  Reason E: specifies an experimental test failure.

  Reason F: specifies a frequency failure. Requires that a frequency count and duration in days is specified.

  Reason P: specifies that a diagnosis is payable.

B. Create a rule, or record, in the `FO_CPTReview` table for each exception to the default rule for each CPT/ICD pair related to this carrier and each CPT code in this list. (How does that manifest? Are there specific values for certain fields?)

Supporting Diagnosis Rule

To specifically use the supporting diagnosis rule, you must also:

A. Create a default rule, or record, in the `FO_CPTReview` table for the insurance carrier and for each CPT code that will have support diagnoses. The record must have specific values for:

- `ICD`: Enter |ALL|W
- `Reason`: Represents the result of this rule evaluation, enter either 1 or 2. Enter the result reason that is most common for this CPT code. The test will fail LMRP checking for all conditions not defined in the `FO_CPTReviewCombinedDx` table. A result record will be created when the test fails LMRP checking.

  Reason 1: specifies a diagnosis failure that requires supporting diagnosis combinations.

Reason 2: specifies that a frequency rule will be applied that requires supporting diagnosis combinations.

> **Note:** The `FO_CTPReview` table must only contain the default rule.

B. Create an exception rule, or record, in the `FO_CPTReviewCombinedDx` table for each exception to the default rule created above.

The frequency and duration values in the default rule are used in the calculation.

To create these rules, you must enter data into the `FO_CPTReviewCombinedDx` table:

See FO_CPTReviewCombinedDx on page 20 for more information about field definitions and allowed values.

- `Carrier`: Enter the insurance carrier code.
- `Region`: Enter the Medicare region.
- `ChargeTo`: Informational Only. (then why even mention it? Or just say "Skip this entry". Does it get filled in somehow with information? If so, what might been seen in this field and how did it get there?)
- `CPT`: Enter a single valid CPT code.
- `StartDate`: Start date/time for this exception rule. Format MM/DD/YYYY HH:MM:SS. If the actual start date is unknown, enter '01/01/1900 00:00', seconds are not required. [The FAST db schema says the default is "1/1/1900 12:00:00 AM". But it doesn't seem the seconds nor the AM/PM are required. Also could we just say "Skip this entry to default to '01/01/1900 00:00'" instead of telling the reader to type in that value. Also seems that EndDate is on 24-hr format so the AM/PM is irrelevant.]
- `EndDate`: End date/time for this exception rule. Format MM/DD/YYYY HH:MM:SS. If the actual end date is unknown, enter '12/31/2099 23:59, seconds are not required. [See comment/?? above re the FAST db schema]

- DiagnosisCode: A comma delimited set of valid diagnosis codes. Each code is a payable condition. (is this correct?)
- DiagCodingMethod: Skip this entry. Future Use. (is this correct?)

Note: A maximum of four FO_CPTReviewCombinedDx records can be created for each CPT code. (How is this enforced?)

ABN Rules

Assign permission abnprint to a user group for users to be able to see and print ABN forms.

The ABN form is formatted to allow tests with different messages to appear on separate lines on the form. Each test can have a distinct message as defined in the FO_Tests table in the ABN fields for English and Spanish for the three main failure types; frequency, diagnosis, and experimental. If no specific message is defined, the default message is printed.

Cancelled tests will be blocked from ABN/medical necessity form printing.

See FO_Tests on page 84 for more information about field definitions and allowed values.

Multiple Fee Schedule Function Rules

The multiple fee schedule function provides a way to define one or more fee schedules tied to the Bill To options of client code, insurance code, patient (default) and cash.

A fee schedule is defined as a collection of records that assign CPT codes and prices for each test code in the system.

The FASTfront-end is not meant to be a billing system, so we assume that fee schedule data will be downloaded from the Claims (FIN) system using customized user created routines. Manual entry into the corresponding tables is also possible. FASTdoes not have fee schedule management tools since it is not a primary claims environment.

The multiple fee schedule function associates specific fee schedule codes as defined in the `FO_LISxHIS` table to predefined Bill To, charge to, values. The FASTBill To values are related to FIN system values but represent a concept more aligned with front-end staff and operations.

Fee schedule operations occur on the client-driven order screen and are applied when a Bill To value is selected. The system applies a fee schedule at the time an order is first created. If the order was imported from an external system, the fee schedule is applied when the order is first opened in edit mode. The system does not apply a fee schedule when an external order first arrives. This allows the most current fee schedule to be used when the order is first opened.

Note: : Make sure the correct fee schedule is used for insurances that require medical necessity rules. This is critical since the fee schedule code defines the CPT codes associated with each test in the order.

Note: FASTrequires a default fee schedule to be defined for each test code (is that true?). The default fee schedule records are created in the `FO_LISxHIS` table.

Systems without the multiple fee schedule function assume that the data present in the `FO_LISxHIS` table is a single fee schedule. The single fee schedule function does not require any definitions outside the `FO_LISxHIS` table default record.

If more than one fee schedule code is defined for a test code in the `FO_LISxHIS` table, then additional data for that test code must be entered in the following tables.

Creating Multiple Fee Schedules

To use multiple fee schedules, you must enter data into each of these tables:

FO_LISxHIS Table

This table is used to create one or more fee schedules.

Each fee schedule, each table record, is specific to this set of values:

- `LisCode`: Test code for this fee schedule.
- `Schedule`: Fee schedule code.
- `Billing_Option`: Billing option code within the fee schedule.
- `CPT`: A single CPT code.

If a test has more than one CPT code for a particular fee schedule and billing option, then there should be one record for each CPT code.

These fee schedule code and billing option code values allow for the sub-categorization of fee schedules. Both of these values must be entered correctly in the other tables listed below.

System calculations add all the CPT codes prices together to total the price for a test. The system also uses this information in medical necessity logic to assign CPT codes and prices to tests.

See FO_LISxHIS on page 66 for more information about field definitions and allowed values.

FO_Fee_Schedule_Definition Table

This table requires one record for each fee schedule code created. Each record may have one or more records in the following `FO_Fee_Schedule_Option_Definition` table.

See FO_Fee_Schedule_Definition on page 23 for more information about field definitions and allowed values.

FO_Fee_Schedule_Option_Definition Table

The records in this table are used to define the billing option codes for each fee schedule code defined in the `FO_Fee_Schedule_Definition` table.

See FO_Fee_Schedule_Option_Definition on page 24 for more information about field definitions and allowed values.

FO_Ins Table

This table is used to assign a fee schedule to a specific insurance code. The codes associated are used if the insurance code is selected as a primary insurance.

The `FO_Ins.BillFeeSchedule` and `FO_Ins.BillingOption` fields specify the fee schedule codes.

See FO_INS on page 26 for more information about field definitions and allowed values.

FO_Clients Table

This table is used to assign a fee schedule to a specific ordering client code. The codes associated are used if the client code is selected as an order's ordering client code.

The `FO_Clients.BillFeeSchedule` and `FO_Clients.BillingOption` fields specify the fee schedule codes.

See FO_Clients on page 3 for more information about field definitions and allowed values.

FO_LabInfo Table

- `DefaultFeeSchedule` and `DefaultFeeScheduleOption` Fields

  These fields are used to denote the default fee schedule in the absence of any other association. These codes are used when an order cannot be associated with any other fee schedule.

- `PatientFeeSchedule` and `PatientFeeScheduleOption` Fields

  These fields denote the codes used when a Bill To value of “Patient/Guarantor” is used for an order.

- `CashFeeSchedule` and `CashFeeScheduleOption` Fields

  These fields denote the codes used when a Bill To value of “Cash” is used for an order.

See FO_LabInfo on page 35 for more information about field definitions and allowed values.

Order Account Default Logic Rules

This rule provides a way to default the account number for an order.

To activate this rule, you must:

» enter an allowed value into the `FO_Users.AccountLogic` field.

The allowed values and their behaviors for the `FO_Users.AccountLogic` field are in the table below. Use a Rhodes recommended value as needed and described below.

Account Logic Field -- Allowed Values	
Allowed value	**Behavior**
UNIQUEACCT Recommended setting if a client ID will always be used.	Defaults the account number to the Patient ID + Ordering Physician ID + Collection Date + Order BillTo + Client ID
UNIQUEACCTPROV Recommended setting if a client ID will NOT always be used. (The two behaviors listed here call for different values to create the account number. What is correct?)	system will create a unique account number for the combination of FOID, collection date and provider. defaults a unique account number for an order based on the values of patient ID, physician, collection date and order billto
CLIENT or CLIENTMRNPHYSDATE	Check the order client for the presence of an account number default assigned in the `FO_Clients.Number` field. If the `FO_Clients.Number` field value is 'ASK' then the system will prompt the user for an account number. If the field value is an account number, the system will default the account number to the `FO_Clients.Number` field value.

Account Logic Field -- Allowed Values	
Allowed value	**Behavior**
CVN	Defaults the account number to the client visit number, CV#. The CV# field must be filled in for this to occur.
DATE	Defaults the account number to today's date.
MRNPHYSDATE	Defaults the account number to the MRN + Ordering Physician ID + Today's Date
PROVIDER or PROVIDERMRNPHYSDATE	Checks the ordering physician for the presence of an account number default assigned in the `FO_Providers.Number` field. If the `FO_Providers.Number` field value is 'ASK' then the system will prompt the user for an account number. If the field value is an account number, the system will default the account number to the `FO_Providers.Number` field value.
REQID	Defaults the account number to the requisition ID. The requisition ID field must be filled in for this to occur.
UNIQUEACCTCLIENT	Defaults the account number with the Patient ID + Client ID + Collection Date
UNIQUEACCTCLIENTBILLTO	Defaults the account number to the Patient ID + Client ID + Order BillTo + Collection Date
UNIQUEACCTCLIENTPROVBILLTO	Defaults the account number to the Patient ID + Client ID + Provider ID + Order BillTo + Collection Date
UNIQUEACCTPROVBILLTO	Defaults the account number to the FOID + Collection Date + Provider ID + Order BillTo

Account Logic Field -- Allowed Values	
Allowed value	**Behavior**
NONE	No account number will be generated. (does this mean the user needs to enter the account number?? so the field will be enabled for data entry/editing?? and will it be a required field??)

(The allowed values and behaviors above were gathered from the FO_Users.AccountLogic field table notes and the Order Account Default Logic Rules content.

Need to make sure the behaviors described above are correct. When the behaviors are correct(ed), will move this list to the FO_Users.AccountLogic field table notes.)

See FO_Users on page 107 for more information about field definitions and allowed values.

Recent Patient Search Configuration Rule

[was listed under the Registration Module]

This rule provides a way to limit the patient list presented to a user for selection after a search. Search results can be limited by a variety of parameters. Search results are also limited to adhere to HIPPA requirements for patient confidentiality.

Search results can be limited by:

- a client's list of patients. (which RecentPatientSearchType or what fields correspond to this option?)
- a group of clients who share a list of patients. (which RecentPatientSearchType or what fields correspond to this option?)
- a group of patients as defined by the user location. (is this the RecentPatientSearchType = USERLOCATION value?)
- a timeframe based on the site's concept of recent, generally a number of days. (what settings/values define this option, other than FO_Users. RecentPatientSearchDays ??)

To activate and configure this rule, you must define parameters:

1. `FO_Users.RecentPatientSearchType`: assign one of the following settings to the user.

    a. USERLOCATION: Assign this type to find patients based on user's current user location as matched to the patient's location.

    When a patient is processed, a cross-reference record with the user's location and the patient's FOID is created in the `FO_UserLocPt` table. This table is referenced in Recent Patient Search by matching the user's current user location to a patient in the table. Those patients who match the user's current user location will be listed for the user to select from.

b. ENTRYGROUPCODE: Assign this type to find patients based on user entry group code as matched to the patient's entry group code.

   A default entry group code can be assigned to the client code, the MPI Qualifier, and/or the user. When a patient is processed, a cross-reference record with the patient's entry group code is created in the `FO_PT_EntryGroups` table. Those patients in the `FO_PT_EntryGroups` table who match the user's entry group code will be listed for the user to select from.

c. PTACCESSGROUP: Assign this type to find patients based on client patient access groups.

   If you choose to assign this type, you must first provide information for the:

   » `FO_Client_PtAccess_Group_Def` table: create records for client patient access groups for all groups needed.

   » `FO_Client_PtAccess_Groups` table: create records associating a client code to a PtAccess group code for every association needed.

   When a patient is accessed with a client group, an entry is written to the `FO_Client_PtAccess_XRef` table. Those patients in the `FO_Client_PtAccess_XRef` table who match the user's client patient access group code(s) will be listed for the user to select from.

d. MPI: Assign this type to find patients based on MPI Qualifier. Those patients who match the user's qualifier will be listed for the user to select from. (how is the patient's MPI qualifier assigned, is there a table record like for the other choices?)

2. Make sure that you have entered the appropriate data into each of these `FO_Users` data fields:

   » `EntryGroupCode`

   » `UserLocation`

- `ClientPtAccessGroupCodes`
- `Qualifier`
- `RecentPatientSearchDays`

See FO_Users on page 107 for more information about field definitions and allowed values.

See FO_Client_PtAccess_Group_Def for more information about field definitions and allowed values.

See FO_Client_PtAccess_Groups for more information about field definitions and allowed values.

See the Recent Patient Search Table **Relationship Map** for more information.

>>> still need to make the above relationship map <<<

Result At Order Entry (Questions/RESOE) Rule

This rule covers the use of questions and answers for the result at order entry, RESOE, processes. The new code-driven RESOE process is described in the Code Driven Question / Answer Screen section in the order process flow.

Below you will find additional information about the code-driven RESOE rule requirements.

Standard RESOE Rule

To active the standard RESOE rule, you must enter questions and answers for tests.

Some tests require that results are entered for specific questions at the time of order. The system allows for an extensive rule set to create related rules. For RESOE, those rules are in the form of questions and answers for those tests.

When a test is ordered the system will look at the `FO_Tests_QA` table to see if any QA codes are associated with the test code being ordered. If there are questions in the table for that test, they are presented to the user to gather answers for submission with the order.

If there are questions, the system will look at each question to determine what kind of answer is required, if there is an edit mask and if an answer is mandatory. In addition, the system will look to see if there is an answer list, based on answer group code, and, if so, present that selectable list of answer options.

Creating Questions and Answers

Using maintenance procedures, an admin is allowed to establish a set of questions and, if necessary, possible answers for those questions, for any test.

Questions are entered into the FO_Test_QA table and must have a unique test code / QA code pair value. If a test needs multiple questions, each question must have a unique test code / QA code pair value.

Answer options, which are presented as a selectable list, are entered into the FO_QA_Answer-Group table for a question. The answers are associated to a question by the value of the FO_Test_QA.AnswerGroup which must match the FO_QA_AnswerGroup.AnswerGroup value.

In the FO_Tests_QA table, a single question is defined in each record of the table and that question is identified by a unique combination of the test code field and QA code field values. The QA code is an arbitrary code assigned to a question for a test.

Note: The test code / QA code pair value must be unique for each question.

If an orderable test should have two associated questions then two records, each with a different, unique, test code / QA code pair, must be created in the FO_Tests_QA table.

Note: A QA code may be re-used for a different test code. For example, a QA code of ASKWGT could be used for any test code that requires a question about the patient's weight.

To create questions for a test:

- enter a record into the FO_Tests_QA table with a unique TestCode / QACode pair of values.
- create, or re-use, a QA code for that test question. A QA code can only be used once in combination with a specific test code, however a QA code may be used for a different test code.
- for multiple questions for a test, add more question records each with the same test code and a different QA code.

For each question, you must provide information:

- for a default answer, which may be overridden. A default answer is not required.
- to define the specific type of answer which must be given for the question. The type is required and may be:
  - TEXT, with a character limit. Must also indicate in the `TreateMaskAsNumberValue` field if the text entered for the answer should be treated as a number.
  - LIST
  - NUMERIC
- For code-driven RESOE, the answer types may be:
  - LIST
  - NUMERIC
  - CODE which is from `FO_Dictionary` or list; allows search in `FO_Dictionary`. When this type is used, you also need to provide value(s) in the `UseCodeTypesForSearch` field for searching the `FO_Dictionary` records.
  - Date or Date Time
- to indicate if an answer to this question is required, or mandatory.
- to indicate if both the code and description should be sent for OBX.
- to establish an edit mask, if needed, for the answer.
- for instructions to the user when the question is displayed.
- for the sequence value if there are multiple questions for this test. A sequence is required so the questions are presented in the correct order.

See FO_Test_QA for more information about field definitions and allowed values.

<u>To create answers for a specific question:</u>

- be sure to enter an `AnswerGroup` value in the `FO_Tests_QA` question record.
- enter multiple records into the `FO_QA_AnswerGroup` table each with the same `AnswerGroup` value which must match the `FO_Tests_QA.AnswerGroup` value for that question. Each answer record must have a `FO_QA_AnswerGroup.Choice`, or

answer, value and a sequence value. A sequence is required so the answers are presented, as a list, in the correct order.

An answer, or Choice, is the text presented to the user as an answer option for the question. An answer may be a LIS coded value created by entering the LIS English Text Code followed by a "^" carat character and then the description that goes with the code. The system automatically populates the correct field for Coded Value and description when sent across an HL7 Interface. For example, a value of "CC^Clean Catch" tells the system that the English text code is "CC" for description of "Clean Catch."

See FO_QA_AnswerGroup for more information about field definitions and allowed values.

> **Note:** An answer group code may be utilized for any number of questions. For example, if you wish to create the same options for the specimen description answer options for both the Sputum and Throat cultures then the same answer group code can be assigned to the appropriate question record in the FO_Tests_QA table.

Maintenance on the `FO_Tests_QA` and on the `FO_QA_AnswerGroup` tables allows you to create any number of questions and answers for any number of tests.

Assign permission qachkedtmsksave to a user group to make the system re-check the edit masks for all answers to questions for an order when the **Save** button is clicked. If a mask if found to fail, the user will be asked to exit the save operation and correct the answer. This is useful when answers are provided by external order entry systems where no mask applies.

See the APPENDIX - QA Tables Relationship on page 4 for the `FO_Tests_QA` and `FO_QA_AnswerGroup` tables in the Appendix.

[edit the relationship map for the field FO_QA_AnswerGroup.UseCodeTypesForSearch field and its relationship to the FO_Dictionary.Type field.]

Code-Driven RESOE Rule Requirements

The code-driven RESOE rule provides a way to more tightly control answers that are electronically sent by external systems or manually entered.

> **Note:** Electronic orders must meet the criteria defined for an answer before the order is considered reviewed and ready to complete processing.

To activate this rule, you must:

- assign permission qacodedrivenscreen to a user group.
- add questions and answers to the `FO_Tests_QA` and `FO_QA_AnswerGroup` tables as above for the standard RESOE rule
- add all codes needed for answers to the `FO_Dictionary` table. Every code referenced by the `FO_QA_AnswerGroup.Choice` values must be defined in the `FO_Dictionary table`. This applies to questions with an `FO_Tests_QA.AnswerType` = CODE.
- as needed, you may limit an answer to a subset of dictionary defined codes by entering a value in `FO_QA_AnswerGroup.UseCodeTypesForSearch` and entering the same value in `FO_Dictionary.Type` field. If this is used, the code search drop-down will be preloaded with top 30 entries.

(Need more info on the `FO_QA_AnswerGroup.UseCodeTypesForSearch`, it is not in the db schema that I have. Need more info on the expected type of value and/or value in that field and the `FO_Dictionary.Type` field.)

Code-driven RESOE provides new definitive answer types and also retains some of the old types. The table below outlines the possible answer types:

Answer Type	Description
CODE	Requires an answer containing one or more coded values. Freetext entry is not allowed for this type.
LIST	Requires an answer selected from a predefined list of codes. Used to specify a list of possible answers for a particular test.
NUMBER	Requires a numeric value for the answer.

Answer Type	Description
DATE	Requires a date for the answer. Date must have the format MM/DD/YYYY
DATETIME	Requires a date and time value for the answer. The format must be MM/DD/YYYY HH:MM:SS. Seconds are not required, may use 00 for seconds. (OK to not enter seconds, ie MM/DD/YYYY HH:MM OK?)
TEXT	Requires a list of free text and coded values for the answer. Any combination in any sequence is allowed.

Code-driven RESOE allows a user to assemble the components of an answer and then the system builds an answer string.

Send Order at Receipt Rule

This rule provides a way to send an order during the receipt process instead of the typical process of sending orders to the LIS when an order is processed by the user. The purpose is to allow the LIS to receive the order message when the specimen related to the order is about to be received. Some LIS systems require this functionality to minimize the problems related to downloading to instruments when multiple testing facilities exist in the analytical environment in the lab. In effect this allows the LIS to download the order to the instruments at the lab facility that is receiving the order instead of the facility that generated the order.

To activate this rule set, you must:

- assign permission exportordertoif to a user group: Export order to default interfaces. Turns on display of the episode creation and assignment screen.
- assign permission srsendordlisrcv to a user group: Send an order message to LIS, if one has not already been sent, when the Send to LIS button on the specimen receipt screen is clicked. This rule is applied on the single receipt screen.
- assign permission bpsendordlisrcv to a user group: Send the order to LIS, if one has not already been sent, upon receipt of a batch container. This rule is applied on the batch processing screen.

It is recommended that all permissions be used when the send order at receipt rule is required.

Rule Business Logic

The order transaction will be sent when a received test order has occurred. There are three ways a received test order can occur:

1. 1. If the user's performing lab matches the test performing lab .... [to start rewrite of following] >>> At the time of order, if rules create a situation that one or more tests in an order are auto-received because the User's performing lab matches the test performing lab. <<< what rules create this situation?

   In this case, the system will send the order transaction for those tests to the LIS when the User presses the **Export to Host** button. Rhodes recommends that Users use this button always since the new permissions will only send transactions for received test orders

<<< are other buttons available and why if always want user to use the **Export to Host** button.??

2. On the single specimen receipt screen and the **Receipt to LIS** button is clicked. The system will check to see if the order transaction has been sent and send it if required.
3. On the batch processing screen, when one or more containers is received by clicking the **Receive In LIS** button. The system will check to see if the order transactions for the related orders have been sent and if not, send them at that time.

The system will send orders at the Lab Accession level in cases #2 and #3 above because typically the user is receiving at that level when on those screens. This means that all tests in the received Lab Accession will be sent in order transactions to the LIS.

The system will check to see if the ADT transaction that typically precedes an order has been sent and also send it before the order transaction generated at receipt time. Some differences may exist in flow since the order at receipt is based on the Lab Accession instead of FASTorder session accession.

Assign permission forcesendepiord to a user group and it can be used to force the system to always send an ADT transaction before the order is sent.

Significant Table Descriptions

This section was **User Table Rules**, a list of significant fields and their impact re **the FO_ Users** table.

All descriptions that were here are now in the FO_Users table field definitions.

The **User Security Logic and Rules** section field descriptions were also integrated into the FO_Users table field definitions.

See FO_Users on page 107, particularly the blue items.

Test Comments Rule

This rule provides a way to add a default comment to a test order when a test order is created on the order screen.

To active this rule, you must:

- enter a default comment in the `FO_Tests.OrderComment` field.

The comment will appear in the test comment field in the test list.

See FO_Tests on page 84 for more information about field definitions and allowed values.

Permission Tables

This section covers the Fast Platform software permissions.

What's included:

- How permissions work
- What permissions control; specific items
- Permissions by function, and consequences
- Permissions by alpha

How to use permissions

Permissions are listed in the `FO_Permissions` table and are assigned to groups maintained in the `FO_PermGroups` table. The permission group is then assigned to a specific user in the `FO_Users` table, in the `FO_Users.PermGroup` field, giving that user all permissions assigned to that `FO_PermGroups.PermGroup`.

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The FAST Platform Rules engine contains both Maintenance driven rules and User level keyword (Permission) rules. The permission rules are listed in the FO_Permissions table and are attached to User groups maintained in the FO_PermGroups table.

ABN Insurance Module Permissions

ABN Insurance Module Permissions	
Permission	**Description**
abnprint	Display and enable the **ABN** button on the order screen. Allows user to print ABN form.
episodeabninvisible	Remove the episode ABN drop-down on the episode screen.
abnnocharge	Disable the charges field on the ABN screen so no charges can print.
abnuseacc	Use the accession value instead of the insurance policy number on the Medicare ABN form.
evalinstest	Enable evaluation of each test ordered in an order session for inclusion/exclusion from the order using the rules in the `FO_Ins_Tests` table.
insordrestrict	Activate insurance-based test restriction rules during order entry. System will execute this rule when a test is ordered.
removeabnlogo	Remove logo image from the ABN form.
removeabnlabtitle	Remove title field on the ABN form header.
removeabnadd1	Remove first address field from the ABN form.
removeabnadd2	Remove second address field from the ABN form.
removeabnadd3	Remove third address field from the ABN form.
removeabnadd4	Remove fourth address field from the ABN form.
abnusemrn	Use patient MRN to fill the ID field on the ABN form.

ABN Insurance Module Permissions	
Permission	**Description**
abnhtext1	Add a text message in the H section of the ABN form warning the patient to call their doctor if they pick option 3.
abn2space	Add a second space after each test name in an ABN form D section following the comma.
afrlogicon	Enable logic of AFR form assignment on the order screen. AFR forms can be printed using the **ABN** button on the order screen. AFR logic applies to insurance Bill To field on the order screen.
afruseptbillto	Assign requirement to print an AFR form if the Bill To is patient. System will require user to print a form if it was not printed before. Requires permission *afrlogicon*.
abnuseacct	Use the account number instead of the policy number on the ABN form if user prints an ABN from the order screen and an account number exists.
abnUsereqid	Use the Requisition ID field value from the order screen for the ABN form ID field if available.
abnmulttypefreq	Allow both diagnosis and frequency failures on a single test when fre-quency ABN rules are applied.
warninvalidinsinfo	Warn user if any insurance codes are not present in the `FO_Ins` table when the **SAVE** button on the patient demographics screen is clicked. After warning, user is not allowed to save the patient information.

ABN Insurance Module Permissions	
Permission	**Description**
allowstoreinvalidins	Allow saving of an invalid insurance code, a code not found in the `FO_Ins` table, when the **SAVE** button on the patient demographics screen is clicked.
insaddressinvisible	Remove insurance address fields from the patient demographic screen.
bypassabnrequire	Bypass user requirement to print an ABN form when an ABN failure in the order task list. User may exit the order.
abndefaultno	Default an NS condition on ABN signature if a test fails an ABN check on the order screen.
abnusemultpage	Format ABN forms as a two-page format where the second page is a limited addendum to the first. Option information will only appear on the first page.
abnnototcharge	Remove the total line summarizing the total cost from the ABN form.
abndtnocolldef	Do not default the ABN date when user enters or changes the col-lection datetime.
abndaterequired	Make the ABN date a required field on the order screen.

Advance Search Module Permissions

Advance Search Module Permissions	
Permission	**Description**
useadvaccsrch	Use the advanced accession search screen to search by accession when the toolbar Bar Code icon is clicked to search by accession. If this permission is not used, the user will be prompted to enter an accession.
accsrchdemog	Always branch to the demographic screen after the toolbar Bar Code icon on the advanced search screen is clicked.
accsrchjump	Jump (or go) to the order chosen on the advanced search screen when the **Exit** button on the demographics screen is clicked.

Batch Processing Module Permissions

The "batch processing screen" referred to below is the Container Batch Processing screen.

Batch Processing Module Permissions	
Permission	**Description**
batchmodulesee	Display toolbar icon to allow access to the Batch Processing module.
bpsearchfinal	Allow search for batches by final destination location on the batch processing screen. The final location field will be turned on so a location can be entered.
bpeditbatchloc	Allow edit of the batch location on the batch processing screen. Without this permission, the user can only select items from a predefined set of values, not from any valid value.
bpremoveallbatches	Remove the AllBatches check box on the batch processing screen.
bpremovebatchdate	Remove the date prompt for batch searching from the batch processing screen. User cannot change the date for batch searching.
bpremovesrchbtn	Remove the **Search** button from the batch processing screen.
bpdonotautoprtalq	Disable automatic print of batch labels when the **Recv Selected In LIS** button on the batch processing screen is clicked.

Batch Processing Module Permissions	
Permission	**Description**
bpremovecreate	Remove the **Create Batch** button from the batch processing screen. User cannot create new batches.
bpdonotaddtemplst	Do not allow addition of containers to a temporary list of container items on the batch processing screen. Process is to add containers to a temporary list and then create batches. The software organizes which containers go on which batch. This permission does not remove the **Load Temp List** button from the batch processing screen.
bpdonotaddbatclst	Do not allow addition of containers to an existing batch of container items on the batch processing screen.
bpdeleteitems	Enable the **Delete Selected Items** button on the batch processing screen. User is allowed to delete containers from list.
bpdeletebatch	Enable the **Delete Batch List** button on the batch processing screen. User is allowed to delete batches.
bpdeleteafterpickup	Allow deletion of batch items or a complete batch after a batch has a pickup date assigned on the batch processing screen.
bpdeleteafterclose	Allow deletion of batch items or a complete batch after the batch has been closed (received in the LIS).

Batch Processing Module Permissions	
Permission	**Description**
bpdonotrecvlis	Do NOT transmit XR receipt transactions to the LIS when the **Recv Selected in LIS** button on the batch processing screen is clicked. Updates the date in the database.
bpasklocconfirm	Enable a prompt to confirm the batch location during batch creation on the batch processing screen.
bpaskdescrconfirm	Enable a prompt to override the default batch description string after the **Create Batch** button on the batch processing screen is clicked.
bpaskrdconfirm	Enables a prompt to confirm the receipt date when the **Recv Selected in LIS** button on the batch processing screen is clicked.
bpaskusrconfirm	Enable a prompt to confirm the user name and user LIS code when the **Recv Selected in LIS** button on the batch processing screen is clicked.
autoprtbatch	Automatically print the batches created after the **Create Batch** button on the batch processing screen is clicked.
validatedevloc	Validate the device location typed in to ensure it is one of those displayed in the drop-down list. A warning is issued for an invalid location.
exportordtrn	Delay sending the order to the LIS until a container from the order is added to a batch transport list. Remove **Export to Host** button from the episode screen.

Batch Processing Module Permissions	
Permission	**Description**
bpprtptdems	Show the patient level demographic fields on the batch list report.
bpdefsrchcid	Default the search type on the batch processing screen to Container ID. When a user scans or types in an item, a Container ID search will be done.
bpdefsrchla	Default the search type on the batch processing screen to Lab Accession. When a user scans or types in an item, a search by Lab Accession will be done.
bpdefsrchacc	Default the search type on the batch processing screen to FAST Accession. When a user scans or types in an item, a search by FAST Accession will be done.
bpprvntcidrebatch	Do not allow addition of a Container ID to a batch or temporary list on the batch processing screen if that Container ID is in another batch that has not been closed.
bpwarncidbatched	Display a warning if a Container ID is on another batch that has not been closed. Warning presents a string composed of the Batch ID, location, user and date. Prompt user to confirm that the entry should be accepted.
bpsendordlis	Enable the **Send Order to LIS** button on the batch processing screen.

Batch Processing Module Permissions	
Permission	**Description**
bpwarnaddclosedbatch	Display a warning prompt when adding a Container ID to a batch that has a closed date indicating that the batch is closed. Allow addition of the Container ID if the Yes button on the warning prompt is clicked.
bnprvntaddclosebatch	Allow addition of a Container ID to a batch that has a closed date.
bptrigcdcout	Trigger an SC message to be sent out the CDC outbound interface when a batch is created.
modtubeaftercidbp	Do not allow removal of tests when a Container ID has been assigned to a batch and when one or more tests are selected to be removed on the container management (tubes) screen.
bpchkcidinbidcreate	Check each Container ID at the time a batch is created to make sure it is not assigned to another Batch ID and it is not yet received. Display a warning and do not allow batch creation if Container ID has been previously assigned or received.
bpclosebtcrecv	Close a Batch ID when all specimens are received in LIS. Rule executed at the end of a receipt to LIS process on the batch processing screen.
bpnocloseunrecv	Do not allow close of a Batch ID if there are unreceived Container IDs. Rule executed when a close date is entered on the batch processing screen.

Batch Processing Module Permissions	
Permission	**Description**
bpwarncidinclosed	Check each Container ID at the time a batch is created to see if it exists in a closed batch. Display a warning if Container ID has been previously assigned to a closed batch.
bpdispatchsee	Display and enable the **Dispatch Batch** button on the batch dispatch screen.
bpdpdelete	Display and enable the **Delete Dispatch Group** button on the batch dispatch screen.
bpdpremove	Display and enable the **Remove Batch ID From Group** button on the batch processing screen.
bpdpadd	Display and enable the **Add Batch IDs To Group** button on the batch dispatch screen.
bpdpmakenew	Display and enable the **Make New Dispatch Group** button on the batch dispatch screen.
bpalqchide	Do not display the AlqContainerCode column in the container list on the batch processing screen.
bpctypehide	Do not display the ContainerType column in the container list on the batch processing screen.
pbptnamelist	Display a patient name column in the container list. Making this visible will cause the grid display to retrieve a patient name for each Container ID, adding more time and steps to the display. This impacts performance.

Batch Processing Module Permissions	
Permission	**Description**
bptracksee	Display and enable the **Track Specimen** button on the batch processing screen.
bpblckrcvlisprflb	Do not allow receipt of batch items to the LIS on the batch processing screen if the Receipt Performing Lab code does not match the performing lab code assigned to the batch.
bnprvntdiffperflab	Do not allow addition of a Container ID to a batch that is for a different performing lab code.

Blind Duplicate Module Permissions

Blind Duplicate Module Permissions	
Permission	**Description**
blindverify	Allow access to Blind Verification Screen and related functionality.
exportordbv	Queue the accession to be sent to the LIS only after the accession has been accepted as verified on the blind verification module screen. The exportordertoif permission must also be used.
bvautoexport	Automatically export the order upon successful (accepted) blind verification of an accession on the blind verification module screen.
bvshowexport	Display and enable the **Export To LIS** button on the blind verification module screen. This will allow the user to send the order to the LIS upon acceptance.

Container Management Module Permissions

Container Management Module Permissions	
Permission	**Description**
containermgmtsee	Display and enable **Container Management** button on the order screen.
containermgmtedit	Allow edit of container management data.
containercodesee	Display and enable the container code field and allow editing of each test on the order screen.
specimencodesee	Display and enable the specimen code field and allow editing of each test on the order screen.
containerrequired	Make container code a required field for each test on the order screen.
defspeccodecontainer	Default specimen type code to the definition in the `FO_TestsXContainers` table when a container code is selected from the drop-down list during a test order process.
defcontainerbytest	Default container code to the value stored in the `FO_Tests` table for the test code when a test is ordered on the order screen.
validatecontainer	Force validation of container code entry on order screen by checking to make sure the entry is in the table. Invalid entry is cleared. If this permission is not used, then user can type freetext container codes.

Container Management Module Permissions	
Permission	**Description**
containerlist	Display and enable the container list field on the order screen. Allows user to define a container list to apply to any new tests ordered in an accession.
autogencontlabel	Automatically generate containers and print container labels when user clicks the **Exit** button on the order screen.
assignlabacc	Create a LabAcc LIS accession number according to maintenance rules when a Container ID is added to the test in the `FO_Accessions` table.
makelabaccgrp	Use the `FO_Tests.LISAccgrpCode` value to group tests to an LIS accession during container creation.
modtubeaftersend	Allow container modifications on container management screen even after the accession has been transmitted to the LIS.
cmworkloadedit	Allow edit of the workload field on the container management screen.
addtestanyccode	Check for valid container code for the test being added to a container manually on the container management screen. If not valid, addition of test will not be allowed.
ordchkcid	Check to see if container management was not performed before user exits a non-future order. If not performed, display instruction to click **Tubes** button on the order screen.
cmapplydedcont	Apply logic to create dedicated containers on the container management screen and prevent users from adding tests to them.

Container Management Module Permissions	
Permission	**Description**
continstrhide	Do not display instructions field on the container management screen container list.
blockeditcont	Disable edit of container code and type fields in the test list grid on the order screen .
cmworkloadhide	Do not display the workload field on the container management screen.
cmstoragehide	Do not display the storage field on the container management screen.
blockeditcontcm	Disable edit of container code and type fields on the container management screen.
cmshowcommoncont	Show only the containers common to all the tests in a Container ID in the container field drop-down on the container management screen.
orddecantprev	Detect the presence of the word DECANT in the spot code field of any container, Container ID, in an accession and prevent the user from exiting the order. Display a warning to finish processing.
modtubeaftertstsend	Allow modification of containers on the container management (tubes) screen even after at least one of the tests in a container, Container ID, has been sent to the LIS. If modtubeaftersend permission is used, then this permission may not be checked.
cmuselgrpondrop	Use the label group code assigned to a Container ID as part of the search, to limit the items displayed, when the container code drop-down field is used on the container management screen.

Container Management Module Permissions	
Permission	**Description**
cmblockcanccid	Block cancel tests from creating Container IDs or being part of them by assigning them to the NO LABEL test label group.

Driver's License Module Permissions

Driver's License Module Permissions	
Permission	**Description**
dlsearchsee	Allow user to access the driver's license search screen from the toolbar on the advanced search and other screens.

Episodes Module Permissions

Episodes Module Permissions	
Permission	**Description**
exportordertoif	Export order to default interfaces. Turns on display of the episode creation and assignment screen.
episodeptscreensee	Display and enable **Events** button on patient demographic screen which branches off to episode generation screen.
episodeacctsee	Display and enable the Episode Account Number field on the episode screen, also make it a required field.
episodeinssee	Display and enable the episode Insurance assign to drop-down on the episode screen.
episodebilltosee	Display and enable the episode Bill To drop-down on the episode screen.
seeepicptid	Display and enable the Client Pt ID field on the episode screen. if permission is not granted, the Client PT ID rules will not be applied to the Episode level.
missmatchepiacct	Prevent assignment of an order to an existing episode if the account number does not match. Triggered when the Assign To Episode button on episode screen is clicked.
epiadmblank	Do not default admit date to current date on the episode screen. Rule is ignored if the episode screen is launched after an order.
resendepisode	Display and enable the **Re-Transmit To LIS** button on the episode screen. If user has permissions to send in an LIS interface, then the episode may be retransmitted.

Episodes Module Permissions	
Permission	**Description**
ordautoepisodeexport	Create an episode and export qualifying orders automatically when user Exits or processes out of the order screen.

Exception Reporting Module Permissions

Exception Reporting Module Permissions	
Permission	**Description**
exordersee	Display and enable the Exception button on the order screen so exception reports can be created.
commactionsee	Use the order communications actions screen when the telephone button on the FAST order screen test list is clicked.
limittelnumbers	Validate the telephone/fax numbers entered in an order action and limit them to the values in the FO_LabInfo.OrderActionPhoneNumbers field. Used to limit phone numbers in the test area. It should not be used in production.
ordactionemailoff	Disable the Email field on the order action screen when the screen is first loaded.
ordactvalid10tel	Validate phone numbers on the order action screen and require them to be 10 digits long. A warning will be displayed if the number is not 10 digits long.
oablkatexport	Do not allow an order action to be created after a FAST accession has been exported to host.
reqshowoa	Add a section on the order requisition report to display the Order Actions for that order. They will display at the performing lab footer.
bpexceptionsee	Display and enable the **Exception** button on the batch processing screen.

FAST Platform Module Permissions

FAST Platform Module Permissions	
Permission	**Description**
login	Allows a user to log into software.
viewerrors	Allow user to view errors generated by the system. Should only be used by IT staff.
passwordtoolsee	Display and enable the password icon on the application toolbar to allow user to change their password.
eligibilitytransview	Allow viewing of eligibility raw transactions using web utility.

Image Scanning Module Permissions

Image Scanning Module Permissions	
Permission	**Description**
imagefoldersee	Display and enable the image folder field on the order screen.
imagefolderrequired	Display and enable the image folder field on the screen and make it a required field.
ptimages	Display and enable the Images button on the patient demographic screen.
ordimagesee	Display and enable the button to view and add scanned images on the order screen.
scanmrnfile	Include the MRN in the name of scanned image files.
scanaccfile	Include the FAST accession in the name of scanned files.
scanlabaccfile	Include the lab accession in the name of scanned files.
scanreqidfile	Include the Req ID in the name of scanned files.
scanptnamefile	Include the patient name in the file name of scanned files.
scanfileprefix	Prefix each value in the scanned image file name with a title such as MRN: Acc: LABACC: PtNAME: REQID:
scanfiledelimit	Delimit each item in the scanned image file name by an up arrow symbol.
scantypefile	Include the category type in the name of scanned files.
scanaccvisible	Display and enable the accession field on the scanned images screen.
scanaccrequired	Make the accession field a required field on the scanned images screen.

Image Scanning Module Permissions	
Permission	**Description**
scanlabaccvisible	Display and enable the lab accession field on the scanned images screen.
scanlabaccrequired	Make the lab accession field a required on the scanned images screen.
scanreqidvisible	Display and enable the Req ID field on the scanned images screen.
scanreqidrequired	Make the Req ID field a required field on the scanned images screen.
scandatefile	Include a date stamp in the file name of the scanned file.
scanblankfields	Clear the accession, lab accession and Req ID fields on the scanned images screen after each image is stored.
scanstorepdf	Store the scanned image as a PDF file if a folder is specified.
scandelvisible	Display and enable the Delete button on the image scanning screen.
scanexpfilesee	Display and enable the Export File button on the image scan screen. Allows a stored image to be exported to a file.
scanexprngsee	Display and enable the Export Range button on the image scan screen. For advanced user only. Requires table manipulation to queue data.
scanccvisible	Display and enable the client code field on the scanned images screen.
scanccrequired	Make the client code field a required field on the scanned images screen.
scanptdobfile	Include the patient DOB in the name of scanned files.
scanclientfile	Include the order client code in the name of scanned files.

Integrated Search Module Permissions

Integrated Search Module Permissions	
Permission	**Description**
ischkunrcvord	Select the Unreceived Orders Only checkbox on the integrated search screen.
ischkextord	Select the External Orders Only check box on the integrated search screen.
isnobrnchordptwf	Remove the **Branch To Order** button on the integrated search screen if the workflow is Patient Presents.
isshowonstart	Load the integrated search screen when the user first logs into the application.
isscreenseebar	Display and enable the button to launch the integrated search screen on the list of option buttons when the user clicks the BarCode icon on the toolbar.
isrmvptsrchdl	Remove the Driver's License option from the patient search drop-down list on the integrated order index search screen.
oismergebtnsee	Display and enable the **Merge** button on the order index search screen.

Interface Control Module Permissions

Integrated Search Module Permissions	
Permission	**Description**
ittcedit	Allow user to re-trigger and clear field on the order interface transaction control screen.

Label Printing Module Permissions

Label Printing Module Permissions	
Permission	**Description**
ptlabelatordexp	Display and enable the **Print Patient Label** button on the order export screen. Allows user to print a patient label.
reqUserfillin	Display and enable prompts for information which appears on order requisition form when printed. Fields appear on header.
autoprtcontlabel	Automatically print container labels when the **Exit** button on the container (tube) screen is clicked.
addprioritytolabel	Add priority code to each test in the container label test list and aliquot label test list.
labelsatordexit	Trigger labels to print when the **Process** button on the order screen is clicked. If this permission is not used, label printing will be triggered at order export.
contlabelatordexp	Display and enable the button on the episode/order export screen that allows for container label printing.
acchistlabelsee	Display and enable a drop-down that allows for label printing in the accession history screen.
labelscreensee	Display and enable the button for the label printing screen on the main screen toolbar.
lblaccsrch	Display and enable a field to allow for searching by FASTAccession on the label printing screen.
lbllabaccsrch	Display and enable a field to search by lab accession on the label printing screen.
lblcidsrch	Display and enable a field to search by container ID on the label printing screen.

Label Printing Module Permissions	
Permission	**Description**
recvprtalqbutton	Display and enable the **Print Aliquot** button on the specimen receipt screen.
recvprtcidlabel	Display and enable the **Print Container Labels** button on the specimen receipt screen.
recvautoprtalqsee	Display the Auto Print Aliquot Labels checkbox in the specimen receipt screen and leave it clear or unchecked.
contlabelexpsee	Display and enable the button on the episode/order export screen that allows for printing of container labels.
lbluselabacc	Print a lab accession label instead of a FASTaccession-level label and change the accession checkbox to lab accession on the label printing screen.

Maintenance Module Permissions

Maintenance Module Permissions	
Permission	**Description**
maintenancesee	Display and enable **Maintenance** button on toolbar. Used only by admin with assistance from Rhodes.
maintoptslmsee	Allow branching to the specimen list management module from the file maintenance options screen.
maintoptfpsee	Allow branching to the FASTfile maintenance screen from the file maintenance options screen.
maintoptsee	Display the file maintenance options screen when the **File Maintenance** toolbar button is clicked.
maintoptclntsee	Allow branching to the central client maintenance screen from the file maintenance options screen.
maintoptprovsee	Allow branching to the central provider maintenance screen from the file maintenance options screen.

Merge Module Permissions

Merge Module Permissions	
Permission	**Description**
mergeptdata	Display and enable the **Merge Patient Data** button on the toolbar.
mergehl7	Allow creation of Merge Messages in HL7 interfaces through the trigger table. Each patient merge will be queued for transmission to the Host system.
mergenomrn	Allow merging of patients only when patients have NO Medical Record Number (MRN) assigned and merge is to a patient who may or may not have an MRN.
mergebasicdems	Allow the merging of patients only when the Patient Name, DOB and Gender are exactly the same.
mergequeue	Queue a merge to the `FO_Merge` table when the **Merge** button on the merge patient screen is clicked. Merging will be performed by the FAST Windows Merge Service instead of theFASTApplication.

Messages Module Permissions

Messages Module Permissions	
Permission	**Description**
ptmsgview	Display and enable patient and accession messages. Enables toolbar icon related to messages.
ptmsgnew	Allow creation of new patient and accession level messages.
ptmsgedit	Allow edit of existing patient and accession level messages.
ptmsgexpire	Allow expiration of patient and accession level messages.
ptmsgdelete	Allow deletion of patient and accession level messages.
ptmsgviewall	Allow display of all patient and accession level messages.
ptmsgautoshow	Automatically display messages for a patient at each execution point.

MPI Module Permissions

MPI Module Permissions	
Permission	**Description**
findclientmpi	Search for an MPI entry for a patient when a Client ID is entered and/or selected on the order screen. Use the MPI Qualifier entry from the `FO_Clients` table for this client.
simplempi	Assume a correct value is entered for the Client Patient MRN (MPI Foreign ID) that is not cross-referenced and will not be checked for integrity. Value is not cleared if the client is changed.
checkdisableptloc	Check that the MPI qualifier assigned to an existing order should prevent edit of the Patient Location field on the order screen.
valmpientriesverify	Verify that the MPI Qualifier for the Client Pt ID and the one assigned to the client code of an order match. If they do not match, the order cannot be verified. Executed at order verification.
chkmpireqcptid	Make the Client Pt ID field on the order screen a required field if the `FO_MPI_Qualifier.RequiresClientPtId` field is set to true.
msaddmpientry	Display and enable all fields needed to add an MPI cross-reference on the MPI cross-reference list screen.
msdeletempientry	Display and enable the **Delete** button on the MPI cross-reference list screen to allow entries to be deleted.

MSP Module Permissions

MSP Module Permissions	
Permission	**Description**
mspsavetoday	Allow MSP form editing if form has been created today. Activates **Save** and **New** buttons for MSP use.
mspsaveany	Allow for all MSP data view and editing. Activates **Save** and **New** buttons for MSP use.
mspprint	MSP Print. Allow user to print MSP forms.
mspdeltoday	MSP Delete Today. Allow MSP data created today to be deleted. Activate the **Delete MSP** buttons.
mspdelany	MSP Delete Any. Allow deletion of any MSP form. Activate the **Delete MSP** buttons.
mspsee	MSP Review. Activate the MSP **Search** and **Create Form** utilities and buttons.
mspatpatient	Activate **MSP** toolbar button and allow MSP to be created at patient level without accessions or orders.
mspshortform	Activate the button to create **Short Form MSP** forms. If only this is used then the Short Form Button will not be displayed (?????). If both short and long is needed use both permissions.
msplongform	Activate the button to create **Long Form MSP** forms. If only this is used then the Long Form Button will not be displayed (?????). If both short and long is needed use both permissions.

Orders Module Permissions

Orders Module Permissions	
Permission	**Description**
accsee	Allow access to review and create accessions and orders.
accnew	Allow creation of new accessions and orders.
accsavetoday	Allow storage of accession information on accessions created today only. Should not be used at same time as accsaveany below.
accsaveany	Allow storage of accession information on any accessions.
accverifytoday	Allow verification of accession information created today only.
accverifyany	Allow accession verification for any accession.
accdeltoday	Allow deletion of accessions created today only.
accdelany	Allow deletion of any accession.
reqprint	Activate **Req** button on order screen so requisitions can be prin-ted.
qa	Activate **Answer** button on the question answer screen.
accreferral	Save New Accession Referral Numbers.
referralsee	Activate **Referral** button on the order screen.
exportord	Activate **Export Order** button for order data transfer to FAST Registration screen. Also used for HL7 data export.
pricesee	Activate Total Price on Order Screen.
accacctsee	Activate Accession Level Acct # field on order screen.
accreqidsee	Activate Accession Level Req ID field on order screen.

Orders Module Permissions	
Permission	**Description**
acclabsee	Activate Accession Level Lab Acc field on order screen.
clientsee	Activate Client combo box on order screen.
recvsee	Activate Specimen Receive fields on order screen.
ordanyprov	Allow orders to be placed for any physician in database. If this permission is not used, then orders can be placed only for assigned providers by entry group code.
ptlocationsee	Activate Patient Location field on order screen.
seeallptordsresults	Allow user to see all orders and results in the system. If this permission is not used, then the system only allows access to orders and results by entry group code.
copyordinfosee	Activate **Copy Order Info** button. Puts accession identifying info on clipboard so it can be pasted to another application.
addphys	Allow addition of new physicians by pressing the **+** button next to the ordering physician on the order screen.
speciessee	Activate Species field, if not activated, species field defaults to 'Human'.
workloadsee	Activate Workload Codes field on order screen.
seealllabtests	Allow viewing of all lab tests when searching vs order screen. Includes `FO_Tests.ViewLabOnly` = Y. Not for use with clients.
allowautoaddtests	Allow addition of tests defined in the `FO_Tests` table under the automatically added tests field. Checks for duplicate tests and does bundling.
seelabtestpopup	Allow user to see contents for lab popup field in `FO_Tests` table for each test.

Orders Module Permissions	
Permission	**Description**
seeclienttestpopup	Allow user to see contents of client popup field in `FO_Tests` table for each test.
checksamedayduptest	Allow checking for duplicate test codes ordered for the same patient for this accession number collection day.
copyclientsee	Activate the copy to client drop-down field on the order screen.
copyclientrequired	Activate the copy to client drop-down field on the order screen and make it a required field.
addprovidersee	Activate the button to add miscellaneous physician info next to the ordering physician field on the order screen.
accdelbeforereceipt	Allow deletion of accessions up to the point of receipt. Will not allow deletion of received accessions.
testdeletetoday	Allow test deletion on the same day they are ordered if the accession has not been received.
testdelbeforereceipt	Allow test deletion up to the time they are received. Do not allow test deletion after receipt.
testdeleteany	Allow deletion of any test in any accession.
testcancelany	Allow cancellation of any test in any accession.
accclientptidsee	Allow display and editing of Client Pt ID field on the order screen.
clientptidinvisible	Deactivate (hide, remove, make invisible ??) Client Pt ID field on the patient demographic screen. This field that collects a patient ID by entrygroupcode. (as related to FO_Users. EntryGroupCode ?) (what does collect a patient ID by entrygroupcode mean??)
reqidsee	Activate the Req ID field on the order screen.
reqidrequired	Make the Req ID field a required field on the order screen.

Orders Module Permissions	
Permission	**Description**
overideexitorder	Allow user to exit order bypassing mandatory fields by always presenting the **Exit Order** button on task list.
callbackcodesee	Activate callback code field in the Call Fax window during an order. Allow field entry and display.
orercommentinvisible	Remove the order comment field on the order screen.
addmiscphysordcomnt	Add the name of a miscellaneous ordering physician on the order screen comment field (by activating a comment field? otherwise could enter anything in a comment field including a physician name ???)
clientptidrequired	Make the Client Pt ID field a required field on the order screen.
defordreciptinfo	Default the receive date/time and tech on the order screen. It simulates a click on the **Default Receipt** button on the left of receive date.
checkreqiddups	Activate automatic checking of Req ID based duplicates when the Req ID field is exited on the order screen.
colldtdeftoday	Default the collection date to today and leave the order collect time blank on the order screen for a new order.
autofillordcldptid	Default the Pt Client ID field on the order screen (to MPI Qualifier?) if an MPI ID exists for this patient. The MPI ID is dependent on the user setting for qualifier and qualifier type.
mpilistsee	Activate button to allow user to view list of MPI entries by Patient FOID. If user has an MPI qualifier assigned, then can only see MPI entries within their qualifier. If no qualifier is assigned then user can see all entries for that FOID.

Orders Module Permissions	
Permission	**Description**
misctestturnoff	Turns off the Free Text Test entry (miscellaneous test entry) on the order entry screen.
autoordercctest	Automatically orders the test code assigned in the `FO_LabInfo` table to be used when a 'copyto' physician is entered. The system checks the first 'copyto' field to see if it is filled in.
editlisordx	Allow user to edit the LISORDX field for each test in an order. This field is used to group billing info and to ID a patient in inbound interfaces.
editprice	Allow edit of the Test Price field in an order.
forcecalltests	Use the Call and Fax To test codes defined in the `FO_LabInfo` table instead of the Call/Fax screen. Automatically order these tests and the user must place call and fax information in the answers for these tests.
accacctrequired	Make the account number field a required field on the order screen.
accacthighlight	Highlight the account number field on the order screen as a blue color to remind the user to make an entry. The field will not be required.
ptlocationrequired	Make the patient location field a required field on the order screen.
clientrequired	Make the client field a required field on the order screen.
forceclientdelonphys	Clear the client field contents on the accession screen, when the user presses the backspace key to delete the ordering physician field information.

Orders Module Permissions	
Permission	**Description**
accdiagload	Load the diagnosis codes from all tests in an accession in the diagnosis list when the accession is reloaded after saving.
clientUserlocmatch	Detect mismatched user location and client entries. The system will try to match the user location with the `FO_Clients.ClientUserLocGroup` value and apply the message described in the `FO_ClientUserLoc.UserMessage` field. Works when user exits the order screen.
defcollttech	Default collection tech for a new order on the order screen with the tech code assigned in the use (FO_Users.LISTechCode field?) table.
autoordfasttest	Order a test code as entered in the lab info table for fasting orders. The test code will be ordered automatically on the order screen while a user is ordering tests.
warnmultimap	Display a message to warn that an ordering physician has more than one client ID mapped to it. The warning occurs when an ordering physician is chosen on the order screen.
donotdefclient	Do not default mapped client to the order client field when a single client is mapped. Client field should be made a required field to ensure that a client is selected.
disabletxtdiag	Disable **Text Diagnosis** button on the order screen.
turnoffplinstr	Do not display test instructions in packing lists under each test.
removetestcodepl	Do not display test codes in requisitions and packing lists for tests that have been assigned to a non-default (blank) performing lab.

Orders Module Permissions	
Permission	**Description**
defUserptloc	Bypass client-based location mapping rules in an order and assign the user location default. If that does not exist, assign the system location default.
evalordphysck	Check the last character of the ordering physician code on the order screen for a checksum match. The user will be prompted to enter an ordering physician code if the checksum does not match.
verifybeforereq	Check to make sure the user has verified the order and answered the ABN question, if any, before the **Requisition** button on the order screen is clicked.
clientvisitsee	Display the client visit number field on the order screen.
defacctoreq	Default the accession number to the requisition ID on the order screen when a new order is created.
colltechnotsee	Remove the collection tech field from the order screen. The defaulting permission will still function in the background.
colltechrequired	Make the collection tech field a required field on the order screen.
recvtechnotsee	Remove the receive tech field from the order screen.
recvtechrequired	Make the receive tech field a required field on the order screen.
diagchngfull	Make the diagnosis change screen full size when started from the **Patient Screen** button.
cc4physinvisible	Remove the 4th physician copy to field from the order screen.
diagsrchcodeonly	Only allow the code field for diagnosis searches on the order screen. Remove the description search text box from the order screen.

Orders Module Permissions	
Permission	**Description**
labacceditoff	Disable edits to the Lab Acc field on the order screen.
sendfinicdord	Queue the diagnosis to be sent to the financial system through the separate re-queue interface on the order screen when diagnosis is changed.
dontmapclientloc	Override all mappings from client to location on the order screen when the user exits the client prompt. Will bypass client to location map logic. No default locations may be set.
setptlocusrloc	Assign user location to user patient location in effect overwriting the value for the `FO_Users.Def_PtLocCode` field.
noviewinstrreq	Do not display the test instructions in the 1-D and 2-D requisition forms when printed.
noorddelete	Remove the **Delete** button from the order screen.
deletebeforelis	Do not allow test deletion after a test has been queued to be sent to an external system. This takes effect on the order process test deletion screen.
onlyfticdlist	Only allow the user to pick a free text diagnosis from the drop-down list. Any others will result in a warning message.
mustenterdiag	Force user to always enter a diagnosis before a test is ordered on the order screen. Override settings for Insurance and Bill To.
loadptdiag	Activate the **ALLPAT** button in the diagnosis area of the order screen. This allows the user to load the diagnosis used in other accessions previously entered for this patient.

Orders Module Permissions	
Permission	**Description**
defspecimenbytest	Allow default for the specimen code at the time a test is ordered. The default will be taken from the `FO_Tests` equivalent fields. This entry may be overwritten if the user selects other container code.
epimapclient	Use provider to client mapping rules when a provider code is entered on the episode screen. If a single match is found, the client code will be automatically entered. If multiple matches are found, the client drop-down list will be populated.
notseeclntmsg	Do not display a warning message if there is a single client mapped to a provider when permission donotdefclient is used on the order screen.
autogenreqid	Automatically generate a requisition ID based on the counter field, Generate_ReqID_ID, of the `FO_Generate_ReqID` table. This will only be done when a new accession is created.
msgUsercall	Remind user to create the call/fax info in the LIS after the **Export** button is clicked. This rule is executed when new info is entered on the call/fax screen.
onlyreqbar	Display only the barcode for requisition ID in the requisition form header.
seecollloc	Activate the collection location field on the order screen.
defcollloc	Default the collection location of a new accession number to the user's user location. No impact to existing accessions.
colllocrequired	Make the collection location field a required field on the order screen.
noeditaftersend	Do not allow editing of an order or the addition of new tests after an order has been transmitted to the LIS.

Orders Module Permissions	
Permission	**Description**
closeafterprt	Close the report viewer screen after the user prints a report with the **Print** or **Print To Default** toolbar buttons.
ptarrivesee	Activate the patient arrival field on the order screen.
ptarriverequired	Make the patient arrival field a required field on the order screen.
chkptidsee	Activate a drop-down box on the order screen to record if a patient's ID was checked at order entry.
chkptidrequired	Make the patient check ID drop-down field a required field on the order screen.
testreorder	Remove all tests ordered by an external source and re-order them to apply the applicable rules.
testsplitsee	Activate the **SPLIT** button on the order screen to allow the user to split tests into a new accession.
cdccollecteval	Use the lab info field `FO_LabInfo.CDCOrderEvalHours` to evaluate the collection date/time of a CDC order. If the order is older than the value it will clear the collect date.
replacepriorityul	Use the user location specific priority to replace any other priorities assigned by the user to a test order on the order screen.
ptarrivenow	Default the patient arrival field on the order screen to the current time if it is empty when an accession is created or opened.
verifyreviewpt	Activate the **Review Patient** button on the order verify screen to branch to the Patient screen.
skipbillonlyicd	Do not apply diagnosis changes to bill only tests. This rule will execute on the diagnosis change screen when the **Apply to All Tests** button is used.

Orders Module Permissions	
Permission	**Description**
extdatasee	Activate the **External** button on the order screen and activate the external data screen for use.
extdataallstore	Activate the **Store to All Tests** button on the external data screen to allow user to copy screen data to all tests.
extdatatststore	Activate the **Store Test** button on the external data screen to allow storing data for a single test.
extdataautofill	Activate the **Auto Fill Demographics** button on the external data screen.
extdatadismrn	Disable editing of the foreign MRN and qualifier fields on the external data screen.
dontmapphysclient	Override mapping for provider to client on the order screen and only allow the choice for client from `FO_Users.AssignedToClientCodes` field.
nonewexport	Turn off the **Export** button on new orders. Only allow the **Export** button to be displayed if a user opens an order after it has been stored and the **Exit** button is clicked.
ordcopysame	Compare the ordering physician to all the 'copy to's at the time of order when the **Exit** button is clicked. If a 'copy to' matches the ordering, then prompt the user and do not allow them to exit until it's fixed.
zerofilllabacc	Zero fill the beginning of a Lab Accession number generated by Fast.
asapgoptsee	Activate the ASAP order level priority radio button on the order screen.

Orders Module Permissions	
Permission	**Description**
sendreceipttoif	Trigger an export transaction (send to interface) a receipt transaction (XR) when a new test order is triggered for export.
testworkloadsee	Activate the Workload column of the test list on the order screen.
srworkloadsee	Activate the general Workload field on the specimen receipt screen. This is not the field in the specimen list.
futureordnoepisexp	Bypass the episode creation and order export screen when an order qualifies as a future order. Do not allow creation of an episode or export of the order.
autoupdtestcolldt	Automatically update the test level collection date and time with value entered in the order level collection date and time. Rule executes when the date/time fields are exited or when a **Tubes** or **Verify** button is clicked.
askupdtestcolldt	Ask the user if the collection date and time at the test level on the order screen should be updated when the user changes the order level collection date/time. Rule executes when date/time fields are exited.
reqsignsee	Activate the Requisition Signature drop-down field on the order screen.
reqsignrequired	Make the requisition drop-down field a required field on the order screen.
editvaltest	Allow the user to edit the ValidateTestCode field on the order screen test list spreadsheet.
accextepis	Check for external episodes when the user drops down the Client Visits (CV) drop- down field on the order screen.

Orders Module Permissions	
Permission	**Description**
ordegccprov	Restrict search for 'copy to' providers on the order screen to members of the user's entry group code.
ordchktstorderable	Verify that a test code is orderable after consolidation and test duplication logic and before a test code is stored when the **ORDER** button on the order screen is clicked.
ordwkloadblue	Turn the Workload field back color to blue on the order screen if the field is visible.
chkordphysactivecdc	Check the ordering physician for external orders to see if active the first time an external order is opened on the order screen.
iftstonlylabacc	Validate the orders to be exported when the **Export** button on the order screen is clicked. Do not allow export if all tests in the accession do not have a LabAcc. Display a warning message if some tests do not have a LabAcc but some do.
blockcdcptidedit	Disable editing of the Client Pt ID field on the order screen if the order came from the CDC and the Client Pt ID had a value. Editing will be allowed if the user deletes the Client Pt ID. (how can the user delete it if the field doesn't allow editing?)
nomapifhaveclient	Bypass the client and location mapping when the user tabs out the ordering physician field if a client ID is already there.
viewlisordx	Activate the LisOrdx field on the test list spreadsheet on the order screen.
collbylabsee	Activate the checkbox field Collected By Lab on the order screen.
collbylabrequired	Make the Collected By Lab field a required field on the order screen. (is this the checkbox field?? if so, and is required, does it default to checked?)

Orders Module Permissions	
Permission	**Description**
autogenreqidcdc	Automatically generate a requisition ID for Client Data Concentrator (CDC) orders when the order is first opened on the orders screen and the Req ID is blank.
colldtrequired	Make the collection date and time fields required fields on the order screen.
ordlimit25tests	Limit the number of tests a user can create in one accession to 25 tests. User will be warned that no more tests can be added.
defUserlocptloc	Check to see if the defUserptloc permission is applied and, if so, default the patient location code to the user location selected at the time the user logged in. User locations must be defined in the `FO_PtLocations` table.
notxtdiagverify	Do not display the text diagnosis verification prompt when a user chooses a text diagnosis on the order screen.
qareqhighlight	Highlight mandatory question rows in yellow on the question answer screen launched from the order screen.
qareqforce	Warn user that they cannot exit the question answer screen before they answer all mandatory questions.
qareqwarn	Warn user that there are un-answered mandatory questions in the question answer screen but allow user to exit the screen.
blockrepairfiller	Automatically make the `FO_Accessions.IFfillerID` field equal to the OBR filler field on the external data table when repairing a CDC order when the order is opened for processing.
chkmpireqcv	Check if the MPI qualifier assigned to the Client Pt ID on the order screen requires a CV and warn the user. Rule executed when Verify Order button is clicked.

Orders Module Permissions	
Permission	**Description**
chkvermrn	Check if the MRN is missing and prevent user from verifying an order on the order screen.
bpsendordlisrcv	Send the order to the LIS, if one has not been already sent, upon receipt of a batch container.
blokedttstcoll	Disable editing of the test level collection date/time and tech fields in the test list on the order screen.
blokedttstrecv	Disable editing of the test level receive date/time and tech fields in the test list on the order screen.
valordclntidverify	Prompt user to verify the client code when the Verify button on the order screen is clicked on a new user created order. If the client code does not match the one in the order, user will not be able to verify the order.
valordclntidvermult	Prompt user to verify the client code when the Verify button on the order screen is clicked on a new user created order that has multiple client matches for the provider code. Similar to permission valordclntidverify above.
orddefcvnacct	Default the CVN value to the ACCT field value on the order screen as long as ACCT is blank. Rule executes when the user exits the CVN field.
blockaccdiffpt	Warn user that the account number used on the order screen has been used on a different patient and then clear it so it can be re-entered. Rule fires on exit from Acct field on order screen.
warnaccdiffpt	Warn user that the account number used on the order screen has been used on a different patient but will not clear it. Rule fires on exit from Acct field on order screen.

Orders Module Permissions	
Permission	**Description**
labaccunique	Recognize that LabAcc values are unique and do not apply date ranges when searching by LabAcc.
oauseaccforreqid	Substitute the FASTaccession number for the Req ID value in operations on the order action screen, change the action type to FPACCESSION, and the **Req If** button label to **FP Acc**, when the user presses the **REQ ID** button to store an order action.
ordskipaddonexit	Bypass the logic to send add-on test orders from the **Exit** button on the order screen. User will be required to export orders again.
ordcbtndefnow	Default the order level collect date and time to NOW when the **C** button on the order screen is clicked.
cidplcreatebypass	Bypass container management tasks when creating an order. Allow user to exit an order without creating a performing lab code and any CIDs. Use a different permission to block user from the Tubes screen.
ordpticdload	Activate the **PAT** button next to the ICD list on the order screen so the patient ICDs in the `FO_Patient_Diagnosis` table can be loaded to the order.
testactionfrmuse	Display the Test Action form for a test code on the order screen test list.
ordcontlsttext	Treat the received container list field on the order screen as text and store it and retrieve it as such. The data entered will not be applied to the order.
ordtriggerrre	Trigger all orders created in FASTto RRE no matter what the receipt date is at the time the **Export** button or the **Order Process** button is clicked.

Orders Module Permissions	
Permission	**Description**
lsclientloconly	Limit the location search on the collection location screen to display only locations mapped to the order client.
testcancblockext	Block cancellation of tests that originated from a CDC or TDC order. Executes in test cancelation screen.
testdelblockext	Disable deletion of tests that originated from a CDC or TDC order. Executes in test cancelation screen.
qaskipcanceltc	Exclude AOE questions that belong to canceled tests from displaying in the order question list and from causing the task list to indicate missing questions.
cfnodefphone	Do not assign the phone/fax number from the contact list entry chosen when the call or fax number in the old call fax specifics screen is clicked.
splitcolrcvblank	Clear the collection (test level only), verification and receipt dates/techs and device/user location in the order and test level during a test split to a new accession for the new accession.
splitplblank	Clear the performing lab code during a test split to a new accession for the new accession.
reqUserfillin2	Displays and enables user fill in prompts on order requisition form when printed. fields appear on header with TP93 or? TP94.
provinsexclude	Check to see if an exclusion message has been defined for the ordering provider of an order and the patient's primary insurance code.
qachkedtmsksave	Re-check the edit mask for all answers on the order question screen when the **Save** button is clicked. User will be prompted to return and change the answer if edit mask fails.

Orders Module Permissions	
Permission	**Description**
explpkgonlyinparent	Override the logic that assigns the package code for a test to the same value as parent test code for an exploded package on the client-driven order screen. Value only stored in parent test code.
splitcopyoaevent	Copy the event-level order actions when a test is split, to the new accession, if the order action has not yet been processed.
splitcopyoareqid	Copy the Req ID level order actions when a test is split, to the new accession, if the order action has not yet been processed.
splitcopyoalabacc	Copy the LabAcc level order actions when a test is split, to the new accession, if the order action has not yet been processed and the LabAcc value is NULL.
reqidalphanum	Remove non-alphanumeric characters on a Req ID value when the user tabs out of the field and the **Verify** button is clicked.
ordcancyellow	Change the test code field background to yellow if the test is canceled. May be overridden by other settings like invalid test code logic.
ordcancwarnexprt	Warn user that canceled tests exist in an order when an export to LIS process is triggered.
clntchgprsvloc	Preserve the existing location code in the order when the user uses the **Client** button to change the order client on the client-driven order screen.
clntchgprsvprov	Preserve the existing provider code in the order when the user uses the **Client** button to change the order client on the client-driven order screen.
accexpt10mrn	Override the account logic setting and force a blank account number in an order to be a unique number based on patient, ordering provider and collection date.

Orders Module Permissions	
Permission	**Description**
qacodedrivenscreen	Use the coded-element-driven answer screen for question and answer management when the **QA** button on the order screen is clicked.
qacodeUserrevwedit	Allow user to change the reviewed flag of an answer in the code-driven question/answer screen if no validation flag is present.
ordrevdefview	Default the order view/edit mode to view. All orders will open in view mode and the user will have to reload them to edit mode.
mpiwrkflowcolldate	Use workflow-based collection date logic based in MPI preserve fields for a CDC or TDC order when first opened. This overrides cdcblankcollopen [Orders Module, Screen: Client-Driven] and tdcblankcollopen [Orders Module, Screen: Client-Driven].
ordprocchkmsngrcvla	The system will try to recover missing receipt times for tests within a LabAcc. Checks to see if some tests in a LabAcc have been received and defaults the others with the same time in the client-driven order screen at time **Process** button is clicked.

Orders Module - Screen: Accession History Permissions

Orders Module - Screen: Accession History Permissions	
Permission	**Description**
limitacchistorysee	Allow display of search limitation tools by date range and accession in the past order section of the accession history screen.

Orders Module - Screen: Accession History Permissions	
Permission	**Description**
limitsoacchistorysee	Allow display of search limitation tools by date range and accession in the standing order section of the accession history screen.
transferord	Activate the **Transfer** button on the accession history screen to allow user to transfer an accession from one patient to another.
odcorders	Activate the **Un-Recv'd Client Orders** button on the accession history screen to show CDC orders.
ordhistnewinvis	Remove the **New/Review Order** button from the accession history screen. No new orders can be created.
ordhistnewtxt	Change the label on the **New/Review** button on the accession history screen to include the word **Order** and remove the picture.
acchisthub	Activate the **Hub Maintenance** button on the accession history screen to allow launching of the CSTools SLM module screen.

Orders Module - Screen: Client Driven Permissions

Orders Module - Screen: Client Driven Permissions	
Permission	**Description**
fastingoptsee	Enable radio button for fasting option on original order screen or YES /NO drop-down on client-driven order screen. Display the fasting column at test level on the client-driven order screen.
orddefUserprov	Use the user's default provider? code when a new order/accession is created on the client-driven order screen.

Orders Module - Screen: Client Driven Permissions	
Permission	**Description**
orddefUserclient	Use the user's default client code when a new order/accession is created on the client-driven order screen.
orddefUserptloc	Use the user's default patient location code when a new order-/accession is created on the client-driven order screen.
ordlimitassigclient	Limit the choice of clients for an order to those listed in the user assigned client code list in the `FO_Users` table. Applies to the client-driven order screen.
forcelocclientchange	Clear the patient location fields when the client code has been changed. Applies to the client-driven order screen.
blockclientchngcid	Disable editing of the client code after CIDs have been assigned. Applies to the client-driven order screen.
blockprovchngcid	Disable editing of the provider code after CIDs have been assigned. Applies to the client-driven order screen.
autoresolvetest	Warn user that the order has conflicts, if any, but then proceed to automatically resolve the conflicts. Applies to the client-driven order screen.
spwcntrecvrequired	Make the Received Containers field a required field on the client-driven order screen if the current workflow is Specimen Presents.
ordovercritssee	Activate the critical field override button on the client-driven order screen.
blockpriorityifcid	Disable editing of the priority at test level if a CID has already been assigned to the test. A warning is displayed and user is blocked from making a change. Applies to the client-driven order screen.

Orders Module - Screen: Client Driven Permissions	
Permission	**Description**
spwusedefcoltech	Check to see if the collection tech code is blank and default it to the value from `FO_LabInfo.SpecimenPresentsDefTechCode`. Applies to first opening of an electronic order or when first test is ordered on the client-driven order screen.
ordprovnameexp	Expand the provider name width on the non-client-driven order screen provider drop-down list.
cdosoverride	Override the client-driven order screen lab info setting if set to TRUE. In affect it will cause the user to see the original order screen.
reqdefaccwarn	Warn user that the Req ID field requires a value when the field is required and the user tries to exit the field on the client-driven order screen.
reqdeftcordfpacc	Default the Req ID field when a test is ordered on the client-driven order screen if the value is blank or a semicolon.
usedefclntptlocfrst	Default the patient location code on the client-driven order screen to the `FO_Clients.defloccode` value if one exists and the patient location is blank. This will execute when the client is first entered or when the client is changed.
reqdefaccwarnmpi	Warn user that the Req ID field requires a value when the MPI level flag is true, and the user tries to exit the field on the client-driven order screen. Cannot be used at the same time as reqdefaccwarn.
cdcblankcollopen	Clear the collection date/time when a CDC order is opened for the first time on the client-driven order screen. This rule may block automatic test adjudication if test conflicts occur in an electronic order.

Orders Module - Screen: Client Driven Permissions	
Permission	**Description**
tdcblankcollopen	Clear the collection date/time when a TDC order is opened for the first time on the client-driven order screen.
ordmpicvnuse	When tabbing out of the Client Pt ID field on the client-driven order screen, if the MPI contains an Episode ID, and the CVN field is blank and the Client Pt ID field is blank, the CVN will be filled with the MPI value. Permission autofillordcldptid is also required.
useprovdrivenordscrn	Override the use client-driven order screen setting if set to true and cause the provider-driven order screen to be used.
useclntdrivenordscrn	Override the use client-driven order screen setting and cause the client-driven order screen to be used.
ordviewloadedit	Activate the **Edit Order** button on the client-driven order screen when the order view only mode is set. This will allow the user to reload the order in edit mode.
ordviewsplittst	Activate the **Split Test** button on the client-driven order screen when the order is in view mode.
ordhidemulticlr	Remove the multicolor button on the client-driven order screen test list.
warnwrkldrequired	Check all tests ordered on the client-driven order screen when the **Verify** button is clicked to see if a workload is desired using the `FO_Tests.AskUserForWorkLoadCode` field. Warn user if any do not have it.
forcewrkldrequired	Check all tests ordered on the client-driven order screen when the **Verify** button is clicked to see if a workload entry is required using the `FO_Tests.AskUserForWorkLoadCode` field. Do not allow user to verify if any do not have it.

Orders Module - Screen: Client Driven Permissions	
Permission	**Description**
ordpopspotlight	Present the order related message popup window when a client spot light flag is set and the window has not been shown to the user yet on the client-driven order screen, when the **Verify** button is clicked.

Orders Module - Screen: Common Test List Permissions

Orders Module - Screen: Common Test List Permissions	
Permission	**Description**
ordmytests	Activate the **Search Tests** button on the order screen to allow for presentation of common tests and test searching.
cmtlshowaddtest	Activate the **Add Tests to My List** button on the common test list screen after user performs a test search.
cmtlsUserforcode	Use the UserName value as the CommonTestListCode value if one is not provided in the `FO_Users` table, to allow the display of common tests. Testo permission cmtlsclientforcode
cmtlsclientforcode	Use the client code as the common test list code on the common list screen.

Orders Module - Screen: Order History Permissions

Orders Module - Screen: Order History Permissions	
Permission	**Description**
unexported	Activate the **Not Exported Acc** button on the order history screen to allow user to select for the un-exported accessions to be shown. The un-exported accessions for the date range indicated will be shown.
ordhistsee	Display and enable the order history and question history drop-down lists on the order screen.
ordreviewmode	Prompt user to view or edit an accession before opening the order screen, when the user clicks the **Review** button on the order history screen.
ptsrchordhist	Activate the **Order History** button on the patient search screen to allow for direct branching to that screen.
ordhistrecvinv	Remove the Received and Un-Received buttons on the order history screen.

Orders Module - Screen: Test Cancellation Permissions

Orders Module - Screen: Test Cancellation Permissions	
Permission	**Description**
testcanceltoday	Allow test cancellation on the same day they are ordered if the accession has not been received.
testcancbeforerecpt	Allow test cancellation up to the time they are received. Do not allow test cancellation after receipt.

Orders Module - Screen: Test Cancellation Permissions	
Permission	**Description**
cancelbeforelis	Do not allow test cancellation if the test has been queued to send to the LIS Host. Applies to the test cancellation screen in the order process.
testcancbeforecid	Do not allow test cancellation if a CID has been assigned. Applies to the test cancellation screen.
testdelbeforecid	Do not allow test deletion if a CID has been assigned. Applies to the test cancellation screen.

Payment Collection Module Permissions

Payment Collection Module Permissions	
Permission	**Description**
seepaymodule	Activate buttons on the patient demographic and order screens to allow access to the Payment Collection Module.
recordpayment	Activate appropriate button on the payment collection screen to allow the recording of payments.
paymentreceipt	Activate the **Receipt** button on the payment collection screen.
payrptbyUserloc	Use the **User Loc Summary** button on the payment collection screen to allow printing of a report by the user's user location.
paytptallUserloc	Use the **User Loc Summary** button on the payment collection screen to print a summary report for all payments for a date for all user locations.
editpayment	Activate the **Edit Payment** button to allow payment editing on the payment collection screen ??? in the payment collections module.
deletepayment	Activate the **Delete Payment** button to allow payment editing on the payment collection screen ??? in the payment collections module.
taxbyzip	Use the sales tax for payments from the `FO_Zips.SalesTaxPercent` field. If this is not used, system will look for sales tax in `FO_LabInfo` by user location.
paycredithide	Remove the credit card related fields on the payment screen.

Performing Lab Module Permissions

Performing Lab Module Permissions	
Permission	**Description**
assignperflabbyins	Allow the system to assign intended performing lab exceptions by primary insurance, client ID and test code.
editperflab	Enable editing of the perflabcode field on the order screen test list.
checkplclientordexit	Check to see if the client ID has changed in an order from when order was last saved and attempt to re-identify the performing lab.
Userlocperflab	Have system look for a user's user location group specific performing lab rules. System looks for rules for user location group when user logs in.
chkperflabalways	Bypass all other permissions and always check and calculate performing lab at the time of order entry and single specimen receipt. Bypass the insurance client's settings and assume |ALL|.
specrecvchkcidpl	Check if the performing lab and Container ID are blank in the specimen receipt module and attempt to fill them with rules.
futureordernoperflab	Do not assign a performing lab if an order is assigned future order status until the collection date is adjusted to eliminate future order status.
blnkrecvperflab	Clear the receipt date/time and tech fields in the order list (accessions table) of an order if the user changes the performing lab code field value for a test.
adjustrecvperflab	Clear the test receipt fields on the order screen when a user changes the perflabcode, for a test, if the performing lab does not equal the user performing lab or if the performing lab value is blank. Otherwise auto-receive the test.

Performing Lab Module Permissions	
Permission	**Description**
useperflabtestlist	Display and enable a list of performing labs defined for a particular test in the `FO_Tests.TestPerfLabCodeList` field, upon drop-down of test list performing lab field. Otherwise load in all performing labs from the `FO_Perf_Lab` table.
useallperflabsalt	Display and enable a list of all performing labs in the `FO_Perf_Lab` table if no test specific performing lab(s) is found when permission useperflabtestlist is used.
blockeditplcm	Disable editing of the performing lab code field on the container management (tubes) screen. Disable editing even if the containermgmtedit permission is used.
specrecvplblock	Disable editing of the performing lab field on the single specimen receipt screen.
ordadjblnkperflab	Do not record the performing lab code during a test conflict adjudication on the order screen. Allow user to make changes and then have the system recalculate it.
autocalcplelectronic	Automatically calculate the performing lab for each test when an order for the CDC /TDC interface is first loaded. Applies to the client-driven order screen.

Registration Module Permissions

Registration Module Permissions	
Permission	**Description**
ptsee	Activate the button to review patient data on the patient search screen.
ptsave	Activate the **Save** button on the patient demographics screen. Allow user to save patient information.
ptnew	Allow user to create new patients.
ptdeltoday	Allow user to delete a patient created today only.
ptdelany	Allow user to delete any patient.
exportpt	Display and enable the **Export Demographics** button and allow transfer to FAST registration screen and HL7 interfaces.
seeallptdemo	Allow user to access all patients in the system. If not set, user can only see assigned patients by entry group code.
addinsadds	Add new insurance addresses. Allow addition of a new insurance address on the patient?? demographics screen.
addins	Add new insurance plans. Primarily for lab use to add new insurance plans using **+** button on patient demographics screen.
clientanyassign	Assign any client as patient responsible party on patient demo-graphics screen.
skipaddressline2	Allow skipping Address Line 2 on patient demographic entry.
addmiscins	Allow addition of miscellaneous insurance on patient demographics screen using **+** button. For client use.

Registration Module Permissions	
Permission	**Description**
verifypatient	Activate the **Verify** button on the patient demographics?? screen and allow patient verification fields on `FO_Patients` table to be filled in.
setfidtodefault	Default Facility ID for a patient to the `FO_LabInfo.DefaultFacilityID` field. Must have default ID defined for user.
setfidtoUserfid	Default Facility ID for a patient to the `FO_Users.FacilityID` defined for the user. Must have single facility ID for user.
facilityidedit	Allow user to edit Facility ID field. User must have the facilities they are expected to access defined in FO_Users.FacilityIDCodes field.
facilityidinvisible	Remove Facility ID field from patient registration screen.
defaultspecies	Default Species Code and Species Name on patient registration screen to the defaults in the `FO_LabInfo` table.
esrdinvisible	Remove ESRD field from patient registration screen.
setrptoselfifnull	Default Responsible Party to SELF if no responsible party name is present.
rpinvisible	Remove responsible party fields from patient registration screen???.
rpdisabled	Disable editing of responsible party fields on patient registration screen. Allow display of field contents without edit.
allinsinvisible	Remove all insurance related fields from patient registration screen.
altptidinvisible	Remove ALTPtID field from patient registration screen.
allinsdisable	Disable editing of insurance fields on patient registration screen.
insaddressdisable	Disable editing of insurance address fields on patient registration screen???.

Registration Module Permissions	
Permission	**Description**
altptiddisable	Disable editing of ALTPtID field on patient registration screen.
dupptcheckdob	Enable duplicate patient checking by name and DOB. Activate buttons and appropriate functionality at field exits on patient registration screen and other screens.
dupptcheckssn	Enable duplicate patient checking by SSN only at SSN field exit. Use instead of dupptcheckssndob permission. Activate buttons and appropriate functionality at field exits on patient registration screen and other screens.
dupptcheckssnname	Enable duplicate patient checking by name and SSN at SSN field exit. Use instead of dupptcheckssn permission. Activate buttons and appropriate functionality at field exits on patient registration screen and other screens.
ptmrnumrequired	Make the patient MRN field a required field on the patient demographics screen.
generatemrnum	Allow user to generate MRN numbers. Activates button on patient demographics screen if there is no MRN assigned to the patient. Requires `FO_LabInfo. mrnumgenerationroutine` field to be filled in with either 'ALPHA4NUMBER4' or 'NUMBER'.
recentptdeactivate	Do not allow storage of recent patient data in `FO_UserLocPt` table. The Recent Patient search type will not work with this rule. Meant for Lab users not clients.
akanameinvisible	Remove AKA Name field from patient demographics screen.
speciesvetonly	Mandate veterinary species selection only in patient?? demographics screen species drop-down list. Selects for species records with `FO_Species.Veterinary` defined to 1.

Registration Module Permissions	
Permission	**Description**
ptdiagchangesee	Activates the **Diagnosis** button on the bottom of the patient demographics screen. Allow display of the diagnosis change screen mainly to be used by billing staff. (Patient/Order level diagnosis)
ptmrnumnoedit	Disable editing of the MRN field on the patient demographics screen but allow user to assign an MRN by clicking on the **MR#** button.
autoverifypt	Automatically stamp a patient as verified each time the **Save** button is clicked on the patient??? demographics screen. This will cause all patients to qualify for the billing interface to transmit as long as there is an order with a lisordx value.
saveorderentrygrp	Associate and store the user's `FO_Users.EntryGroupCode` for that patient when an order is placed on the order screen.
saveorderinqgrp	Associate and store the user's `FO_Users.InquiryGroupCode` and the physicians – where does this come from??? on the order screen during a test order on the order screen.
exitordtomain	User returns to a blank patient search state or integrated search screen after exiting the episode transmit to host screen bypassing the accession history screen.
autoverifyptprompt	Automatically stamp a patient as verified each time the **Save** button is clicked on the patient??? demographics screen and the user confirms the verification prompt. This will cause all patients to qualify for the billing interface to transmit.
forceepihostupd	Force an A08 or A04 transaction to be sent to the host system when a user updates episode critical data on the order screen. Ordering Physician, Client and Collect date.

Registration Module Permissions	
Permission	**Description**
promptverifyexit	Prompt user to verify a patient when the **Exit** button on the patient demographics screen is clicked.
ptlabelbtnsee	Allow printing patient demographic labels from the patient demographics screen and activates patient label printing environment.
ptlabelatsave	Automatically queue a patient demographic label to print when the **Save** button on the patient??? demographics screen is clicked.
autoverbyins1	Automatically stamp the patient verification date/time/user fields when a primary insurance with an autoverify flag is selected. Action taken at the time the patient is saved.
forceepionaddon	Trigger an episode critical data update and send an A08 or A04 to the host when tests are added to an order previously exported. One transaction per add-on test. Occurs on order exit. Does not require order export if previously done.
forcesendepiord	Trigger an A08 or A04 to be sent to the host for each new order created even if the episode was sent before when the **Export** button is clicked after a new order.
insrank	Allow user to search for insurances on patient demographics screen by primary, secondary or NULL rank. Primary rank to be used for primary insurance, secondary for secondary only and NULL for either one.
insUsergroup	Limit the insurances displayed when a user searches for insurance on the patient demographics screen to those assigned to a group the `FO_Users.Ins_User_Assignement` field and referenced to the `FO_Ins.Ins_User_Assignement` field.

Registration Module Permissions	
Permission	**Description**
ptsaveexit	Automatically click the **Exit** button to allow user to exit the patient??? demographics screen when the **Save** button action is successful.
genmrnptsave	Automatically generate an MRN number when the **Save** button on the patient??? demographics screen is clicked. Requires an MRN generation routine.
autoupdptonsave	Automatically update the patient name, gender, and DOB in the guarantor and insurance fields if the relationship is set to SELF. This will occur in the patient demographics screen when the **Save** button is clicked.
nospacesinins	Check for spaces in the Insurance Code at the time one is selected on the patient??? demographics screen and clear the entry if spaces are found.
accsrchnomrn	Check to see if MRN is present on the accession search screen from the **BarCode** toolbar icon. If not the user is informed and may continue with the patient demographics screen.
ptnotesinvisible	Remove the Notes/Memo field from the bottom of the patient demographics screen.
disableautoinsrel	Do not automatically set the last name of the insured on the patient??? demographic insurance entry to be the last name of the patient if child or spouse is chosen.
relmandatoryifpol	Make the relationship field and insured name field required fields on the insurance entry portions of the patient??? demographics screen if a policy number is entered.

Registration Module Permissions	
Permission	**Description**
exportbtnturnoff	Remove the **Export** button on the patient??? demographics screen if this permission is used and the permission exportordertoif is not present.
ptverifyordsave	Automatically verify the patient after an order has been created and saved. The `FO_Patients.VerifyDate` datetime stamp will be updated.
policymaskreset	Clear the policy field value if it fails the edit mask check for multiple edit masks. This occurs on the patient demographics screen.
workersrequired	Verify that user filled in the Workers Comp Date and Cause fields. If fields are not filled in, the Workers Comp button in the task list at the order screen will be mandatory requiring the user to fill it in before exiting the order.
warninsrank	Display a message when an insurance search did not result in a match because the insurance was not found or the rank did not match.
wcnomandatory	No required fields on order workman's comp screen. All fields that have data will be stored.
ptclntdisable	Disable the Client ID related responsible party fields on the patient demographics screen.
racesee	Enable the Race drop-down field list on the patient demographics screen.
ethnicitysee	Enable the Ethnicity drop-down field list on the patient demo-graphics screen.
pthometelrequired	Make the patient home telephone field a required field on the patient demographics screen.

Registration Module Permissions	
Permission	**Description**
detectnoprimins	Check if a secondary insurance was entered with no primary insurance and, if so, prompts user to define primary insurance. Rule executes when the **Save** button on the patient demographics screen?? is clicked.
setrptoselfifnull18	Default the responsible party to SELF if there is no responsible party name and the patient is older than 18 years old. Rule executes when the **Save** button on the patient demographics screen is clicked.
pteligibilitysee	Activate the eligibility buttons and logic on the patient demographics screen.
ptaddr30	Check to see if the patient and responsible party address fields are more than 30 characters. Do not allow user to save the patient information until those fields are corrected to 30 characters. Rule executes when the **Save** button on the patient demographics screen is clicked.
ptcentrallinesee	Display and enable the Central Line Expiration Date field on the patient demographic??? screen.
exdemogsee	Activate the **Exception** button on the patient demographics screen so the user can create exception reports.
forceptrevaccauto	Force user to view the patient??? demographics screen when searching by Accession, ReqID or Lab Acc from the main toolbar search option list.
dupcheckadv	Use the multi-query advanced duplicate check routine when user clicks on the **Duplicate Patient Check** button on the patient??? demographics screen. Replaces all other related permissions.

Registration Module Permissions	
Permission	**Description**
ptdeletemrnno	Prevent user from deleting a patient that has an MRN value when the **Delete** button on the order screen is clicked.
ptdemshist	Activate the **History** button on the patient demographics screen.
ptdemsreport	Activate the **Report** button on the patient demographics screen.
ptshowinvalidins	Display the insurance code and name on the patient demographics screen even if it does not exist in the `FO_Ins` table.
nopromptptchange	Prompt user to ask if user wants to save data if no??? changes on the demographics screen. The system will automatically store the data.
ptverifyprompt	Prompt user for the patient verification date value on the patient??? demographics screen when the **Verify** button is clicked.
ptsrchmyactive	Activate the **Show My Active Patients** button on the patient search screen.
emailinvisible	Remove the Email field from the patient demographics screen.
pttelinvisible	Remove the patient telephone fields from the patient demographics screen.
foidinvisible	Remove the FOID field from the patient demographics screen.
chkinsdirectord	Display message to user that there is no insurance and branch to the patient demographics screen when the **Patient Search Order History** button is clicked.
ptvennotes	Display and enable the venipuncture notes field on the patient demographics screen.
ptdiagbtn	Activate the **Patient Diagnosis** button on the patient demographics screen. Patient Level Diagnosis.

Registration Module Permissions	
Permission	**Description**
ordptdiagload	Automatically load the patient diagnosis from the FO_Patient_Diagnosis.DiagnosisCode field into the order diagnosis list when a new order is created.
ptnsoverridesee	Activate the **Full Name Override** button on the patient name screen and allow for manual full name editing, bypassing rules.
rpnodefnameself	Do not default the patient name in the responsible party name when SELF is chosen as the relationship on the patient demographics screen.
mpiskipnonh	Skip patient duplicate checking when the Species Code is not H (Human) or it is a blank value.
insevalpolmsg	Evaluate and display, if needed, policy-based insurance messages for an insurance code in the FO_INS_Policy_Messages table when user tabs out of a policy number field on the patient??? demographics screen.

Registration Module - Screen: Census Permissions

Registration Module - Screen: Census Permissions	
Permission	**Description**
ptcensusbtn	Activate the **Census** button on the patient demographics screen.
clmultitype	Allow creation of multiple patient collect location entries with the same location type code on the census and order collection list??? screens.

Registration Module - Screen: Census Permissions	
Permission	**Description**
cldeletebtn	Activate the **Delete** button on the census and order collection list screens.
cleditbtn	Activate the **Edit** button on the census screen.

Registration Module - Screen: Employer Permissions

Registration Module - Screen: Employer Permissions	
Permission	**Description**
ptempsee	Activate the **Employer** button on the patient??? demographics screen so the Employer Data Entry screen can be accessed.
ptempedit	Allow user to change data on the patient employer entry screen.

Registration Module - Screen: Expiration Lock Permissions

Registration Module - Screen: Expiration Lock Permissions	
Permission	**Description**
ptinsexprules	Block insurance entry if the expiration date is in the future upon opening the patient demographics screen by executing the insurance expiration date based rules.

Registration Module - Screen: Expiration Lock Permissions	
Permission	**Description**
ptpersonexprules	Block person data entry if the PersonDataUpdateExpiration expiration date is in the future upon opening the patient demographics screen by executing the person info expiration date block rules.
ptdemexpblockoff	Do not check the expiration-based locks on the patient demographics screen. Allow user edit fields available to them by other permissions. (which permissions??)
ptfieldexplockbtn	Activate the **Exp. Lock** button on the patient demographics screen. Allow user to access the Demographics Field Expiration Lock screen.
ptfieldexplockmod	Allow user to edit the field expiration lock settings on the Demographic Field Expiration Lock screen.
demblockoverride	Allow user to override the demographics expiration block rules by using the **Override** button on the Demographic Field Expiration Lock screen.
demblocksave	Activate the **Save** button on the Demographic Field Expiration Lock screen.

Registration Module - Screen: Insurance History Permissions

Registration Module - Screen: Insurance History Permissions	
Permission	**Description**
ptinshistorysee	Activate the **Insurance History** button on the patient??? demographics screen. Turns on the Insurance History Screen.

Registration Module - Screen: Insurance History Permissions	
Permission	**Description**
inshistimport	Activate the Insurance Import buttons on the insurance history screen to copy insurances defined for the patient into the insurance history screen.
inshistexport	Activate the export buttons on the insurance history screen to export history records to the patient demographics screen.
inshistdelete	Activate **the** Delete button on the insurance history screen so user may delete history records.
inshistverify	Activate the **Verification** and **Expiration** buttons on the insurance history screen so user can verify and expire insurance records.

Registration Module - Screen: Name Detail Permissions

Registration Module - Screen: Name Detail Permissions	
Permission	**Description**
nmrmvprefx	Remove name prefixes from the last name when the **Save** button on the patient??? demographics screen is clicked.
nmrmvsufx	Remove name suffixes from the last name when the **Save** button on the patient??? demographics screen is clicked.
nmprefixstore	Store the patient name prefixes when the **Save** button on the patient??? demographics screen is clicked.
nmsuffixstore	Store the patient name suffixes when the **Save** button on the patient??? demographics screen is clicked.

Registration Module - Screen: Name Detail Permissions	
Permission	**Description**
ptnamebuttonsee	Activate the **Patient Name Change** button on the patient??? demographics screen so user may interact with name detail fields.
ptnameeditdisable	Disable data entry of the Patient Name on the patient demographics screen. To edit the name, user must use the **Patient Name Change** button.
ptnsstoredata	Activate the **Store** button on the patient name change screen. Stores data when it is changed.
ptnsallowallprfx	Allow user to type name prefixes on the patient name change screen that are not in the `FO_Lab_Info.RecognizedPrefixes` field.
ptnsallowallsfx	Allow user to type name suffixes on the patient name change screen that are not in the `FO_Lab_Info.RecognizedSuffixes` field.
ptnsblocksfx	Lock the suffix field and do not allow data entry for that field on the patient name change screen.
ptnblockprfx	Lock the prefix field and do not allow data entry for that field on the patient name change screen.

Registration Module - Screen: Next of Kin Permissions

Registration Module - Screen: Next of Kin Permissions	
Permission	**Description**
nextofkinsee	Activate the **Next of Kin** button on the patient??? demographics screen so the Next Of Kin screen can be accessed.

Registration Module - Screen: Next of Kin Permissions	
Permission	**Description**
nextofkinedit	Allow user to create or edit next of kin entries on the Next Of Kin screen.
nextofkindelete	Allow user to delete next of kin entries on the Next Of Kin screen.

Result Module Permissions

Result Module Permissions	
Permission	**Description**
results	Activate toolbar Access icon for branching to result system.
ptsrchresults	Activate the **Patient Results** button on the patient search screen.
resusecst	Branch to CS Tools and use the result inquiry screen when a the **Red Phone Result** button on the accession history screen is clicked.

Spec Archive Module Permissions

Spec Archive Module Permissions	
Permission	**Description**
srupdateperflabcode	Update the performing lab code in the `FO_Accessions` and `FO_Acc_Tubes` tables when user performs a single specimen receipt. Value used on the screen will be used for the update.
sarchview	Turn on toolbar icon to allow access to the specimen archive screen and functionality.
saadddelrack	Activate buttons on the archive screen for defining new racks and deleting exiting rack definitions from the `FO_Archive_Rack` table.
sadelrackitem	Activate the **Delete List Entry** button on the specimen archive screen. Used to delete rack items from the search list.
saclearrack	Activate the **Clear Rack** button on the specimen archive screen. Used to delete the contents of whole racks.
sacleardev	Activate the **Clear Device** button on the specimen archive screen. Used to delete the contents of whole devices and all racks within them.
sastoreentry	Activate the **Store Entries** button on the specimen archive screen to store entries on the specimen archive screen.
sastoreatscan	Automatically store an accession on the specimen archive screen when the user exits the search accession field. Any changes to the rack entry after that will require an update process.
sadefcontainer	Default the container code on the specimen archive screen with the last container code used after the first entry is made.
sadefspectype	Default the specimen type on the specimen archive screen with the value from the last entry after the first entry is made.

Spec Archive Module Permissions	
Permission	**Description**
sacleardiscloc	Activate a button and a text field on the specimen archive screen to delete rack items, by location ID, that have a discard date less than NOW.

Spec Receipt Module Permissions

Spec Receipt Module Permissions	
Permission	**Description**
specrecpttoolbar	Display and enable the **Specimen Receipt** icon on the main screen toolbar.
clvsnonord	Allow entry of orders not originally present in FASTsystem in CLVS screen. User can enter any accession number and it will not be validated.
specrecvsendbyperf	Only allow receipt of accessions scanned in the Specimen Receipt Module that match the users performing lab. All other entries will not be sent to the LIS for receipt.
specrecvaccsee	Display the accession column on the Specimen Receipt Module screen.
specrecvcidsee	Display the Container ID column on the Specimen Receipt Module screen.
specrecvlabaccsee	Display the Lab Acc on the Specimen Receipt Module screen.
specrecvperflabsee	Display and enable the Performing Lab Code column on the Specimen Receipt Module screen.
srdeletercvitem	Delete items sent to the LIS for receipt on the Specimen Receipt Module screen after the button to initiate the receipt process is clicked (button name???). The system will preserve the items not sent to the LIS for user review.
srstoreifnotrcv	Store the Workload, PerflabCode and collection date and time on the Specimen Receipt Module screen after the **Receipt to LIS** button is clicked even if the data does not qualify to be sent to the LIS because of other rules.

Spec Receipt Module Permissions	
Permission	**Description**
recvautoprtalq	Activate and select the checkbox on the Specimen Receipt Module screen to allow for automatic printing of Aliquot labels when the **Receive To LIS** button is clicked.
srsendordlisrcv	Transmit an order message to LIS if one has not been already sent when the **Send to LIS** button on the Specimen Receipt Module screen is clicked.
srupdateperflabcode	The system will update the `FO_Accessions.PerfLabCode` and `FO_Acc_Tubes.PerfLabCode` fields when a single specimen receipt is done. The value used on the Specimen Receipt Module screen will be used for the update.

Standing Orders Module Permissions

Standing Orders Module Permissions	
Permission	**Description**
so_view	Activate SO **Pending** and **Expired** buttons.
so_create	Allow creation of new Standing Orders.
so_review	Activate SO **Mark as Reviewed** button.
so_past	Activate SO **Past** button.
so_hist	Activate SO **History** button.
so_cancel	Activate SO **Cancel** button.
so_disc	Activate SO **Discontinue** button.
so_activate	Activate SO **Activate into Order** button.
soordertoolssee	Activate the SO **Tools** button on the Acc History screen and toolbar.
activateexpiredso	Allow user to activate expired orders after warning message.
clientprovsrchsosee	Display the client and ordering provider search boxes on the SO Order Tool screen.
socolldefault	Default the collection date to the date and time of NOW when a standing order is activated. The collection tech field will be blank.
socollblank	Clear the collection date and time and tech code fields when a stand-ing order is activated.
sonostoreloc	Do not store the patient location when creating a standing order, mandating that the user enter it when the order is activated.

Standing Orders Module Permissions	
Permission	**Description**
sodeleteorigin	Delete the original manually created order that was used to create a standing order. This rule only applies at the time the user creates a standing order and it is assumed that the original order has not been exported to Host.
soactivatenoepid	Do not copy the Episode ID value from the standing order to the order resulting upon activation to force the user to create a new episode based on rules.
so_ptmagsee	Activate the **Magnifier** button to the right of the patient name on the standing order tool box screen.
sokeepreqid	Store and preserve the Req ID value entered on an order when an SO is created and activated.
sokeepacct	Store and preserve the account number value when an SO is created and activated.
sokeeordfiller	Store and preserve the acc_info level filler ID when an SO is created and activated.
sokeeptestfiller	Store and preserve the test-level FO_Accessions filler ID when an SO is created and activated.
sokeepperflab	Store and preserve the performing lab code when an SO is created and activated.
socreatenew	Activate the **Create New SO** button on the accession history screen. Allow SO order creation and scheduling in one screen flow.
soincludeordcomms	Include order action commas data (what is that??) when an SO is created and activated.

Transaction View Module Permissions

Transaction View Module Permissions	
Permission	**Description**
transactionview	View FP database raw transactions using transaction viewer utility, Entegra system.
hl7utility	Required to access the Transaction Viewer Utility for HL7 transactions.

User History Module Permissions

User History Module Permissions	
Permission	**Description**
userhistoryaccess	Allow user to access the User History screen. Activate the toolbar button with the compute face icon. Should only be used by lab management.
userhistsqledit	Allow user to edit the search limitation filter text box on the User History screen. For power users only.

Permission Definitions and Settings

This section covers the Fast Platform software permissions.

What's included:

- How permissions work
- What permissions control; specific items
- Permissions by function, and consequences
- Permissions by alpha

The following maintenance descriptions highlight significant maintenance tasks and related rules. Since system functionality is always in the process of improvement, maintenance tasks may be changed.

Typical maintenance is performed using SQL server components. Management studio and SQL scripts are typically used to update maintenance. MS Access can also be used. The user performing maintenance must have the appropriate SQL syntax skills.

Permissions are listed in the `FO_Permissions` table and are assigned to groups maintained in the `FO_PermGroups` table. The permission group is then assigned to a specific user in the `FO_Users` table, in the `FO_Users.PermGroup` field, giving that user all permissions assigned to that `FO_PermGroups.PermGroup`.

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The FAST Platform Rules engine contains both Maintenance driven rules and User level keyword (Permission) rules. The permission rules are listed in the FO_Permissions table and are attached to User groups maintained in the FO_PermGroups table.

Address Related Definitions

This section outlines the definitions required to use the address related fields of zip code and state.

Tables containing address related definitions are:

- FO_Zips
- FO_State

Client Definition and Settings

A Client Code is a concept that relates to the business entity of a provider. For example, a provider may belong to a physician group, which in turn is the client entity. If the physician's group has two locations you may want to define 2 client IDs. A nursing home is another business entity that may be defined as a client id.

Client IDs are typically used for reporting and billing purposes. The system has rules to allow you to tie them to both components.

Tables containing client definitions and settings are:

- FO_Clients on page 3
- FO_Client_Provs
- FO_Client_Locs
- FO_ClientUserLoc

Common Test List Definitions

This section outlines the definitions required to use the features for displaying common test lists to assist users during order entry. While the functionality will allow definitions created on the fly, predefined lists are also available to control client / user selection. See section on use of Common Test List Screen.

Tables containing common test list definitions are:

- FO_Common_Test_ListCode_Def
- FO_Common_Tests
- FO_ClientTestGroups

Container Management Related Definitions

This section outlines the definitions required to use the container management module.

Tables containing container management related definitions are:

- FO_Types_Storage
- FO_Types_Specimen
- FO_Types_Container
- FO_TestsXContainers

Fast Merge Queuing Function

This section outlines the definitions required to for the merge module with FAST Merge Services. There are 2 types of merges, automerge and non-automerge. In both cases, the final outcome is to identify the Good and Bad identifiers in the FO_Merge table so Merge Services can perform the actual merge task. Therefore the FO_Merge table provides a historical record of all merges in FAST.

Both types of merges require a merge rule to be defined in the FO_Merge_Rule_Definition table and a stored procedure to kick off scanning the database for potential duplicates. The difference is that in automerge process, the data for merging is loaded directly into the FO_Merge and set status to QUEUED, while the non-automerge data is written to the FO_Merge_Staging table. Using CSTools, a User can review the data; determine the base patient and QUEUE to merge. The "Queue to Merge" button actually writes data to FO_Merge table and sets status to QUEUED.

Merge Services is an SQL service that periodically reviews the FO_Merge table for QUEUED status. When found, the FO_MergeTable_Definitions table provides a cross walk of field-names for performing the merge. The type of merge (Patient, Episode, and Accession) will dictate which fields in which tables should be updated to the GOOD data. When appropriate, the BAD rows are removed (like FO_Patients table).

Tables containing FAST merge queuing function definitions are:

- FO_Merge_Rule_Definition
- FO_MergeTable_Definitions on page 68

General Application Parameter Definitions

This section lists the tables and fields which contain general application parameter definitions.

These parameters are usually defined when the application is installed and only updated for specific functionality or lab expansion.

> **Note:** NOTE: You should NOT change these parameters unless instructed to by Rhodes Group

Tables containing general application parameter definitions are:

- FO_Priority
- FO_Perf_Lab
- FO_Perf_Lab_Test_Group_Definition
- FO_Reports
- FO_External_Form_Definitions

Insurance Definitions

This section reviews the insurance related definitions. Insurance definitions are used to assign patients to insurances. They are also used in several module specific rule sets like medical necessity, test specific insurance rules etc.

Tables containing insurance definitions are:

- FO_INS on page 26
- FO_INS_Tests
- FO_InsAdds
- FO_INS_Policy_Messages

Interface Transaction Processing (ITP) Service Definitions

The ITP service is created to allow the UI application layer to offload interface related transaction queuing to a separate processing component. In this manner the User does not have to wait for the FP UI to search the database and apply the necessary logic, required to determine which interface related transactions need to be made for all downstream systems based on User entry. The FP UI layer simply makes a single trigger queue record in the "FO_IF_AppTrigger_Queue" table, and the ITP processes that record and triggers the interface layer with the appropriate transactions.

Tables containing ITP service definitions are:

- FO_IFxFacilityID
- FO_IF_Outbound_Config
- FO_IF_Path_XRef

Medical Necessity and CPT/Price Fee Schedule

Medical necessity definitions relate to LMRP rules and ABN functionality. They are also used in generic test to ICD limitation rules. The tables below are used by the system in rules processing related to these concepts. These tables also allow the definition of test code to CPT and price cross references used in payments and price calculation rules.

Tables containing medical necessity and CPT/Price fee schedule definitions are:

- FO_CPTReview on page 16
- FO_CPTReviewCombinedDx on page 20
- FO_LISxHIS on page 66
- FO_ICD9
- FO_MedicalNecessity_Form_Definition
- FO_Fee_Schedule_Definition on page 23
- FO_Fee_Schedule_Option_Definition on page 24

MPI Definitions

This section relates to master patient index related maintenance. The master patient index is the cross-reference functionality that allows the system to map the Facility Organization ID (FOID) to external identifiers. FAST also supports creating specific inbound and outbound functionality at this MPI level.

Tables containing MPI definitions are:

- FO_MPI_Qualifier on page 71
- FO_IF_Translations
- FO_CDC_Outbound_Filter

Patient Location Definitions

The general patient location definitions are typically automatically loaded from the LIS on a daily basis. Expanded functionality requires some additional definitions be defined directly in FAST.

Tables containing patient location definitions are:

- FO_PtLocations
- FO_PtLocations_RoomBed

Provider Definitions

This section describes provider related definitions. A provider code relates to a human being who may order lab tests or may receive lab test related reports.

The FO_Providers table contains all of the provider related definitions.

Recent Patient Search Definitions

FAST can accommodate several types of patient groupings such as a single client's list of patients, a group of client's who share a list of patient's or a group of patient's defined by the user location that accesses them. This is done to comply with HIPPA regulations regarding access to patient data.

See section describing Recent Patients Search Configuration.

Tables containing patient search definitions are:

- FO_Client_PtAccess_Group_Def
- FO_Client_PtAccess_Groups

Species Definitions

Species maintenance tasks allow the user to specify a list of species codes and descriptions. These items are presented to the user to pick from when the user drops down the species field on the patient demographic screen.

The FO_Species table contain the species definitions.

Specimen List Assembly Definitions

Specimen List Assembly is a specialized service for activation of Standing orders in automated fashion as well as production of collection list and labels and ABN forms. The access to these tables for definition, monitoring, and Troubleshooting is part of CSTools modules. The tables are presented for maintenance overview.

A HUB is basically a designation for the "home office" of an external collection team that typically collection nursing home and home care collections. The various outputs of lists, labels, and ABN facilitate this group's ability to function efficiently.

Tables containing specimen list assembly definitions are:

- FO_Hub_Definition
- FO_Hub_Job_Definition
- FO_Hub_Job_Def_Detail

System Parameter Definition

This section describes system level definitions. These definitions are activated when the application is started. To refresh any system parameter changes, the application must be exited and restarted.

The FO_LabInfo on page 35 table contains all of the system parameters. These parameters apply to all users.

Test Code Related Definitions

This section outlines the definitions required to create test codes, result at order entry (RESOE) and container level components.

Tables containing test code related definitions are:

- FO_Tests on page 84
- FO_TestXGroups
- FO_Test_QA
- FO_QA_AnswerGroup
- FO_INS_Tests

User Definitions

The user definition process allows the system administrator to add, edit and delete users and related properties that will affect how the application functions. The FO_UserLocations table and FO_UserLoc_Groups table enable the application to react the same for a number of users based on the user location entered at sign on, while the FO_Users table is specific for each user defined.

Tables containing user definitions are:

- FO_Users on page 107
- FO_UserLocations
- FO_UserLoc_Groups

CS Tools RRE Permissions

RRE_Permissions Tables

The RRE_Permissions table contains all the permissions available to CS Tools users. The title shows the section of CS Tools where the permission code would apply.

Note: Not all permissions should be applied to any user at one time, not even a super user due to the fact that some permission may counteract each other.

Reviewing the permissions available is highly recommended before setting up permission groups (described in next section).

CS Tools - Client Maintenance Module - RRE Permissions

CS Tools - Client Maintenance Module - RRE Permissions	
Permission	**Description**
clientsave	Allow user to save changes to a client.
clientaddresssee	Display and Enable the **Address** tab.
clientphoneandemailsee	Display and Enable the **Phone and Email** tab.
clientreportingsee	Display and Enable the **Reporting** tab.
provclientmaintsee	Display and Enable the menu to launch **Client Maintenance**.
clientprovidertabsee	Display and Enable the **Providers** tab in the **Client Maintenance** module.
clientmpitabsee	Display and Enable the **MPI** tab in the **Client Maintenance** module.
clienthistorytabsee	Display and Enable the **Client History Search** tab in the **Client Maintenance** module.
electricreportingtabsee	Display and Enable the **Electronic Reporting** tab in the **Client Maintenance** module.
clientodchybridtabsee	Display and Enable the **ODC Hybrid** tab.

CS Tools - CS Tools Module - RRE Permissions

CS Tools - CS Tools Module - RRE Permissions	
Permission	**Description**
mustselectdevicelocation	Force user to select a device location before logging into the application.

CS Tools - Distribution Defs Module - RRE Permissions

CS Tools - Distribution Defs Module - RRE Permissions	
Permission	**Description**
rptspnameedit	Allow user to change the name of the stored procedure associated with the current report.

CS Tools - Exception Reporting Module - RRE Permissions

CS Tools - Exception Reporting Module - RRE Permissions	
Permission	**Description**
viewexceptionssee	Display and Enable the **View Exception Reports** menu item.
seeallexceptionreports	Allow user to search exception reports by any exception resolution group or exception resolution code.
canchangeexceptionresolutioncode	Allow user to change the exception resolution code in the exception reporting details.
canchangeclassification	Allow user to change the classification code in the exception reporting details.
canchangecategory	Allow user to change the category code in the exception reporting details.
releasereservesee	Activate the **Release Reserve** button when viewing Exception Report details.

CS Tools - Exception Reporting Maintenance Module - RRE Permissions

CS Tools - Exception Reporting Maintenance Module - RRE Permissions	
Permission	**Description**
exceptionreportisresolvedsee	Display and enable the **Exception Reporting Configuration** module in the list of maintenance modules.

CS Tools - Failed Report Monitor Module - RRE Permissions

CS Tools - Failed Report Monitor Module - RRE Permissions	
Permission	**Description**
FailRptMonitor	Allow user to view and interact with the failed Report Distributions screen.

CS Tools - Fast CDC Outbound Config Module - RRE Permissions

CS Tools - Fast CDC Outbound Config Module - RRE Permissions	
Permission	**Description**
focdcoutboundconfigsee	Display and enable the FAST**CDC Outbound Configuration** module.
focdcoutboundconfigadd	Allow user to add new configurations in the FAST**CDC Outbound Configuration** module.
focdcoutboundconfigupdate	Allow user to update existing configurations in the FAST**CDC Outbound Configuration module**.
focdcoutboundconfigdelete	Allow user to delete existing configurations in the FAST**CDC Outbound Configuration module**.

CS Tools - Fast Patient Merge Module - RRE Permissions

CS Tools - Fast Patient Merge Module - RRE Permissions	
Permission	**Description**
fopatientmergesee	Display and enable the FAST**Patient Merge** module.
fopatientmergeaddmpi	Allow user to add new patient / MPI associations in the FAST**Patient Merge** module.
fopatientmergeupdatempi	Allow user to update patient / MPI associations in the FAST**Patient Merge** module.
fopatientmergedeletempi	Allow user to delete patient / MPI associations in the FAST**Patient Merge** module.

CS Tools - Fast User Group Perms Config Module - RRE Permissions

CS Tools - Fast User Group Perms Config Module - RRE Permissions	
Permission	**Description**
fastusergrouppermissionconfigsee	Display and enable the FAST**User, Group, Permission Configuration** module in the list of modules.

CS Tools - Group Maintenance Module - RRE Permissions

CS Tools - Group Maintenance Module - RRE Permissions	
Permission	**Description**
provgroupmaintsee	Display and enable the menu to launch **Group Maintenance**.
provgroupmaintedit	Allow user to make changes to system groups in **Group Maintenance**.

CS Tools - Help Module - RRE Permissions

CS Tools - Help Module - RRE Permissions	
Permission	**Description**
helpsee	Display and enable the Help icon.
helpcontextmenusee	Display and enable the context menu used for adding, updating and removing items from help.
helpadditemsee	Display and enable the menu item for adding help items on the help context menu.
helpupdateitemsee	Display and enable the menu item for updating help items on the help context menu.
helpdeleteitemsee	Display and enable the menu item for deleting help items on the help context menu.

CS Tools - Hub Module - RRE Permissions

CS Tools - Hub Module - RRE Permissions	
Permission	**Description**
viewexceptionssee	Display and Enable the **View Exception Reports** menu item.
seeallexceptionreports	Allow user to search exception reports by any exception resolution group or exception resolution code.
canchangeexceptionresolutioncode	Allow user to change the exception resolution code in the exception reporting details.
canchangeclassification	Allow user to change the classification code in the exception reporting details.
canchangecategory	Allow user to change the category code in the exception reporting details.
releasereservesee	Activate the **Release Reserve** button when viewing Exception Report details.

CS Tools - Merge Patient Data Module - RRE Permissions

CS Tools - Merge Patient Data Module - RRE Permissions	
Permission	**Description**
MergeScreen	Allow user to view and interact with the Merge Patient Data screen.

CS Tools - Modules Maintenance Module - RRE Permissions

CS Tools - Modules Maintenance Module - RRE Permissions	
Permission	**Description**
exceptionconfigurationsee	Display and enable the **Exception Reporting Configuration** module in the list of maintenance modules.
usergrouppermissionmaintsee	Display and enable the **User Group Permission Configuration** module in the list of maintenance modules.
systemparametermaintsee	Display and enable the **System Parameter Maintenance** module in the list of maintenance modules.
patientepisodefinaldatechangesee	Display and enable the **Episode Final Date Change** module in the list of maintenance modules.
reportdistributionsee	Display and enable the **Report Distribution Tracker** module in the list of maintenance modules.
locationmaintsee	Display and enable the **Location Maintenance** module in the list of maintenance modules.
maintenancemodulessee	Display and enable the icon for module maintenance in the toolbar.
exceptionreportsee	Display and enable the icon for exception reporting in the toolbar.

CS Tools - ODC Triggers Module - RRE Permissions

CS Tools - ODC Triggers Module - RRE Permissions	
Permission	**Description**
ODCTriggers	Display and enable a main screen toolbar item to allow user to access the **ODC Trigger** module screen.
allowODCdeletes	Allow user to delete rows from the trigger groups table.

CS Tools - Provider Maintenance Module - RRE Permissions

CS Tools - Provider Maintenance Module - RRE Permissions	
Permission	**Description**
provmessage	Allow user to search the `RRE_Provider_If_Messages` table via the user interface.
provimport	Allow user to import provider information from the `RRE_Provider_If_Messages` table into the `RRE_Providers` table via the user interface.
provsave	Allow user save changes to providers.
provreportingsee	Activate the **Reporting** tab.
provclientsee	Activate the **Client** tab.
provaddresssee	Activate the **Address** tab.
provphoneandemailsee	Activate the **Phone and Email** tab.
provcontactssee	Activate the **Contact** tab.
provmpisee	Activate the **MPI** tab.
provphysmaintsee	Display and enable the menu to launch **Provider Maintenance**.
prov_general_steward	Display and enable the Data Steward Control on the **General** tab.
prov_reporting_steward	Display and enable the Data Steward Control on the **Reporting** tab.
prov_client_steward	Display and enable the Data Steward Control on the **Client** tab.

CS Tools - Provider Maintenance Module - RRE Permissions	
Permission	**Description**
prov_address_steward	Display and enable the Data Steward Control on the **Address** tab.
prov_phoneemail_steward	Display and enable the Data Steward Control on the **Phone / Email** tab.
prov_contact_steward	Display and enable the Data Steward Control on the **Contact** tab.
prov_mpi_steward	Display and enable the Data Steward Control on the **MPI** tab.
provupinsee	Display and enable the UPIN textbox on the **General** tab of the Provider Maintenance module.
provroutestopsee	Display and enable the Route Stop text box on the **General** tab of the **Provider Maintenance** module.
provprimarylocationsee	Display and enable the Primary Location textbox on the General tab of the **Provider Maintenance** module.
provlicensedateinfosee	Display and enable the Expiration Date and Effective Date columns of the Licenses list box on the **General** tab of the **Provider Maintenance** module.
provaddresscountysee	Display and enable the County text box on the **Address** tab of the **Provider Maintenance** module.
provphonesee	Activate the **Phone** tab.
provemailsee	Activate the **Email** tab.
provsearchhistorysee	Activate the **Search Provider History** tab.

CS Tools - Provider Maintenance Module - RRE Permissions	
Permission	**Description**
prov_phone_steward	Display and enable the Data Steward Control on the **Phone** tab.
prov_email_steward	Display and enable the Data Steward Control on the **Email** tab.
provreportoverviewsee	Activate the **View Report Overview** button in the **Provider Maintenance** module.
provexportreportsee	Activate the **Export** button for the report overview in the **Provider Maintenance** module.
provprintreportsee	Activate the **Print** button for the report overview in the **Provider Maintenance** module.
exceptionreportqueuesee	Display and enable the exception reporting queue related to the **Provider Maintenance** module.
exceptionreportisresolvedsee	Display and enable the Is Resolved checkbox as a search parameter in the exception reporting queue related to the **Provider Maintenance** module.
provmnemonicsee	Display and enable the mnemonic field in the search options and **General** tab of the **Provider Maintenance** module.
provgroupsee	Activate the **Provider Group** tab.
prov_providergroup_steward	Display and enable the Data Steward Control on the **Provider Group** tab.
provcommentssee	Display and enable the comments text box located on the **General** tab in the **Provider Maintenance** module.

CS Tools - Provider Maintenance Module - RRE Permissions	
Permission	**Description**
provsuffixsee	Display and enable the suffix field in the **Provider Maintenance** module.
provcumtestsee	Activate the **Tests** tab.
prov_cumtest_steward	Display and enable the Data Steward Control on the **Tests** tab.
provaddressterritorycodesee	Display and enable the Territory Code column in the Secondary Addresses table in the **Provider Maintenance** module.
provaddressclientacctrepcodesee	Display and enable the Client Account Rep Code column in the Secondary Addresses table in the **Provider Maintenance** module.
provaddressmarketingrepcodesee	Display and enable the Marketing Account Rep Code column in the Secondary Addresses table in the **Provider Maintenance** module.
provaddressinterfacecrossreference	Display and enable the Interface Cross Reference column in the Secondary Addresses table in the **Provider Maintenance** module.
provmpisendoninterfacesee	Display and enable the Send on Interface column on the **MPI** tab in the **Provider Maintenance** module.
provdeasee	Display and enable the DEA field in the **Provider Maintenance** module.
prov_test_steward	Display and enable the Data Steward Control on the **Tests** tab.
provaddresscompanycodesee	Display and enable the address Company Code field in the **Provider Maintenance** module.

CS Tools - Provider Maintenance Module - RRE Permissions	
Permission	**Description**
provaddresscompanynamesee	Display and enable the address Company Name field in the **Provider Maintenance** module.
provhostactivestatussee	Display and enable the address HostActiveStatus column on the **MPI** tab of the **Provider Maintenance** module.
provmpiactivesee	Display and enable the address Active column on the **MPI** tab of the **Provider Maintenance** module.

CS Tools - Result Search Module - RRE Permissions

CS Tools - Result Search Module - RRE Permissions	
Permission	**Description**
RsltExpandChk	Default the Result Expand checkbox to selected, or checked, on the result screen.
RsltAbnormalOpt	Enable the Abnormal Only checkbox to selected, or checked, on the result screen.
RsltAbnormalChk	Default the Abnormal Only checkbox to selected, or checked, on the result screen.
SearchResults	Allow user to view and interact with the result search screen.
RsltViewReport	Activate the View Report button on the result search screen.
RsltExpandOpt	Enable the Expand checkbox on the result search screen.
RsltHiddenOpt	Enable the Hidden Test checkbox on the result search screen.
RsltHiddenChk	Default the Hidden Test checkbox to selected, or checked, on the result screen.

CS Tools - Report Distribution Defs Module - RRE Permissions

CS Tools - Report Distribution Defs Module - RRE Permissions	
Permission	**Description**
DistributionDefs	Allow user to view the report definition and distribution definition screen.

CS Tools - Report Queue Search Module - RRE Permissions

CS Tools - Report Queue Search Module - RRE Permissions	
Permission	**Description**
RptQueueSearch	Allow user to view and interact with the report queue search screen.

CS Tools - Report Queueing Module - RRE Permissions

CS Tools - Report Queueing Module - RRE Permissions	
Permission	**Description**
queuereportsee	Activate the Queue Report toolbar item on the main CS Tools form.
accessionlevelsee	Activate the Accession level radio button.
episodelevelsee	Activate the Episode level radio button.
requisitionlevelsee	Activate the Requisition level radio button.
patientlevelsee	Activate the Patient level radio button.

CS Tools - Report Viewer Module - RRE Permissions

CS Tools - Report Viewer Module - RRE Permissions	
Permission	**Description**
reportviewersee	Display and enable the **Report Viewer** module.

CS Tools - Reporting Maintenance Module - RRE Permissions

CS Tools - Reporting Maintenance Module - RRE Permissions	
Permission	**Description**
reportingmaintsee	Display and enable the **Reporting Maintenance** module.
addhistorycommentsee	Display and enable the **Add comment** menu option when right clicking on any distribution history grid.
ssrsconfigurationsee	Display and enable the SSRS Configuration group box on the report definition details screen.
deletefilemenuoptionsee	Display and enable the **right click menu option for deleting files from the system failed folder and other folders** in the **Reporting Maintenance** module.
deactivatereportbuttonsee	Activate the **Deactivate Report** button in the **Reporting Maintenance** module.
deletereportbuttonsee	Activate the **Delete Report** button in the **Reporting Maintenance** module.
deactivatedistributionbuttonsee	Activate the **Deactivate Distribution** button in the **Reporting Maintenance** module.
deletedistributionbuttonsee	Activate the **Delete Distribution** button in the **Reporting Maintenance** module.
changereportassignmenttypeandvalue	Allow user to change an existing report's Assignment type and value if a report link has already been created in SSRS.

CS Tools - Reporting Maintenance Module - RRE Permissions	
Permission	**Description**
changereportpath	Allow user to change an existing report's Report path if a report link has already been created in SSRS.
changereportid	Allow user to change an existing report's Report ID if a report link has already been created in SSRS.
changeserverURL	Allow user change an existing report's Server URL if a report link has already been created in SSRS.
changereportservername	Allow user change an existing report's Report Server Name if a report link has already been created in SSRS.
searchreportinstancesee	Activate the **Search Report Instance** tab in the **Reporting Maintenance** module.
reportdistributiondefinitionsee	Activate the **Report / Distribution Definitions** tab in the **Reporting Maintenance** module.
filequeuesearchsee	Activate the **File / Queue Search** tab in the **Reporting Maintenance** module.
subscriptionfailsee	Activate the **Monitor Failed Subscription Runs** tab in the **Reporting Maintenance** module.
monitorfailedreportqueuesee	Activate the **Monitor Failed Report Queues** tab in the **Reporting Maintenance** module.
distributionhistorysee	Activate the **Distribution History Search** tab in the **Reporting Maintenance** module.
addreportsee	Activate the **New Report** button in the **Reporting Maintenance** module.

CS Tools - Reporting Maintenance Module - RRE Permissions	
Permission	**Description**
savereportsee	Activate the **Save** buttons in the **Reporting Maintenance** module.
adddistributionsee	Activate the **New Distribution** button in the **Reporting Maintenance** module.
savedistributionsee	Activate the **Save** buttons in the **Reporting Maintenance** module.
viewfilemewnuoptionsee	Display and enable the **View file** menu option when right clicking on ANY file search results in the **Reporting Maintenance** module.
requeuefilemenuoptionsee	Display and enable the **Requeue file** menu option when right clicking on ANY file search results in the **Reporting Maintenance** module.
requeuewithnewidmenuoptionsee	Display and enable the **Requeue with new subscription id** menu option when right clicking on ANY file search results in the **Reporting Maintenance** module.
verifypathpopupsee	Enable a "Verify Path Is Correct" popup when a user clicks on the **Path** button in the Report Definition screen in the **Reporting Maintenance** module.
confirmpathpopupsee	Enable a "Confirm" popup when a user clicks on the **Path** button in the Report Definition screen in the **Reporting Maintenance** module.
confirmreportlinkpopupsee	Enable a "Confirm" popup when a user clicks on the "Report Link" button in the "Report Definition" screen in the Reporting Maintenance module.

CS Tools - Reporting Maintenance Module - RRE Permissions	
Permission	**Description**
confirmsubscriptionpopupsee	Enable a "Confirm" popup when a user clicks on the **Subscription** button in the Report Definition screen in the **Reporting Maintenance** module.
deletefromsystemarchivefoldersee	Display or **remove the option to delete a file from** the system archive folder in the **Reporting Maintenance** module.
deletefromqueuefailfoldersee	Display **or remove the option to delete a file** from a queue (distribution queue id) specific fail folder in the **Reporting Maintenance** module.
deletefromqueuearchivefoldersee	Display **or remove the option to delete a file from** a queue (distribution queue id) specific archive folder in the **Reporting Maintenance** module.
deletefromsystemfailfoldersee	Display **or remove the option to delete a file from** the system fail folder in the **Reporting Maintenance** module.
deletefromuserfailfoldersee	Display **or remove the option to delete a file from** a user specific fail folder in the **Reporting Maintenance** module.
watchfoldersee	Display and enable the **Watch Folder** tab on **File Queue Search** tab in the **Reporting Maintenance** module.

CS Tools - RWDS Maintenance Module - RRE Permissions

CS Tools - RWDS Maintenance Module - RRE Permissions	
Permission	**Description**
rwdsqueuemaintsee	Display and enable the **RWDS Queue Maintenance** module in the list of maintenance modules.
rwdsparametermaintsee	Display and enable the **RWDS Parameters Maintenance** module in the list of maintenance modules.

CS Tools - SQL Query Viewer Module - RRE Permissions

CS Tools - SQL Query Viewer Module - RRE Permissions	
Permission	**Description**
sqlqueryviewersee	Display and enable the **menu item** for the SQL Query Viewer screen.
sqlqueryvieweradminsee	Display and enable the **menu item** for the SQL Query Viewer Admin screen.

CS Tools - Search Patient Results Config Module - RRE Permissions

CS Tools - Search Patient Results Config Module - RRE Permissions	
Permission	**Description**
searchpatientresultsconfigsee	Display and enable the **Search Patient Results Configuration** module in the list of modules.
hidepathologydataoninquery	Remove all pathology data when searching in the **Search Patient Results Configuration Module**.

CS Tools - Subscription Fail Monitor Module - RRE Permissions

CS Tools - Subscription Fail Monitor Module - RRE Permissions	
Permission	**Description**
SubscrptFail	Activate the appropriate button in the toolbar to allow user access to the subscription failure monitoring screen.

CS Tools - User History Search Module - RRE Permissions

CS Tools - User History Search Module - RRE Permissions	
Permission	**Description**
userhistorysearchsee	Activate the "User History Search" toolbar item on the main CS Tools form.
searchalluserssee	Setting this to true will allow members of a user group to search other user's history. Setting to false will limit user group members to their own history.

CS Tools - View Report Module - RRE Permissions

CS Tools - View Report Module - RRE Permissions	
Permission	**Description**
VRValueDist	Activate the type and value based distribution search fields.
VRAdhocDist	Activate the adhoc based distribution assignment fields.
VRPhysDist	Activate the physician based distribution assignment fields.
VRClientDist	Activate the client based distribution assignment fields.
VRLocDist	Activate the location based distribution assignment fields.
VRRptExport	Activate the **Export** button on the report toolbar on the report viewer screen.
VRRptPrint	Activate the **Print** button in the report viewer toolbar.
VRRptTools	Enable the report viewer toolbar.

Table Definitions

This section covers the Fast Platform database table definitions.

What's included:

- How tables are used
- What tables control; specific items
- Tables save data and control rules, by function, and consequences

How to use tables: for reports, for rules, SQL queries

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The FAST Platform Rules engine contains both Maintenance driven rules and User level keyword (Permission) rules. The permission rules are listed in the FO_Permissions table and are attached to User groups maintained in the FO_PermGroups table.

FO_Clients

The client ID should represent a single business entity. There could be a situation where a nursing home is the master client and it has several client codes for each wing/floor.

In this case, there would be multiple FO_Clients table records, each record with the same Client_ID value and a different unique Code value.

There should not be a single client with multiple codes.

FO_Clients Table		
Field	**Type**	**Notes**
Code	varchar(50)	Enter a unique code.
Name	varchar(50)	Name or description for this client.
Type	varchar(50)	Client type. Used to categorize the client. Informational
Number	varchar(50)	Permanent account number for this client. Enter an alphanumeric value. Enter ASK to have the system prompt for an account number.
Add1	varchar(80)	First address line.
Add2	varchar(80)	Second address line.
City	varchar(50)	City
St	varchar(50)	State
ZipCode	varchar(50)	Zip code

FO_Clients Table		
Field	**Type**	**Notes**
Tel	varchar(50)	Phone number
Fax	varchar(50)	Fax number
DefLocCode	varchar(50)	Default location code for client. Used to map a location code if the `FO_Client_Locs` table does not map the client to any location.
UPIN	varchar(50)	Client's UPIN, the unique physician identification number. Informational
Client_ID	int	ID field, a counter. Unique
Freq_Ct_Tests	int	Represents the failure count for the number of tests. Enter an integer. Used in LMRP calculations to fail a test for FREQUENCY at client level.
SO_Review_Days	int	Number of days since the collection date to expire a standing order. Enter an integer for the number of days. Overrides the system-level value.
EntryGroupCode	varchar(50)	Enter a valid entry group code.
InquiryGroupCode	varchar(50)	Enter a valid inquiry group code.
FacilityID	varchar(50)	Enter a valid facility ID.

FO_Clients Table		
Field	**Type**	**Notes**
Active	varchar(50)	Determines if client code is active and if it should be excluded from searches. Enter 0 or 1 1 = client entry is active, include in searches 0 = client entry is not active, exclude from searches
LabPopup	varchar (255)	Message displayed on screen to lab users when this client is selected on the order screen. Enter message to display.
ClientPopup	varchar (255)	Message displayed on screen to client users when this client is selected on the order screen. Enter message to display.
AutoOrderTests	varchar (255)	Defines the list of tests to automatically order. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid order codes separated by pipes. These tests will automatically be ordered when the first order is placed on the order screen.

FO_Clients Table		
Field	Type	Notes
MPIQualifier	varchar(50)	Enter a valid MPI Qualifier code. This code may be assigned to the Client Pt ID field on the order screen if one is not specified. To uniquely identify a MRN, there needs to be an MRN concatenated with something to identify the pool where the MRN came from since the list of numbers for MRN could duplicate. The system creates a format of MRN;MPI Properties are assigned to the MPI Qualifier so that those accessions / patients function a certain way. If the user enters '1234' in the Client Pt ID field, the system will append ';thisvalue'. If the user enters '1234;thisvalue', nothing would be assigned by the system but the value after the semicolon would be validated to ensure it matches the expected entry.

FO_Clients Table		
Field	**Type**	**Notes**
ClientUserLocGroup	varchar(50)	Assigned Group Code. Enter a valid group code. A permission driven rule which validates the patient location assigned to an order based on the client ID. The system will match this code and the user location to entries in the FO_ClientUserLoc table when the Exit button on the order screen is clicked. If there is no match, the patient location field is cleared and a message displayed to select a different patient location.
DefaultBillTo	varchar(50)	Default Bill To option. Enter a valid billto option. The value must exactly match a value that appears in the Bill To drop-down list. Rule is executed when a client is selected for an order and is used to override the default bill to value on an order. Often used to override the bill to and change it from 'Insurance' to 'Client'.

FO_Clients Table		
Field	**Type**	**Notes**
ClientVisitNumber	varchar(50)	Default client visit number, the clients external billing number, for an order. Use 'ASK' to allow user to enter a value on the order screen. Rule executes when the client is selected for an order.
ClientVisitNumberMask	varchar(50)	Edit mask for client visit number. Enter allowed edit mask characters. # = numeric character @ = Alpha character The client visit number entered on the order screen will be validated against the edit mask when the field is exited. If the entered value fails the mask, the value is not accepted and the user is prompted to reenter. A hint displays the format required for the field. Does setting a mask and or the value ASK in the CVN field above make the CV# a required field on the order screen?
MasterClientID	varchar(50)	Used to group multiple client IDs to a single master client ID. Enter a valid master client ID.

FO_Clients Table		
Field	**Type**	**Notes**
Territory	varchar(50)	Client sales territory. Enter a valid sales territory. Informational
SalesRep	varchar(50)	Client sales person. Enter a valid sales person. Informational
CustomerServiceRep	varchar(50)	Client service rep. Enter a valid service rep. Informational
ContactName	varchar(80)	Contact name for the client.
Mnemonic	varchar(50)	Second, searchable, identifier for the client. Enter a mnemonic ID for the client. This field is included when searching for a client on the order screen.
MandatoryReqID	varchar(50)	Determines if requisition ID value is mandatory on the order screen. Enter 0 or 1 0 = req id is not mandatory 1 = req id must be entered, it is mandatory
Country	varchar(50)	Country for address

FO_Clients Table		
Field	**Type**	**Notes**
DefaultFacilityID	varchar(50)	Default facility ID. Enter a valid facility ID. Used by interfaces if no facility ID is provided in message.
RptTriggerSubscriptionID	varchar(50)	Used with RRE Reporting tool. Should be valid subscription as defined in CSTools.
Email	varchar(80)	Client email address.
Pager	varchar(80)	Client pager number.
InsuranceAgeToExclude	int	Determines if insurance update is needed based on days since patient verified. Enter an integer for the number of days. Update insurance if it is more than this number of days since the patient was verified. Used by CDC interface to determine if insurance information from the client should update central patient.

FO_Clients Table		
Field	**Type**	**Notes**
PerformingLabGroups	varchar (500)	Defines the list of performing lab group codes used in the performing lab location calculation for a test. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid performing lab group codes separated by pipes. This represents a grouping code function for clients, it is a way to group client codes so it is not necessary to enter every client code in the performing lab rules.
StandingOrderComment	varchar150	Client-specific comment on the standing order schedule screen. Enter the text to display as a comment. Can be used to remind the user of client-specific requests.
TDC_In_Interfaces	varchar (255)	Interface code for Trusted Data Concentrator inbound interface. Enter a valid interface code. Code is used by FAST to write to the trigger table. Must match what is expected for interface to function.

FO_Clients Table		
Field	**Type**	**Notes**
TDC_Out_Interfaces	varchar (255)	Interface code for Trusted Data Concentrator outbound interface. Enter a valid interface code. Code is used by FAST to write to the trigger table. Must match what is expected for interface to function.
CDC_In_Interfaces	varchar (255)	Interface code for Client Data Concentrator inbound interface. Enter a valid interface code. Code is used by FAST to write to the trigger table. Must match what is expected for interface to function.
CDC_Out_Interfaces	varchar (255)	Interface code for Client Data Concentrator outbound interface. Enter a valid interface code. Code is used by FAST to write to the trigger table. Must match what is expected for interface to function.
FINCompanyCode	varchar(50)	Default FIN company code. Enter valid FIN company code. Instructs the billing interface to substitute this value when sending billing demographics so patients file into the correct FIN company.

FO_Clients Table		
Field	**Type**	**Notes**
DoNotMapProviders	bit	Bit field to determine if `FO_Client_Provs` mapping is used for drop-down on order screen. Enter 0 or 1 0 = mapping is not used 1 = mapping is used Does not apply to Search screen. `FO_Client_Provs` table defines the relationship between a client and a provider. If this value is set to 1, the user sees relationships prebuilt in that table, it is meant to help make it easier to pick the right physician.
ReqId_ToolTip	varchar(50)	Tooltip for ReqID on order screen when user hovers over the field. Enter a short message for display.
CV_ToolTip	varchar(50)	Tooltip for client visit number on order screen when user hovers over the field. Enter a short message for display.
ClientPtId_ToolTip	varchar(50)	Tooltip for client PTID on order screen when user hovers over the field. Enter a short message for display.
LabRegionCode	varchar(50)	Region code associating this client with a lab organization region. Enter a valid region code.

FO_Clients Table		
Field	**Type**	**Notes**
LabDivisionCode	varchar(50)	Division code associating this client with a lab organization company division. Enter a valid division code.
LabSubDivisionCode	varchar(50)	Sub-division code associating this client with a lab organization company sub-division. Enter a valid sub-division code.
LabCode	varchar(50)	Lab that normally services this client. Enter a valid lab code.
SourceSystem	varchar(50)	The system/vendor/version ID for with this client. Enter valid system/vendor/version ID. Connects to the organization source system definitions.
BillFeeSchedule	varchar(80)	Default fee schedule code for this client when this is the ordering client. Enter a valid fee schedule code.
BillingOption	varchar(80)	Default billing option code for the default client fee schedule code when this is the ordering client Enter a valid billing option code.

FO_Clients Table		
Field	**Type**	**Notes**
IsIndustrialTox	bit	Bit flag to determine if this client is valid for Industrial Tox workflow. Enter 0, 1, or skip this entry 0 or skip this entry = client code is not valid for Industrial Tox workflow 1 = client code is valid for Industrial Tox workflow
ClientSpotLightFlag	bit	Bit flag to determine if this client is a spotlight client (flag is added to order screen components). Enter 0, 1, or skip this entry 0 or skip this entry = client code is not a spotlight client 1 = client code is a spotlight client

FO_CPTReview

This table contains medical necessity rules.

Each record represents a CPT code and ICD code pair. Default records can be created representing all ICD codes for a single CPT code to speed entries. The rules allow for diagnosis, frequency, and experimental test definitions

A default record representing all ICD codes for a test may be created by using the keyword 'ALL' as an ICD field value.

The system allows you to define CPT/ICD pairs based on carrier and region.

The carrier represents the company that is the originator of each rule set. The carrier links the entry to the `FO_Ins` table and the particular insurance code that mandates this rule. The region field assigns the entry to a particular user name so you can specify sub-categories in the rules if required by the user creating the order.

FO_CPTReview Table

Field	Type	Notes
Carrier	varchar (50)	Code for the insurance carrier FI to which this CPT ICD pair will be assigned. Enter a valid insurance carrier code. (what does FI mean and is it really needed here?)
Region	int	Region. Enter a valid region as defined in the `FO_Users` table.

FO_CPTReview Table		
Field	**Type**	**Notes**
CPT	varchar (10)	CPT code. Enter a valid CPT code.
ICD	varchar (10)	ICD code. Enter a valid ICD code as defined in the `FO_ICD9` table. Enter 'ALL' to indicate that this is a default condition for this CPT code. If 'ALL', make sure there is only one default record for this CPT code.

FO_CPTReview Table		
Field	**Type**	**Notes**
Reason	varchar (3)	Represents the result of this rule evaluation. Enter an allowed value. Allowed values: P = this ICD/CPT pair is payable D = this ICD/CPT pair represents a diagnosis failure that should result in an ABN form F = represents a frequency failure based on following fields in this table E = to cause the pair to fail as an experimental test 1 = indicates a diagnosis failure type rule 2 = indicates a frequency failure type rule Entries 1 or 2 require subsequent definitions in the `FO_CPTReviewCombinedDX` table for reviewing a CPT against multiple required diagnoses.
Freq_Ct	int	Number of tests for a patient in the predefined time frame, `Freq_Dur`, that should cause a frequency failure. Enter an integer for the number of tests.

FO_CPTReview Table		
Field	**Type**	**Notes**
Freq_Dur	varchar (10)	Number of days in the time frame for the frequency count, `Freq_Ct`. Enter an integer for the number of days.
CPTReview_ID	decimal (18, 0)	ID field, a counter. Unique
CreateDate	Datetime	System timestamp when record is created. Informational
EditDate	datetime	System timestamp when record is edited. Informational
LastUpdate	datetime	System timestamp when record was last updated. Informational
DiagCodingMethod	varchar (50)	*** NEED DEFINITION ***

FO_CPTReviewCombinedDx

This table contains rules, records, for each CPT code and insurance carrier that will have a supporting diagnosis.

A default rule is required for each CPT code and insurance carrier pair.

The default rule must have the `ICD` field set as 'ALL' and the `Reason` field set to a value of 1 or 2. This default rule is required so that the system can assume that the test will fail LMRP checking for all conditions that are not defined in the `FO_CPTReviewCombinedDx` table.

A maximum of four (4) records may be created for each CPT code. (what/how is this enforced?)

FO_CPTReviewCombinedDx Table		
Field	**Type**	**Notes**
CPTREvMultiDX_ID	int	ID field, a counter. Unique
Carrier	varchar (50)	Code for the insurance carrier FI to which this CPT ICD pair will be assigned. Enter a valid insurance carrier code. (what does FI mean and is it really needed here?)

FO_CPTReviewCombinedDx Table		
Field	**Type**	**Notes**
Region	int	Region user assigned to. Enter a valid region as defined in the `FO_Users` table.
ChargeTo	varchar (50)	Informational (any other info to give or what needs to be entered here?)
CPT	varchar (15)	CPT code. Enter a valid CPT code.
StartDate	datetime	Date rule put into use. Enter a valid date in MM/DD/YYYY format.
StopDate	datetime	Date rule removed from use. Enter a valid date in MM/DD/YYYY format.

FO_CPTReviewCombinedDx Table		
Field	**Type**	**Notes**
DiagnosisCode	varchar (50)	Defines list of ICD codes that are payable. Multidimensional COMMA delimited list, no leading or trailing commas. (true?) Enter valid diagnosis, ICD, codes separated by commas.
CreateDate	datetime	System timestamp when record is created. Informational
EditDate	datetime	System timestamp when record is edited. Informational
DiagCodingMethod	varchar (50)	*** NEED DEFINITION ***

FO_Fee_Schedule_Definition

This table requires one record for each fee schedule code created. Each record may have one or more records in the following options table.

FO_Fee_Schedule_Definition Table		
Field	**Type**	**Notes**
FeeSchedDef_ID	bigint	ID field, a counter. Unique
FeeScheduleCode	varchar(50)	Enter a unique fee schedule code.
FeeScheduleName	varchar(80)	Enter a short name for the code.
Description	varchar(MAX)	Longer description for the code.
Active	bit	Bit flag, true/false. Informational and Not Used
StartDate	datetime	Start date for this fee schedule code. Informational
EndDate	datetime	End date, or discountinue date, for this fee schedule code. Informational

FO_Fee_Schedule_Option_Definition

Used to define the Option Codes for each fee schedule code.

FO_Fee_Schedule_Option_Definition Table		
Field	**Type**	**Notes**
FeeSchedOptionDef_ ID	bigint	ID field, a counter. Unique
OptionCode	varchar (50)	Enter a unique code for this fee schedule option code.
OptionName	varchar (80)	Enter a short name for the code.
Description	varchar (MAX)	Longer description for the code.
Active	bit	Bit flag, true/false. Informational. (is this field in use?)
FeeScheduleCode	varchar (50)	Fee schedule code for this option code. Enter a valid fee schedule code. Used to link to the fee schedule code table, `FO_Fee_ Schedule_Definition`.
StartDate	datetime	Start date for this fee schedule code. Informational

FO_Fee_Schedule_Option_Definition Table		
Field	**Type**	**Notes**
EndDate	datetime	End date, or discountinue date, for this fee schedule code. Informational

FO_INS

FO_INS Table		
Field	**Type**	**Notes**
Ins_ID	int	ID field, a counter. Unique
InsCode	varchar (50)	Enter a unique insurance code.
Ins_Name	varchar (50)	Name for this insurance.
Policy_Mask	varchar (50)	Mask character value(s) for the policy number entered. Multidimensional pipe delimited value, with leading and trailing pipes. Enter allowed value combinations separated by pipes. Allowed values: * = any character # = numeric character @ = Text character IE: |@@####|######| Allows for the definition of multiple edit masks for each insurance code.

FO_INS Table		
Field	**Type**	**Notes**
Group_Mask	varchar (50)	Edit mask for the group number entered on the demographic screen. Enter an edit mask using allowed values. Allowed values: # = numeric character @ = Text character
Type	varchar (5)	Informational Site-specific use, not used by FAST
DisplayKey	varchar (80)	Informational Site-specific use, not used by FAST
UseABN	int	Indicates if ABN and medical necessity rules will apply when this insurance is selected for a patient on the demographic screen. Enter 0, 1, or skip this entry 0 or skip this entry = no medical necessity rules apply 1 = medical necessity rules apply
UseMSP	int	Indicates if MSP rules apply. Enter 0, 1, or skip this entry 0 or skip this entry = no MSP rules apply 1 = MSP rules apply

FO_INS Table		
Field	**Type**	**Notes**
UseReferral	int	Indicates if this insurance code requires a referral ID. Enter 0, 1, or skip this entry 0 or skip this entry = no referral required 1 = referral is required Causes the system to activate the referral screen in an order.
ReviewCarrier	varchar (50)	Carrier code this insurance code is associated with for medical necessity rules. Reflected in the `FO_CPTReview` table.
ReviewCPTs	varchar (8000)	Defines CPT codes checked for medical necessity rules for this insurance code. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid CPT codes separated by pipes. The system uses this list to speed medical necessity rules by only checking the CPT codes in the list for cross reference in the `FO_CPTReview` table.

FO_INS Table		
Field	**Type**	**Notes**
RequiredFields	varchar (300)	Defines list of insurance related fields that are required fields, if present. Enter single characters from the allowed values. Allowed values: P = policy number, also makes the relationship field mandatory G = insurance group number I = ICD / Diagnosis IE: PG makes the policy, relationship and group fields required fields
UserName	varchar (50)	Name of user who last edited the record. Informational
CreateDate	datetime	Date record was created. Informational
FINSystemChargeTo	varchar (50)	Default financial system charge to. Enter a financial system charge to.

FO_INS Table		
Field	**Type**	**Notes**
BillPatient	bit	Bit flag to determine if the system assumes that a patient may be billed. Enter 0 or 1 0 = do not intend to bill patient 1 = bill patient If the patient should be billed, a transaction should be sent to the FIN system.
EditDate	datetime	Date record was last edited. Informational
AutoVerify	varchar (50)	Indicates to the system that when this insurance is picked as primary on the patient demographic screen, the system may auto verify the patient. Enter 0, 1, or skip this entry 0 or skip this entry = do not auto verify patient 1 = auto verify patient User must have permission autoverbyins1 for system to auto verify.

FO_INS Table		
Field	**Type**	**Notes**
Ins_Rank	varchar (50)	Determines the ranking of the insurance when a search for insurances is performed on the patient demographic screen. Skip this entry = any spot Enter an allowed value. Allowed values: PRIMARY = for primary spot only SECONDARY = for secondary and tertiary spot If SECONDARY, the system only allows the user to use it in the secondary or tertiary spots of the patient demographic screen.
Ins_User_Assignement	varchar (255)	Defines the user group(s) who can search for this insurance code. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid user group codes separated by pipes.
ClientsPerfLabAssignement	varchar (500)	Enter |ALL| Do NOT change without Rhodesapproval. This is not the same as the 'C-' portion of per-forming lab rules definition.

FO_INS Table		
Field	**Type**	**Notes**
MedNecessityFormCodes	varchar (255)	Defines a list of medical necessity (ABN) related forms available when the ABN button on the order screen is clicked. Skip this field to default to |ABNENGLISH|ABNSPANISH| Multidimensional pipe delimited value, with leading and trailing pipes. Enter allowed values separated by pipes. Allowed values: ABNENGLISH ABNSPANISH BLANKABNENGLISH BLANKABNSPANISH GENERICENGLISH GENERICSPANISH BLANKGENERICENGLISH BLANKGENERICSPANISH To use custom forms, enter 'FC =' followed by `FO_MedicalNecessity_Form_Definition.FormCode`

FO_INS Table		
Field	**Type**	**Notes**
LabPopup	varchar (80)	Text message presented to a lab user when this insurance code is selected on the patient demographic screen.
ClientPopup	varchar (80)	Text message that is presented to a client user when this insurance code is selected on the patient demographic screen.
NotPrimaryIfPolicyStartsWith	varchar (50)	Defines policy number starting character(s) that cause a warning to be displayed. The warning is displayed if an insurance code is selected and the policy number entered starts with this (these) character(s). Enter the policy number starting character(s).
DiagCodingMethod	varchar (50)	Enter valid diagnosis coding method, 9 or 10, for this insurance. Value is referenced for Medical Necessity Rules.
BillFeeSchedule	varchar (80)	Default fee schedule code for this insurance when designated as the primary insurance. Enter a valid fee schedule code.
BillingOption	varchar (80)	Default billing option code for the default fee schedule code for this insurance when designated as the primary insurance. Enter a valid billing option code.

FO_INS Table		
Field	**Type**	**Notes**
HRAFormCode	varchar (50)	Default form code to use for health forms for this insurance. Enter a valid form code. >>> NEED to Check Definition <<<
HRAFormFrequencyInDays	bigint	Number of days between HRA form collections. Enter an integer as the number of days. >>> NEED to Check Definition <<<

Definitions of valid MedNecessityFormCodes for the Medicare ABN form:

ABNENGLISH = English form

BLANKABNENGLISH = Blank English form

ABNSPANISH = Spanish form

BLANKABNSPANISH = Blank Spanish form

GENERICENGLISH = Generic English form

BLANKGENERICENGLISH = Blank Generic English form

GENERICSPANISH = Generic Spanish form

BLANKGENERICSPANISH = Blank Generic Spanish form

FO_LabInfo

This table contains a single row of values used to configure system functions.

FO_LabInfo Table		
Field	**Type**	**Notes**
LabInfo_ID	int	ID field, a counter. Unique
LabName	varchar (50)	Laboratory name for the login screen and reports
LabCode	varchar (20)	Code value for this lab.
LabAddress1	varchar (50)	Address field on reports.
LabAddress2	varchar (50)	Second address field on reports.
LabAddress3	varchar (50)	Third address field on reports.
LabAddress4	varchar (50)	Fourth address field on reports.
LabDirector	varchar (50)	Name of lab director on reports.
Misc1	varchar (50)	Login screen user defined field #1.
Misc2	varchar (50)	Login screen user defined field #2.
Misc3	varchar (50)	Login screen user defined field #3.

FO_LabInfo Table		
Field	**Type**	**Notes**
Misc4	varchar (50)	Login screen user defined field #4.
Misc5	varchar (50)	Login screen user defined field #5.
UseVerify	int	Enter the integer 1 Do NOT change without Rhodes approval.
UseMandatorySteps	int	Enter the integer 1 Do NOT change without Rhodes approval.
Barcode_Security	decimal (18, 2)	Enter the real number 1.00 Do NOT change without Rhodes approval.
Barcode_Xunit	decimal (18, 2)	Enter the real number 150.00 Do NOT change without Rhodes approval.
Barcode_Yunit	decimal (18, 2)	Enter the real number 5.00 Do NOT change without Rhodes approval.
Def_PtLocCode	varchar (20)	System-level default patient location code on the order screen. Enter a valid patient location code. This code is only used if no value is in the field when the order is saved.
Def_Epi_Days	int	Enter the integer 30 Do NOT change without Rhodes approval.

FO_LabInfo Table		
Field	**Type**	**Notes**
Epi_Ins_Options	varchar (100)	Populates Insurance option drop-down list on the Episode Definition screen. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid insurance codes separated by pipes. IE: |INS1|INS2|INS3|
Epi_BillTo_Options	varchar (100)	Populates Bill To option drop-down list on the Episode Definition screen. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid billto codes separated by pipes. IE: |P|C|I|
SO_Review_Days	int	System-level default number of days before a standing order expires and requires review. Enter an integer for the number of days. Used to calculate the number of days until standing order expiration. Calculation is based on create date of the standing order. IE: 180 (is this calculated from collection date, create date or ??)

FO_LabInfo Table		
Field	**Type**	**Notes**
ResultSysURL	varchar (255)	URL to connect to a client-provided lab result portal. Enter a valid URL. The URL may contain place holders for user name and password for the client-provided lab system. IE: HTTP://LabPortal.com /#USERNAME#/#PASSWORD#
BlockMRLength	varchar (80)	Mask for MRN entry value. Multidimensional pipe delimited value, with leading and trailing pipes. Enter integers separated by pipes. Each number represents an MRN entry length that is NOT supported by the system. IE: |1|2|3|4|5|6|7|9|10|11|12|13|14| In this example, the MRN entry must be either 8 characters long or longer than 14 characters.
ADT_Interface	varchar (255)	Default value for the Outbound ADT system interface. Use Rhodes recommended value.

FO_LabInfo Table		
Field	**Type**	**Notes**
OE_Interface	varchar (255)	Default value for the Outbound OE system interface. Use Rhodes recommended value.
Result_Interface	varchar (255)	Default value for the Outbound RE system interface. Use Rhodes recommended value.
LogoImageFile	varchar (255)	The network path and file name for the logo file used on screen and report displays. Enter a valid network path and file name. The file must be a GIF or JPG image approximately 100x125 pixels.
DefaultFacilityID	varchar (50)	System-level default facility ID code. Enter a valid facility ID code.
DefaultSpeciesCode	varchar (50)	Default species code. H = HUMAN
DefaultSpeciesName	varchar (50)	Default species name corresponding to the default species code. HUMAN
Def_ClientCode	varchar (50)	System-level default client ID code. Enter a valid client ID code.

FO_LabInfo Table		
Field	**Type**	**Notes**
DefOrdScreenReq	varchar (80)	System-level default requisition report name used when the **REQ** button on the order screen is clicked. Default used when the user-level value is not defined. Required value. Use Rhodes recommended value.
Callback_Callcode	varchar (50)	Value of “Call” for callback systems. Used when the **Call** button on the order screen phone definitions is clicked.
Callback_Faxcode	varchar (50)	Value of “Fax” for callback systems. Used when the **Fax** button on the order screen phone definitions is clicked.
MRNumGenerationRoutine	varchar (50)	Automatically generates an MRN number on the patient data screen. Use Rhodes recommended value. Typical value: ALPHA4NUMBER4
PasswordExpirationDays	int	Number of days before a user password expires and must be reset. Enter an integer for the number of days.

FO_LabInfo Table		
Field	**Type**	**Notes**
Def_AreaCode	varchar (50)	System-level default for area code. Enter an integer for a valid area code. Used on the patient demographic screen if area code is not provided. The default area code is inserted into the record when the record is saved if no area code was entered on screen.
AutoOrderCodeWhenCCDoc	varchar (50)	Used to order tests automatically when copy to physician is used on the order screen. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid order test codes separated by pipes.
MRNumMask	varchar (50)	Medical record number mask used to validate the MRN field on the order screen. Enter "#" to represent numbers and "@" to represent alpha characters. Typical value: @@@@####
CallToOrderCode	varchar (50)	Used in the mini window for call/fax to automatically order a test code when the **Call** button is clicked on the order screen. Enter a valid orderable test code.

FO_LabInfo Table		
Field	**Type**	**Notes**
FaxToOrderCode	varchar (50)	Used in the mini window for call/fax to automatically order a test code when the **Fax** button is clicked on the order screen. Enter a valid orderable test code.
FastingOrderCode	varchar (50)	Used to automatically order a test if the fasting priority is selected at the order level on the order screen. The rule is activated at the time the **Verify** button is clicked. Enter a valid orderable test code.
PastOrderDays	int	Number of days back that the system will allow a user to date a new order. Enter an integer for the number of days. The collection date is evaluated and if the order is too old, a warning message will be displayed.
FutureOrderDays	int	Number of days in the future that the system will allow a user to date a new order. Enter an integer for the number of days. The collection date is evaluated and if the order is too far in the future, a warning message will be displayed.

FO_LabInfo Table		
Field	**Type**	**Notes**
ReqID_Mask	varchar (50)	Mask used to validate the requisition ID on the order screen. Enter “#” to represent numbers and “@” to represent alpha characters. Typical value: ######## This setting requires an 8 character numeric only entry.
ReqID_Exclude_Characters	varchar (80)	Defines the characters to exclude from the requisition ID value. Multidimensional COMMA delimited value. Enter the characters, separated by commas, that should be excluded from the requisition ID value on the order screen.
ReqID_Length_Range	varchar (50)	Represents the minimum and maximum number of characters allowed in the requisition ID field on the order screen. Enter two integers separated by a dash. Do not enter a value here if an edit mask is defined for the requisition ID field. If the value is set as '10-15', then an entry between 10 and 15 characters long is allowed.

FO_LabInfo Table		
Field	**Type**	**Notes**
DefaultPerformingLab	varchar (50)	System-level default performing lab code value. Enter a valid performing lab code value. Used to supply a performing lab code to the system when one is required and not provided by rules.
DefaultBatchDestination	varchar (50)	System-level default batch destination code. Enter a valid batch destination code. Used if not provided by rules for transport logic.

FO_LabInfo Table		
Field	**Type**	**Notes**
AccessionFormat	varchar (50)	Drives the routines that create unique FASTaccessions and container IDs. Use Rhodes recommended value. Allowed values: ENTRYGROUPCODE = use entry group code to derive format. 7SEQ = create a 7 character unique number 8SEQ = create a 8 character unique number 9SEQ = create a 9 character unique number 10SEQ = create a 10 character unique number 11SEQ = create a 11 character unique number 12SEQ = create a 12 character unique number

FO_LabInfo Table		
Field	**Type**	**Notes**
TestCompDupExcludeDept	varchar (50)	Defines the department codes to exclude from the test overlap/duplication logic during order entry. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid department codes separated by pipes. This value is used to exclude the list of department codes it represents from applying to the test overlap/duplication logic during order entry. Any department codes in this list will not be evaluated for test overlap. IE: |BB|MC|CY|PATH| If this field is blank, the system will default to |MC|BB|CY| and will exclude those departments from test overlap/duplication logic.

FO_LabInfo Table		
Field	**Type**	**Notes**
DisplayBDEFields	varchar (50)	Determines which fields to display in the blind duplicate entry screen. Multidimensional pipe delimited value, with leading and trailing pipes. Enter allowed values shown below separated by pipes. The default value of |ALL| may be used to display all fields. If this field is blank, the system will default to |ALL|. Allowed values: M = MRN N = patient name D = DOB S = gender T = telephone C = client L = location P = physician E = test related fields CC1 = copy to 1

FO_LabInfo Table		
Field	**Type**	**Notes**
		CC2 = copy to 2 CC3 = copy to 3 CC4 = copy to 4 ADD = address fields
TestCompDupExcludeTests	varchar (500)	Defines the order codes to exclude from the test overlap/duplication logic during order entry. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid order codes separated by pipes. This value is used to exclude the list of order codes it represents from applying to the test overlap/duplication logic during order entry. Any order codes in this list will not be evaluated for test overlap.

FO_LabInfo Table		
Field	**Type**	**Notes**
SalesTaxUserLoc	varchar (100)	Defines the user locations and their corresponding sales tax to be used for price calculations on the payments screen. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid user location code - sales tax percent pairs separated pipes. Each value in a pair is separated by a dash. IE: |USERLOC1-6.5|USERLOC2-6|
LabAccessionAlphaCharacters	varchar (50)	Represents the letters used in the lab accession generation when FASTwill pre-generate it and send it to the LIS. Multidimensional pipe delimited value, with leading and trailing pipes. Enter single capital letters separated by pipes. IE: |A|Q|Z|

FO_LabInfo Table		
Field	**Type**	**Notes**
LabAccessionFormat	varchar (50)	Defines format for creation of lab accession values. Use Rhodes recommended value. IE: 1A,8N The format '1A,8N' generates lab accessions that are one alpha character followed by 8 numeric characters.
PaymentTypes	varchar (100)	Populates the payment type drop-down on the payment screen. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid payment type codes separated by pipes. IE: |CARD|CHECK|CASH|
PaymentCardTypes	varchar (100)	Populates the credit type drop-down on the payment screen. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid credit card type codes separated by pipes. IE: |AMEX|VISA|DINNERS|DEBIT|

FO_LabInfo Table		
Field	**Type**	**Notes**
AutoCCORDCode	varchar (50)	Default test code for the ordering physician when the rule is activated to order a test battery to hold the values of ordering and copy to codes. The system will automatically enter the physician code for the order if the answer test code matches this value. Enter a valid test code. Used to send the ordering / copy to physician values to a client as a test code in a lab report.
AutoCCccCode	varchar (50)	Default test code for copy to physician when the rule is activated to order a test battery to hold the values of ordering and copy to codes. The system will automatically enter the copy to codes for the order if the answer test code matches this value. Enter a valid test code.

FO_LabInfo Table		
Field	**Type**	**Notes**
CollectionLocations	varchar (500)	System-level default for collection location if not defined at the user level. Enter a valid collection location. Used to validate the collection location entered on the order screen. (does this 'evaluate' mean that the field will be filled in with this value if the field is blank when the record is saved? or what?)
CDCOrderEvalHours	int	Represents a number of hours. Enter an integer for the number of hours. Default is 0. Used to validate the collection date/time on the order screen when a previously created order is opened. If the order collection date/time is older than this value, the collection date/time field is cleared to allow the user to enter a new one.
PtRaceEntries	varchar (255)	Populates the race drop-down on the patient demographics screen. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid race codes separated by pipes.

FO_LabInfo Table		
Field	**Type**	**Notes**
PtEthnicityEntries	varchar (255)	Populates the ethnicity drop-down on the patient demographics screen. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid ethnicity codes separated by pipes.
FutureOrderSecsAutoReceive	int	Represents a number of seconds. Enter an integer for the number of seconds. If the collection date/time is in the future by more than this number of seconds, the accession is excluded from auto receive processes.
FutureOrderSecsNotTriggerLabels	int	Represents a number of seconds. Enter an integer for the number of seconds. If the collection date/time is in the future by more than this number of seconds, no label is produced.
CID_Prefix	varchar (50)	Prefix characters for ContainerID. Enter the character string to use as the prefix for ContainerIDs.

FO_LabInfo Table		
Field	**Type**	**Notes**
ExceptionExecFolder	varchar (255)	Pathway for CSTools installation. Enter a valid network path. IE: C:\Program Files (x86)\Rhodes\Rhodes Client Service Tools
ExceptionExecutable	varchar (80)	File name for CSTools executable. Include ".exe" in the file name. IE: ClientServiceTools.exe
OrderActionPhoneNumbers	varchar (255)	Designed for use in TEST area. Multidimensional pipe delimited value, with leading and trailing pipes. Enter phone numbers, separated by pipes, to limit user's choice of entry. IE: |1234567894|2625326859|2625327021| Used to prevent a user from sending play data to real client. Typically, only include values internal to IT group.

FO_LabInfo Table		
Field	**Type**	**Notes**
RecognizedPrefixes	varchar (255)	Defines the prefixes to remove from patient last name in patient matching rules. Storage of prefixes depends on permission. Multidimensional pipe delimited value, with leading and trailing pipes. Enter patient last name prefixes that should be removed from patient last names via matching rules. Enter prefixes separated by pipes.
RecognizedSuffixes	varchar (255)	Defines the suffixes to remove from patient last name in patient matching rules. Storage of suffixes depends on permission. Multidimensional pipe delimited value, with leading and trailing pipes. Enter patient last name suffixes that should be removed from patient last names via matching rules. Enter suffixes separated by pipes.

FO_LabInfo Table		
Field	**Type**	**Notes**
OrderCollectLocationTypes	varchar (255)	Populates the collection type drop-down on the patient collection location screen. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid collection type codes separated by pipes. Used to group or classify a set of addresses you have associated to the patient. For example: N or NH = nursing home H = patient's residence C = health fair or clinic IE: |N|H|C|

FO_LabInfo Table		
Field	**Type**	**Notes**
SendOrderForFPCancelToLIS	bit	Bit flag to indicate if FASTshould trigger a new order message before a cancel message when sending cancellation to LIS. This would only be true for orders that have not been previously sent to the LIS or have originated in LIS. The system will evaluate both of these conditions by checking to see if the `IFTriggerUpdate` field has been filled at the test level. Enter 0 or 1 0 = do not trigger NW order before cancel 1 = trigger NW Order before sending cancel
TriggerCancelCDCOutbound	bit	Bit flag to indicate if FASTshould trigger cancellation messages to the outbound CDC interface for orders where `FO_Accessions.Origin` equals 'C' or 'T'. Enter 0 or 1 0 = do not trigger cancellation messages to outbound CDC 1 = trigger cancellation messages to outbound CDC

FO_LabInfo Table		
Field	**Type**	**Notes**
TDC_In_Interfaces	varchar (255)	Interface code for Trusted Data Concentrator inbound interface. Code is written to the interface code field when a trigger row is written by FAST. It must match what is expected for interface to function.
TDC_Out_Interfaces	varchar (255)	Interface code for Trusted Data Concentrator outbound interface. Code is written to the interface code field when a trigger row is written by FAST. It must match what is expected for interface to function.
CDC_In_Interfaces	varchar (255)	Interface code for Client Data Concentrator inbound interface. Code is written to the interface code field when a trigger row is written by FAST. It must match what is expected for interface to function.
CDC_Out_Interfaces	varchar (255)	Interface code for Client Data Concentrator outbound interface. Code is written to the interface code field when a trigger row is written by FAST. It must match what is expected for interface to function.

FO_LabInfo Table		
Field	**Type**	**Notes**
CDC_OUT_Cancel_Order_Control	varchar (50)	Cancellation order control to be used in FO_ IF_Trigger_CDCOutbound. OrderControl when FAST writes a can- cellation trigger. Enter OC or CA Code is written to the trigger table when a trigger row is written by FAST.
RecentPatientSearchType	varchar (50)	Default RECENT PTS search type. Enter an allowed value. Allowed values: USERLOCATION ENTRYGROUPCODE PTACCESSGROUP MPI
RecentPatientSearchDays	varchar (50)	Default number of days to evaluate for recent activity. Enter an integer for the number of days. Used with RECENT PTS search option. Based on edit date not create date.

FO_LabInfo Table		
Field	**Type**	**Notes**
UseInterfaceTriggerService	bit	Bit flag to indicate if FASTshould enable FASTInterface Trigger Layer. Used in conjunction with FASTInterface Trigger Process Service. Enter 0 or 1 0 = do not use trigger layer (FASTwill continue to write to trigger table) 1 = use FASTInterface Trigger Layer and FASTInterface Trigger Process Service (started configured and separately) (A background service for creating application to interface subsystem triggers. When this is set the application writes general triggers for the background job to process in the table `FO_IF_AppTrigger_Queue`. The background job then creates the explicit table updates and the triggering to the `FO_ID_Trigger table`.)
ProvCodesTriggerFreeText	varchar (255)	Defines provider codes for which a freetext provider name is allowed. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid provider codes separated by pipes.

FO_LabInfo Table		
Field	**Type**	**Notes**
UseClientDrivenOrderScreen	bit	Bit flag to indicate if client-driven order screen is default order screen. Enter 0 or 1 0 = use original FASTorder screen 1 = use client-driven order screen
UnknownCollectDate	date	Date sent to LIS when Unknown Collection box is checked. Enter collect date as MM/DD/YYYY format.
UnknownCollectTime	varchar (50)	Time sent to LIS when Unknown Collection box is checked. Enter collect time as HH:MM 24-hour format.
SpecimenPresentsDefTechCode	varchar (50)	Default tech code for collection tech in the Specimen Presents mode. Enter a valid tech code.
MaxOrderCopyToProvs	varchar (50)	Defines the maximum number of 'Copy To' providers allowed per order. Enter an integer from 0 to 10.
FPtoRREInterfaceCode	varchar (50)	Interface code for the Fast to RRE interface service. Enter a valid interface code.

FO_LabInfo Table		
Field	**Type**	**Notes**
LabRegionCode	varchar (50)	Connects a lab code to a larger organization charting process. Enter a valid region code as defined in an organizations chart.
LabDivisionCode	varchar (50)	Connects a lab code to a larger organization charting process. Enter a valid division code as defined in an organizations chart.
LabSubDivisionCode	varchar (50)	Connects a lab code to a larger organization charting process. Enter a valid sub-division code as defined in an organizations chart.
DefaultFeeSchedule	varchar (80)	Default fee schedule for multiple fee sched-ule implementations. Enter a valid fee schedule code.
DefaultFeeScheduleOption	varchar (80)	Default option code in the default fee sched-ule for multiple fee schedule imple-mentations. Enter a valid fee schedule option code.

FO_LabInfo Table		
Field	**Type**	**Notes**
WorkFlowMethods	varchar (255)	Workflow methods used by the site. Populates the workflow method drop-down on the integrated search page. Multidimensional pipe delimited value, with leading and trailing pipes. Enter one or more allowed values separated by pipes. Allowed values: PATIENT PRESENTS SPECIMEN PRESENTS INDUSTRIAL TOX
DefaultWorkFlowMethod	varchar (50)	System-level default workflow. Overridden by a user location or user-defined default workflow. Enter an allowed value. Allowed values: PATIENT PRESENTS SPECIMEN PRESENTS INDUSTRIAL TOX

FO_LabInfo Table		
Field	**Type**	**Notes**
ITOXDefProviderCode	varchar (50)	Default provider code for orders placed while in ITOX workflow. Enter a valid provider code.
ITOXDefICDCodeq	varchar (50)	Default diagnosis code for orders placed while in ITOX workflow. Enter a valid diagnosis code.
PatientFeeSchedule	varchar (80)	Default fee schedule code applied to FASTaccessions labeled with a Bill To value of 'Patient/Guarantor'. Enter a valid fee schedule code.
PatientFeeScheduleOption	varchar (80)	Default fee schedule option applied to FASTaccessions labeled with a Bill To value of 'Patient/Guarantor'. Enter valid fee schedule option code.
CashFeeSchedule	varchar (80)	Default fee schedule code applied to FASTaccessions labeled as 'Bill to Cash'. Enter a valid fee schedule code.
CashFeeScheduleOption	varchar (80)	Default fee schedule option applied to FASTaccessions labeled as 'Bill to Cash'. Enter a valid fee schedule option code.

FO_LabInfo Table		
Field	**Type**	**Notes**
PaymentReceiptExternalFormCode	varchar (50)	The form code from `FO_External_Form_Definition`. ExternalFormCode that can be used to show a user-customized SSRS-based payment receipt form.
PtDefaultDOB	date	Default DOB. Enter DOB as MM/DD/YYYY format.
BatchListRPTExternalFormCode	varchar (50)	The form code from `FO_External_Form_Definition`. ExternalFormCode that can be used to show a user-customized SSRS-based Batch List form. Leave blank to use the default report.
DispatchListRPTExternalFormCode	varchar (50)	The external form code for the dispatch list user custom report. Enter a valid external form code as defined in `FO_External_Form_Definition.ExternalFormCode`.

FO_LISxHIS

Fee Schedule Table

This table contains records that cross-reference a test code to one or more CPT codes and its price. It is used in both medical necessity and fee schedule related rules.

Each test code defined here represents an orderable component where CPT should be cross-referenced. It may be a battery code, single test code or package code. The system will only evaluate this code as a one-to-one with each code entered on the order screen, at the time of entry by the user.

Each record represents a single test code and CPT code pair. If a test has more than one CPT code, then multiple records must be defined.

FO_LISxHIS Table		
Field	**Type**	**Notes**
LISCode	varchar(50)	LIS test code. Enter a unique code.
TestName	varchar (255)	Test name. Enter a test name.
Schedule	varchar(80)	Fee schedule code. Enter a valid fee schedule code.
Billing_Option	varchar(80)	Billing option code. Enter a valid billing option code. The billing option for a fee schedule code.

FO_LISxHIS Table		
Field	**Type**	**Notes**
Billing_Code	varchar(80)	Company billing code (CDM). Enter a valid company billing code. This is not the CPT code.
Price	varchar(50)	Price. Enter a price as a currency format #,###.## (true?)
CPT	varchar(50)	CPT code. Enter a valid CPT code.
LISxHIS_ID	int	ID field, a counter. Unique
PercentDiscount	int	Percent discount on price when paid by cash. Enter an integer for the percent discount. Discounts the price at the time a test is ordered if the Bill To is CASH.
CreateDate	datetime	System timestamp when record is created. Informational
EditDate	datetime	System timestamp when record is edited. Informational

FO_MergeTable_Definitions

Table used to establish alias/cross reference of data elements for merge process since same data element might be posted to multiple tables.

FO_MergeTable_Definitions Table		
Field	**Type**	**Notes**
MergeTables_ID	int	ID field, a counter. Unique
Active	bit	Bit flag to indicate if this record is active. Enter 0 or 1 0 = inactive (FALSE) 1 = active (ACTIVE)
TableName	varchar (50)	Enter a valid database table name.
PT_ID	varchar (50)	Enter a valid column name for patient row identifier. Do not enter a column name that is a table's primary key, for example, for the `FO_Acc_Pts` or `FO_Patients` tables.
FOID	varchar (50)	Enter a valid column name for FOID.
MRN	varchar (50)	Enter a valid column name for MRN, medical record number.
MRNHID	varchar (50)	Enter a valid column name for MRN/Facility ID.

FO_MergeTable_Definitions Table		
Field	**Type**	**Notes**
Acct	varchar (50)	Enter a valid column name for account.
EpisodeID	varchar (50)	Enter a valid column name for episode ID. Do not enter a column name that is a table's primary key, for example, for the `FO_Episodes` table.
LIS_Episode	varchar (50)	Enter a valid column name for lab system episode number.
SSN	varchar (50)	Enter a valid column name for social security number.
PtName	varchar (50)	Enter a valid column name for patient name.
PtDOB	varchar (50)	Enter a valid column name for patient date of birth.
PtGender	varchar (50)	Enter a valid column name for patient gender.
UniqueAcc	varchar (50)	Enter a valid column name for unique accession number.
Accession	varchar (50)	Enter a valid column name for FAST accession number.
LabAcc	varchar (50)	Enter a valid column name for lab accession number.
PIDX	varchar (50)	Enter a valid column name for lab system internal patient identifier.

FO_MergeTable_Definitions Table		
Field	**Type**	**Notes**
ORDX	varchar (50)	Enter a valid column name for lab system internal order identifier.
FacilityID	varchar (50)	Enter a valid column name for facility ID.
CreateDate	datetime	Date record was created. Informational
EditDate	datetime	Date record was last edited. Informational
Last_Name	varchar (50)	Enter a valid column name for patient last name.
First_Name	varchar (50)	Enter a valid column name for patient first name.
MI	varchar (50)	Enter a valid column name for patient middle initial.

FO_MPI_Qualifier

This table allows for the definition of MPI qualifier codes. Each MPI qualifier code represents an external system identifier (ID) that defines a unique ID for that system. Essentially it represents the HL7 assignment authority concept.

Each record in this table represents a single MPI qualifier code. Typical use of this table is to create a system ID for each EMR and HIS system that will send data through the FASTdata concentrator interfaces.

The MPI qualifier code is used by several logic rule sets in the system. The FO_MPI table is the central patient cross reference table where an MPI Qualifier Code is cross referenced to outside patient IDs. The `FO_IF_Translations` table allows the user to translate external parameter, or maintenance, values based on qualifier code values.

FO_MPI_Qualifier Table		
Field	**Type**	**Notes**
MPI_Qualifier_ID	int	ID field, a counter. Unique
Qualifier	varchar (50)	Enter a unique qualifier code.
EntryGroupCode	varchar (50)	Entry group code if one is assigned to this qualifier. Enter a valid group code.
Description	varchar (255)	Name or description of this qualifier code.

FO_MPI_Qualifier Table		
Field	**Type**	**Notes**
DefaultProviderCode	varchar (50)	Default provider code if an external entry is received and a cross reference is not found in the `FO_IF_Translations` table. Enter a valid provider code.
DefaultClientCode	varchar (50)	Default client code if an external entry is received and a cross reference is not found in the `FO_IF_Translations` table. Enter a valid client ID.
DefaultPtLocCode	varchar (50)	Default patient location code if an external entry is received and a cross reference is not found in the `FO_IF_Translations` table. Enter a valid patient location code.
DefaultInsuranceCode	varchar (50)	Default insurance code if an external entry is received and a cross reference is not found in the `FO_IF_Translations` table. Enter a valid insurance code.
DefaultTestCode	varchar (50)	Default test code if an external entry is received and a cross reference is not found in the `FO_IF_Translations` table. Enter a valid test code.

FO_MPI_Qualifier Table		
Field	**Type**	**Notes**
DefaultBillToCode	varchar (50)	Default bill to long code if an external entry is received and a cross reference is not found in the `FO_IF_Translations` table. Enter a valid bill to long code. Valid long codes are: Client Your Office Insurance Skilled Nursing Worker's Comp. Insurance (Non Skilled) Medicare A (Skilled) Auto Accident Not Specified Patient/Guarantor Cash Payment No Charge Skilled Nursing Auto Accident

FO_MPI_Qualifier Table		
Field	**Type**	**Notes**
DoNotAllowEditPtLoc	bit	Bit field to determine if patient location code can be edited for this MPI Qualifier. Enter 0 or 1 0 = allow edit of patient location on the order screen 1 = do not allow edit of patient location on the order screen
CreateDate	datetime	Date record was created. Informational
EditDate	datetime	Date record was edited. Informational
EditUserName	varchar (50)	User who created record. Informational
SendProviderOnInterface	bit	Informational (any more info to add here?)
RequiresExternalEpisodeID	bit	Bit field to determine if external episode ID is required for this MPI Qualifier. Enter 0 or 1 0 = external episode ID is not required 1 = external episode ID is required Works with permission chkmpireqcv [Orders Module].

FO_MPI_Qualifier Table		
Field	**Type**	**Notes**
UseForCDCOutboundProcessing	bit	Bit field to determine if CDC Outbound processing is used for this MPI Qualifier. Enter 0 or 1 0 = do not use CDC Outbound pro-cessing 1 = use CDC)utbound processing Client-level definitions are defined in the `FO_CDC_Outbound_Filter` table.
MPIType	varchar (50)	Informational (any more info to add here?)
RequiresClientPtID	bit	Bit field to determine if ClientPtId, the Clnt Pt ID field, on the order screen is required for this MPI Qualifier. Enter 0 or 1 0 = ClientPtId is not required 1 = ClientPtId is required

FO_MPI_Qualifier Table		
Field	**Type**	**Notes**
DoNotAllowEditProvCode	bit	Bit field to determine if provider code can be edited for this MPI Qualifier. Enter 0 or 1 0 = allow edit of provider code on order screen 1 = do not allow edit of provider code on order screen if field is populated If this value is 1 and if the provider code is blank on the order screen, user can enter and modify a provider code and save the record. Once the record has been saved, no additional edits can be made to the provider code on the order screen.

FO_MPI_Qualifier Table		
Field	**Type**	**Notes**
DoNotAllowEditClientCode	bit	Bit field to determine if client ID can be edited for this MPI Qualifier. Enter 0 or 1 0 = allow edit of client ID on order screen 1 = do not allow edit of client ID on order screen if field is populated If this value is 1 and if the client ID is blank on the order screen, user can enter and modify a client ID and save the record. Once the record has been saved, no additional edits can be made to the client ID on the order screen.

FO_MPI_Qualifier Table		
Field	**Type**	**Notes**
DoNotAllowEditClientPtID	bit	Bit field to determine if ClientPtId, the Clnt Pt ID field, can be edited for this MPI Qualifier. Enter 0 or 1 0 = allow edit of ClientPtId on order screen 1 = do not allow edit of ClientPtId on order screen if field is populated If this value is 1 and if the field is blank on the order screen, user can enter and modify a ClientPtId and save the record. Once the record has been saved, no additional edits can be made to the ClientPtId on the order screen.

FO_MPI_Qualifier Table		
Field	**Type**	**Notes**
DoNotAllowEditExternalEpisodeID	bit	Bit field to determine if ExternalEpisodeId can be edited for this MPI Qualifier. Enter 0 or 1 0 = allow edit of ExternalEpisodeId on order screen 1 = do not allow edit of ExternalEpisodeId on order screen if field is populated If this value is 1 and if the field is blank on the order screen, user can enter and modify an ExternalEpisodeId and save the record. Once the record has been saved, no additional edits can be made to the ExternalEpisodeId on the order screen.
RequiresReqID	bit	Bit field to determine if ReqId, requisition ID, is required for this MPI Qualifier. Enter 0 or 1 0 = ReqId is not required 1 = ReqId is required

FO_MPI_Qualifier Table		
Field	**Type**	**Notes**
DoNotAllowEditReqID	bit	Bit field to determine if ReqID can be edited for this MPI Qualifier. Enter 0 or 1 0 = allow edit of ReqID on order screen 1 = do not allow edit of ReqID on order screen if field is populated If this value is 1 and if the field is blank on the order screen, user can enter and modify a ReqID and save the record. Once the record has been saved, no additional edits can be made to the ReqID on the order screen.
UpdatePatientExternalVisits	bit	Bit field to determine if Patient External Visits table, `FO_Patient_External_Visits`, is updated for this MPI Qualifier. Enter 0 or 1 0 = do not update Patient External Visit Table 1 = update Patient External Visit Table

FO_MPI_Qualifier Table		
Field	**Type**	**Notes**
ExcludeFromMPIPtMatching	bit	Bit field to determine if MPI Qualifier is excluded from patient matching. Enter 0 or 1 0 = use in patient matching 1 = exclude from patient matching **Future Use**
ReTriggerODCResultsPrecedingOrder	bit	Bit field to determine if ODC result messages is retriggered if it originally was sent before order messages. Enter 0 or 0 = result messages are not retriggered 1 = result messages are retriggered if order message was sent after initial result message
PreserveCollDatePtPresents	bit	Bit field to determine if MPI Qualifier should preserve the collection date in message the first time a TDC/CDC order is opened, when processed in patient presents workflow. Enter 0 or 1 0 = do not preserve collection date 1 = preserve collection date

FO_MPI_Qualifier Table		
Field	**Type**	**Notes**
PreserveCollDateSpecPresents	bit	Bit field to determine if MPI Qualifier should preserve the collection date in message the first time a TDC/CDC order is opened, when processed in specimen presents workflow. Enter 0 or 1 0 = do not preserve collection date 1 = preserve collection date
SendForeignOBR2OnLISOutbound	bit	Bit field to determine if MPI Qualifier should send foreign OBR2 value in LIS Outbound interface. Enter 0 or 1 0 = do not send foreign OBR2 value 1 = send foreign OBR2 value
UsePtLocFromExtVisits	bit	Bit field to determine if MPI Qualifier uses the patient location from external visits. Enter 0 or 1 0 = do not use patient location from external visits 1 = use patient location from external visits

FO_MPI_Qualifier Table		
Field	**Type**	**Notes**
ICD9CodingMethod	varchar (50)	*** NEED DEFINITION ***
ICD10CodingMethod	varchar (50)	*** NEED DEFINITION ***
RequireProvNPIonSubstitution	bit	Instructs interfaces to use Provider NPI codes on SWAP logic.
TimeZone	varchar (50)	*** NEED DEFINITION ***
ApplyParentFillerIdsToAutoOrders	bit	*** NEED DEFINITION ***
SourceSystemFacilityID	varchar (50)	Source system facility ID or HID. Enter a valid facility ID or HID. Helps discriminate an order by the HID from which it originates.

FO_Tests

Basic test definitions.

This table requires a single record for each test code. Its purpose is to provide the basic definitions for each test.

FO_Tests Table		
Field	**Type**	**Notes**
Tests_ID	int	ID field, a counter. Unique
TestCode	varchar (50)	Enter a unique test code which corresponds to the LIS test code sent across the interfaces.
TestName	varchar (255)	Name for the test.
AltName	varchar (255)	A list of words used to search for this test. Separate each word with a space. The system typically does a "like" search so multiple values can be matched.
TestType	varchar (255)	Type of test. Enter an allowed value. Allowed values: TEST = single test code BAT = battery code PKG = package code

FO_Tests Table		
Field	**Type**	**Notes**
Orderable	varchar (255)	Determines if the test is orderable. Enter an allowed value. Allowed values: Y = orderable N = not orderable B = billable test
AnswerAtOrder	varchar (255)	Determines status of answeratorder. Enter an allowed value. Allowed values: Y = yes N = no M = mandatory Informational
LabDept	varchar (255)	Enter a valid lab department code.
PerformingLab	varchar (255)	Enter a valid performing lab code. Informational

FO_Tests Table		
Field	**Type**	**Notes**
Test_Bat_in_Pkg	varchar (255)	Represents the tests and battery test codes within a package. Critical field for package test overlap logic. Multidimensional comma delimited value with leading and trailing commas. Enter valid test codes separated by commas. If the package contents are not orderable, consider making them orderable so overlapping logic will not fail. IE: ,NA,K,CBC,
Components	varchar (800)	Represents the test codes within a battery. Critical field for test overlap logic. Multidimensional comma delimited value with leading and trailing commas. Enter valid test codes separated by commas. If the components are not orderable, consider making them orderable so overlapping logic will not fail. IE: ,NA,K,CL,

FO_Tests Table		
Field	**Type**	**Notes**
ContainerCode	varchar (255)	Default container code for this test. Enter a valid container code. Used to combine or separate tests to a container ID or accession depending on rules. Critical field for container processing. If container rules will not be used it's an informational component to assist with specimen collection.
ContainerType	varchar (255)	Name for the container code.
SpecimenCode	varchar (255)	Specimen code for this test. Enter a valid specimen code as found in the `FO_Types_Specimen` table.
SpecimenType	varchar (255)	Represents the specimen code description. Specimen code name for this test.
StorageCode	varchar (255)	Storage code. Enter a valid storage code as found in the `FO_Types_Container` table.
StorageType	varchar (255)	Description for the storage code.
Volume	varchar (255)	Minimum volume required for this test collection in ML.

FO_Tests Table		
Field	**Type**	**Notes**
Instructions	varchar (4000)	Collection instructions for the person obtaining the specimen. If the test includes a URL link beginning with HTTP as the last line, the system will enable a web link when the field on the order screen is selected, or clicked into.
Comments	varchar (255)	Default comments for this test.
DisplaySequence	varchar (255)	Future use
Send_to_LIS	int	Determines if the test should be transmitted on outbound interfaces. Enter 0 or 1 0 = do not send test 1 = send test

FO_Tests Table		
Field	**Type**	**Notes**
Req_Dept	varchar (50)	Used to create separate requisitions for test groups when the **REQ** button on the order screen is clicked. Enter a valid requisition department code to indicate that this test should be separated from other tests of different codes when printing a requisition. Typically used to group pathology, micro and other specialty tests as separate requisitions.
SpeciesCode	varchar (50)	Default species code for which this test should be run. Enter a valid species code.
TestInfo	text	Test related information which may be displayed when the **Instruction** button on the order screen test list is clicked.
ViewByLabOnly	varchar (255)	Determines if lab user can define a test. [from KB -- check on 'define test'] Enter Y or N Y = lab only N or skip this entry = everyone Used to separate some tests so they are only searchable by lab staff.

FO_Tests Table		
Field	**Type**	**Notes**
LabPopup	varchar (255)	Test specific message displayed by FAST when this test is ordered. Enter a message for display. This field is meant for lab use only.
ClientPopup	varchar (255)	Test specific message displayed by FAST when this test is ordered. Enter a message for display. This field is meant for client use only.
AutoOrder	varchar (255)	Defines the list of test codes that will automatically be ordered when this test code is ordered. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid test codes separated by pipes.
AltTestCode	varchar (255)	Second test code for this test. The system will check for both the test code and this code when it is entered on the order screen.

FO_Tests Table		
Field	**Type**	**Notes**
Active	varchar (255)	Determines if this test code is active and therefore searchable on the order screen. Enter Y or N Y or skip this entry = yes N = not active
ResultUnits	varchar (4000)	Units for this test. Informational
Sensitive	varchar (255)	Indicates if the test is sensitive. Enter Y or N N or skip this entry = no Y = yes
AutoAnswerAtOrder	varchar (4000)	Informational Used by Sunquest. Can be the coded result or free text result applied when test is ordered in Sunquest.
InterfaceCode	varchar (255)	Default interface code for this test. Enter a valid interface code. Skip this entry to use the system-level default.

FO_Tests Table		
Field	**Type**	**Notes**
Billable	varchar (255)	Determines if this test code is billable. Enter Y or N Y or skip this entry = yes N = no
PercentDiscount	int	Defines the percent discount applied for this test when CASH is chosen as the Bill To on the order screen. The rule, or calculation, is executed on the payment screen. Enter an integer for the percent discount.
PerfLabAssignByINS	varchar (500)	Defines the list of insurance based performing lab rules. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid insurance based performing lab rules separated by pipes. See performing lab module for more information.
OrderComment	varchar (80)	Default test order comment.

FO_Tests Table		
Field	**Type**	**Notes**
ExplodePackage	varchar (50)	Determines if a package code should be split into its constituents at time of order. This rule executes at the time a test is ordered on the order screen. Enter Y or N Y = explode package N or skip this entry = do not explode package
ExcludeFromUnverified	varchar (1)	Determines if a test code should be excluded from the report that lists unverified tests. Enter Y or N Y = exclude test code N or skip this entry = do not exclude test code

FO_Tests Table		
Field	**Type**	**Notes**
UserLocationPriority	varchar (255)	Determines the default priority to assign to the test based on the user location at time of order. Multidimensional pipe delimited user-location=priority pairs, with leading and trailing pipes. Enter valid user location code = valid priority code pairs separated by pipes. Value 1 = user location code Value 2 = priority code IE: |USERLOC1=S|USERLOC2=T| In this example the system will default the test priority to STAT if the user’s location is USERLOC1 or default the test priority to Timed if the user's location is USERLOC2.

FO_Tests Table		
Field	**Type**	**Notes**
InsCodeForTestInsRules	varchar (500)	Used in insurance specific rules to mark a test as payable or not by an insurance. Defines a list of insurance codes for which this test should be checked for rules. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid insurance codes separated by pipes. OR Enter |ALL| to check for insurance specific rules for this test for any insurance.
LISAccGrpCode	varchar (50)	Determines how the system should group tests to a lab accession if the rule for single container per lab accession is NOT used. Enter a valid grouping code. This grouping code will allow the system to group multiple containers in a single lab accession. Should be considered for sites where the LIS accepts a container ID (CID) separately from the lab accession.

FO_Tests Table		
Field	**Type**	**Notes**
PerfLabTestGroup	varchar (3000)	Defines the list of test group code that direct where the test is performed. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid test group codes separated by pipes. Used as part of the performing lab rules.
ConvertByMPI	varchar (50)	Used by the CDC Interface to identify if numeric result should be converted from kilograms to pounds or pounds to kilograms. Enter either KGStoLB or LBStoKG Reference instructions for this conversion in the CDC interface.
CreateDate	datetime	System timestamp when record is created. Informational
EditDate	datetime	System timestamp when record is edited. Informational

FO_Tests Table		
Field	**Type**	**Notes**
ExcludeFromNotInBatchRpt	bit	Bit flag that determines if test can qualify to appear on reports that show tests not yet batched. Skip this entry so test will appear on NotInBatch reports. Enter 0 or 1 or skip this entry 0 or skip this entry = test will appear on NotInBatch reports 1 = test is excluded from NotInBatch reports Used to exclude tests that are not import-ant for batching like comment tests and RESOE tests so user does not have to troubleshoot as many items.
TestPerfLabCodeList	varchar (2000)	Populates drop-down list of performing lab codes, for this test, on the order screen, based on permission. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid performing lab codes separated by pipes.

FO_Tests Table		
Field	**Type**	**Notes**
FinTestCodes	varchar (500)	Alternative test code(s) sent in Billing files instead of the lab code. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid test codes separated by pipes.
ABNEnglishFreqMessage	varchar (255)	Alternative ABN message utilized when test fails Medical Necessity rules for reason of FREQUENCY. Default message will be used if this field is blank. This message should be for ENGLISH form.
ABNSpanishFreqMessage	varchar (255)	Alternative ABN message utilized when test fails Medical Necessity rules for reason of FREQUENCY. Default message will be used if this field is blank. This message should be for SPANISH form.
ABNEnglishExperimentalMessage	varchar (255)	Alternative ABN message utilized when test fails Medical Necessity rules for reason of EXPERIMENTAL. Default message will be used if this field is blank. This message should be for ENGLISH form.

FO_Tests Table		
Field	**Type**	**Notes**
ABNSpanishExperimentalMessage	varchar (255)	Alternative ABN message utilized when test fails Medical Necessity rules for reason of EXPERIMENTAL. Default message will be used if this field is blank. This message should be for SPANISH form.
ABNEnglishDiagnosisMessage	varchar (255)	Alternative ABN message utilized when test fails Medical Necessity rules for reason of DIAGNOSIS. Default message will be used if this field is blank. This message should be for ENGLISH form.
ABNSpanishDiagnosisMessage	varchar (255)	Alternative ABN message utilized when test fails Medical Necessity rules for reason of DIAGNOSIS. Default message will be used if this field is blank. This message should be for SPANISH form.
LabCode	varchar (50)	Lab code for this test code. Enter a valid lab code.

FO_Tests Table		
Field	**Type**	**Notes**
SourceSystem	varchar (50)	The test definition system/vendor/version ID. Enter a valid system/vendor/version ID. Connects to the organization source system definitions.
RequireAddionalDemographics	bit	Future Use
RequireOrderGuardian	bit	Bit flag to determine if guardian information is required on the order screen. Enter 0 or 1 or skip this entry 0 or skip this entry = guardian information is not required 1 = guardian information is required
RequireOrderGuardian16	bit	Bit flag to determine if guardian information is required on the order screen for patients younger than 16 years old. Enter 0 or 1 or skip this entry 0 or skip this entry = guardian information is not required for patients younger than 16 years old 1 = guardian information is required for patients younger than 16 years old

FO_Tests Table		
Field	**Type**	**Notes**
RequireOrderAddress	bit	Bit flag to determine if patient address is required on the order screen. Enter 0 or 1 or skip this entry 0 or skip this entry = patient address is not required 1 = patient address is required
RequireOrderEthnicity	bit	Bit flag to determine if patient's ethnicity is required on the order screen. Enter 0 or 1 or skip this entry 0 or skip this entry = ethnicity is not required 1 = ethnicity is required
RequireOrderRace	bit	Bit flag to determine if patient's race is required on the order screen. Enter 0 or 1 or skip this entry 0 or skip this entry = race is not required 1 = race is required

FO_Tests Table		
Field	**Type**	**Notes**
RequireOrderEmployer	bit	Bit flag to determine if patient's employer data is required on the order screen. Enter 0 or 1 or skip this entry 0 or skip this entry = employer data is not required 1 = employer data is required
RequireOrderLMP	bit	Bit flag to determine if patient's LMP data is required on the order screen. Enter 0 or 1 or skip this entry 0 or skip this entry = LMP data is not required 1 = LMP data is required
RequireOrderOccupation	bit	Bit flag to determine if patient's occupation data is required on the order screen. Enter 0 or 1 or skip this entry 0 or skip this entry = occupation data is not required 1 = occupation data is required

FO_Tests Table		
Field	**Type**	**Notes**
RequireOrderEmployer16	bit	Bit flag to determine if patient's employer data is required on the order screen for patients who are 16 years old or older. Enter 0 or 1 or skip this entry 0 or skip this entry = employer data is not required for patients 16 years old or older 1 = employer data is required for patients 16 years old or older Be sure that you do not set both this field and RequestOrderEmployer16 to 1.
RequestOrderEmployer16	bit	Bit flag to determine if patient's employer data is requested on the order screen for patients who are 16 years old or older. Enter 0 or 1 or skip this entry 0 or skip this entry = employer data is not requested for patients 16 years old or older 1 = employer data is requested for patients 16 years old or older Be sure that you do not set both this field and RequireOrderEmployer16 to 1.

FO_Tests Table		
Field	**Type**	**Notes**
RequireOrderOccupation16	bit	Bit flag to determine if patient's occupation data is required on the order screen for patients who are 16 years old or older. Enter 0 or 1 or skip this entry 0 or skip this entry = occupation data is not required for patients 16 years old or older 1 = occupation data is required for patients 16 years old or older

FO_Tests Table		
Field	**Type**	**Notes**
AskUserForWorkLoadCode	bit	Bit flag to determine when user is prompted to enter workload method. Works with forcewrkldrequired permission which checks all tests ordered on the client-driven order screen when the Verify button is clicked to see if a workload entry is required (FO_Tests.AskUserForWorkLoadCode), and not allow the User to verify if any do not have it. Rule is enforced on client-driven order screen. Enter 0 or 1 or skip this entry 0 or skip this entry = user is prompted to enter workload method time verify order 1 = user is prompted to enter workload method at time order loads not at verify This rule is applied at the time the user presses the verify button in the client driven order screen. If this field is set to 1, then trigger point is at time order loads not at verify.

FO_Tests Table		
Field	**Type**	**Notes**

FO_Users

[update to this table: 04-06-2016]

[last update to this table: 04-16-2016]

Each record in this table represents a single user. The core component of these entries is the user name and the value must be a unique entry in this table. The user name may be the user's network id or an arbitrary name assigned by the administrator. The system is able to automatically check for the network user name that is logged in to the windows session and default it in the user login screen.

FO_Users Table		
Field	**Type**	**Notes**
UserName	varchar (50)	Enter a unique name for this user. May be the network user name or ID for that user. A person may have more than one user name, each with a different set of permissions or locations for example.
UserPassword	varchar (50)	Enter a password for first-time log in. If the password is not encrypted, the user will be required to enter a new password which will then be encrypted by the system. Not used if the auto-login feature is utilized.

FO_Users Table		
Field	**Type**	**Notes**
FacilityID	varchar (50)	Default facility ID. Enter a valid facility ID. May be the same as HID.
FullName	varchar (80)	Enter user's full name using a convention assigned by the administrator. IE: John Doe
EntryGroupCode	varchar (50)	A code assigned by the administrator. Enter a group code, preferably only 3-5 characters. Skip this entry if the system will only contain lab users who have access to all patients. Used to group users together so the system can assign properties to them. Primarily used to assign users to patients and only allow them to access those patients for data entry when the user does not have the seeallptordsresults permission. Used to create the unique FOID patient ID. Do not move this code from one user group to another, create a new code instead.

FO_Users Table		
Field	**Type**	**Notes**
InquiryGroupCode	varchar (50)	A code assigned by the administrator. Enter a group code. This code is the same as the entry group code except it is used for result inquiry.

FO_Users Table		
Field	**Type**	**Notes**
DeviceLocation	varchar (50)	Defines the device locations to which this user has access. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid device location code - user location code pairs. Each pair is represented by Value 1 then a dash then Value 2 where Value 1 = valid device location code Value 2 = valid user location code IE: D1-ULOC1|D2-ULOC2| The device location field is critical to associate the user with a particular label printer. The user location value is critical to associate the user to a particular physical location such as a collection facility. Both values are used to help categorize properties and are assigned to each order to allow for statistical reporting. These device locations are displayed at logon for the user to select from. If there is only one device location, the system will automatically use it. (Are just device codes, without user location,

FO_Users Table		
Field	**Type**	**Notes**
		also allowed? as |dvc1|dvc2| ?)
UserLocation	varchar (50)	Default user location code. Enter a valid user location code, the geo-graphical location for the user. This code is used to group packing list con-tents together.
MedicareRegion	varchar (80)	Default Medicare region number. Enter a valid Medicare region number. Medicare region is used as an identifying value during LMRP rules processing. Used to determine which diagnosis/CPT pair applies to a test when performing LMRP cal-culations. Used to match the user to the appropriate information in the `FO_CPTREVIEW` table.
BillToGroup	varchar (80)	Populates the list of Bill To options available on the order screen Bill To field. Enter a list of concatenated single characters from the allowed values. Each character represents a Bill To option. IE: IRCWOABMSFZ See table of Bill To options below this table.

FO_Users Table		
Field	**Type**	**Notes**
DefaultSearchType	varchar (50)	Default search option in toolbar Search By drop-down list for this user. Enter AUTO or an allowed search option. Allowed options: AUTO NAME SSN PHONE DOB ACCESSION REQ.ID. Lab MR# RECENT PTS Your ID LAB ACCESSION INTEGRATED -- See Integrated Search Module for more information and instructions. (is there a default value, perhaps AUTO, if this entry is skipped?)
CreateDate	datetime	Date record was created. Informational

FO_Users Table		
Field	**Type**	**Notes**
CreateBy	varchar (50)	Name of user who created the record. Informational
EditBy	datetime	Name of user who last edited the record. Informational
EditDate	datetime	Datetime the record was last edited. Informational (does the user enter this or the system timestamp?)
DeactivateDate	datetime	Datetime the record was deactivated. Informational If this field contains a date that is before the current date, the user is deactivated and cannot login to the application. If the user is deactivated, a message will be displayed. This field is used to prevent the user from logging in to the application without removal of the user's name, without removal of the user's data record.
MiscTestCode	varchar (50)	Default wild card test code. Enter a valid wild card test code. MISCREF is typically used. Used when the **FreeText Code** button on the order screen is clicked.

FO_Users Table		
Field	**Type**	**Notes**
MiscICDCode	varchar (50)	Default prefix for ICD codes. Enter a valid prefix. #MICD is typically used. Prefixes ICD codes so they are recognized as miscellaneous or freetext entries.
PermGroup	varchar (20)	Permission group code. Required field. Enter a valid permission group code. Associates this user with a list of permissions defined in the `FO_PermGroups` table.
Email	varchar (50)	Email address for user. Informational

FO_Users Table		
Field	**Type**	**Notes**
ICDEntryGroup	varchar (50)	Populates the list of Bill To options that trigger when to prompt for diagnosis codes at the time of an order. Enter a list of concatenated single characters from the allowed values. Each character represents a Bill To option. IE: IRCWOABMSFZ Allowed values: I = Insurance C = Client R = Patient/Guarantor M = Cash S = Skilled Nursing Z = Not Specified B = Insurance not skilled A = Medicare A W = Worker's comp O = Your office (used for client users same as client) N = No charge F = Auto Accident

FO_Users Table		
Field	**Type**	**Notes**
PrintBarCodes	int	Informational, usually blank.
Local_Install	int	Bit flag to indicate if FASTsystem installation is on a local user's computer. Enter 0 Do NOT change without Rhodesapproval. 0 = remote install 1 = local install Used when the FAST system installation is on a local user's computer instead of a terminal server and that install can potentially com-municate items downstream. Local install indicates that FAST is on a local PC with a local database and is not shared with other users.

FO_Users Table		
Field	**Type**	**Notes**
LoginLevel	int	Determines if user is allowed to automatically log in. If user may log in to more than one device location, do NOT use 2. Enter an allowed value. Allowed values: 0 = prompt user for full login credentials 1 = default credentials based on OS user name but wait for the user to pick a device location before logging in 2 = auto log in user with default device/user location The system can discover the user name that has been used to log in to the Windows session. The user name is compared to the `FO_Users` table and if a matching entry is found, then the system will check the value of this field to see if the user should be automatically logged in.

FO_Users Table		
Field	**Type**	**Notes**
Def_PtLocCode	varchar (20)	User-level Patient Location Default. Enter a valid LIS location code defined in the `FO_PTLocations` table. Used as the patient location field on the order screen if no client-level maps have been defined.
DefaultBillTo	varchar (1)	Default value for Bill To when a new order is created on the order screen. Enter a valid billto code, a single character. Typical value = * Enter '*' to default to I or R. Default will be I, or Insurance, if the patient has insurances defined. Default will be R, or Patient, if no insurances are defined for the patient. See the Bill To codes table below this table.
Def_ProvCode	varchar (50)	Default provider/physician code used on the Report/Requisitions Options screen when the `FO_Reports.PhysCodeDefault` field is set to 'USER'. Enter a valid provider code.

FO_Users Table		
Field	**Type**	**Notes**
LISTechCode	varchar (50)	Default LIS tech code. Enter a valid LIS tech code. Can be sent to LIS through interfaces.
Def_ClientCode	varchar (50)	Default client code used on the Report/Requisitions Options screen when the `FO_Reports.PhysCodeDefault` field is set to 'USER'. Enter a valid client code.
WorkloadCodes	varchar (80)	Defines the list of possible workload codes for this user. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid workload codes separated by pipes. IE: |VP|VPM|VPO|
Def_ReqName	varchar (50)	System report name used to print a requisition when the **Req** button is clicked on the order screen. Use Rhodes recommended value. Typical value: FO_ReqLabel_BC_NOLABELS
hostOSUser	varchar (50)	Not Used

FO_Users Table		
Field	**Type**	**Notes**
hostOSpass	varchar (50)	Not Used
hostIPaddress	varchar (50)	Not Used
hostAppUser	varchar (50)	Not Used
hostAppPass	varchar (50)	Not Used
hostFunction	varchar (50)	Not Used
hostPromptDelay	int	Not Used
hostConnectDelay	int	Not Used
hostFontName	varchar (50)	Not Used
hostFontSize	decimal (18, 2)	Not Used
hostCapture	varchar (1)	Not Used

FO_Users Table		
Field	**Type**	**Notes**
ProvClientSearch	varchar (50)	Default search type. Enter one of the allowed values: PROVIDER CLIENT LOCATION Do NOT change without Rhodes approval.
Users_ID	int	ID field, a counter. Unique
Result_Sys_User	varchar (80)	Default user name for a web-based result system to which the user may branch. Use Rhodes recommended value. Skip this entry to leave blank.
Result_Sys_Password	varchar (80)	Default user password for a web-based result system to which the user may branch. Use Rhodes recommended value. Skip this entry to leave blank.

FO_Users Table		
Field	**Type**	**Notes**
FacilityIDCodes	varchar (1000)	Represents the facility IDs to which the system has access. Multidimensional pipe delimited value, with leading and trailing pipes. Enter a single facility ID unless the system will contain multiple versions of the patient, one for each facility ID. For multiple facilities, enter valid facility IDs separated by pipes. The system will evaluate a patient's facility ID assignment and will not allow access to that patient if its facility ID does not match a facility ID in the list. IE: |1|2|3|
LastPasswordDate	datetime	Datetime when the user is prompted and required to change their password. Timestamped with the next datetime when the user changes their password. It can be also manually entered to force a password change.

FO_Users Table		
Field	**Type**	**Notes**
Qualifier	varchar (50)	Default MPI Qualifier code. Enter a valid MPI Qualifer code. Skip this entry if user is allowed access to patients cross-referenced to multiple MPI qualifier codes.

FO_Users Table		
Field	**Type**	**Notes**
QualifierType	varchar (50)	Determines how to apply a MPI qualifier during the order process to the foreign medical record number (Client Pt ID) if the user does not provide an MPI qualifier code. Enter a valid allowed value. Typical value: CLIENTMPI Allowed values: CLIENTID = system will use the client ID in the order as an MPI qualifier code. CLIENTMPI = system will use the MPI Qualifier assigned to the client ID for the order, defined in the `FO_Clients table.` LOCATION = system will use the location code as an MPI qualifier. Do not use if location codes have a semicolon character. PHYSCODE = system will use the provider/physician code as an MPI Qualifier. Do not use if provider codes have a semicolon character. ENTRYGROUPCODE = system will use the user's entrygroupcode as an MPI qualifier.
UserMessage	varchar (350)	Used to display a message to the user on the login screen.

FO_Users Table		
Field	**Type**	**Notes**
AccountLogic update this field's Notes values per the information in the table in the Order Account Default Logic Rules information.	varchar (50)	Defines the rules used to assign an account number on the order screen. Enter an allowed value. Use Rhodes recommended value. UNIQUEACCT is the recommended setting if a client ID will always be used. UNIQUEACCTPROV is the recommended setting if a client ID will not always be used. Allowed values: REQID = defaults the requisition ID as the account number UNIQUEACCT = defaults a unique account number for an order based on the values of patient ID, physician, collection date, order billto and client ID UNIQUEACCTPROV = defaults a unique account number for an order based on the values of patient ID, physician, collection date and order billto MRNPHYSDATE = default the account number to be valued by the values of MRN, physician ID and collection date, ie the MRN + Ordering Phys Code + Date DATE = defaults the account number to

FO_Users Table		
Field	**Type**	**Notes**
		today’s date CLIENT = if this is contained in the keyword then the system will check the FO_Clients (number) field to see if it contains an account number or the word 'ASK'. If 'ASK' is found then the system will prompt the user for an account number. CLIENTMRNPHYSDATE = same as CLIENT PROVIDER = if this is contained in the keyword then the system will check the FO_ Providers (number) field to see if it contains an account number or the word 'ASK'. If 'ASK' is found then the system will prompt the user for an account number. UNIQUEACCT = system will create a unique account number for the order CVN = system will use the CV# value for the account number if it exists UNIQUEACCTPROV = system will create a unique account number for the combination of FOID, collection date and provider. UNIQUEACCTPROVBILLTO = system will create a unique account number for the combination of FOID, collection date, provider and billto

FO_Users Table		
Field	**Type**	**Notes**
		UNIQUEACCTCLIENTBILLTO = system will create a unique account number for the combination of patient, client, billto and collection date UNIQUEACCTCLIENT = system will create a unique account number for the combination of patient, client and collection date UNIQUEACCTCLIENTPROVBILLTO = system will create a unique account number for the combination of patient, client, provider, billto and collection date NONE = no account number will be generated
ScreenTimeout	int	Number of minutes for a screen to time out and exit. Enter an integer for the number of minutes. Recommended value: 10
LoginTimeout	int	Number of minutes for the system to time out and end the application after the last screen is timed out. Enter an integer for the number of minutes. Recommended value: 15

FO_Users Table		
Field	**Type**	**Notes**
ABNcopies	int	Number of copies of ABN form to print. Enter an integer: 1, 2, 3, 4, or 5 Defaults to 1
Ins_User_Assignement	varchar (50)	Code that determines which insurance codes to which the user has access. Enter a valid group code. This code is linked to the value of `FO_ INS.INS_USER_ASSIGNEMENT` and allows the user access to only the insurance codes associated with the same user group code. For example, this field may be defined as 'FRONT'. The system displays only the insurance codes that have been associated with this user group code or have a no assignment code.
MessageGroups	varchar (500)	Defines a list of message groupscodes to which the user belongs and for which the user may send patient messages. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid message group codes separated by pipes. IE: |ALL|CPA|PSC1|BILL|

FO_Users Table		
Field	**Type**	**Notes**
DefaultTextDiagnosis	varchar (255)	Populates the test diagnosis drop-down on the order screen. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid test diagnoses separated by pipes. IE: |Not Given|Missing|Called Dr|Not Clear|
DESearchDefault	varchar (50)	Default search by value on the Blind Duplicate Entry screen. Enter an allowed value. Skip this entry for no default. Allowed values: Lab Accession FO Accession Requisition ID Container ID
LabelExpirationSeconds	int	Number of seconds system will wait for the LIS to return a lab accession value before qualifying a label to print. Enter an integer for the number of seconds. Enter 1 if FAST will be assigning the accession.

FO_Users Table		
Field	**Type**	**Notes**
BatchLocations	varchar (500)	Defines the list of batch locations to which the user has access. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid batch location codes separated by pipes. IE: |PSC1|PSC2|
CopyOrderFields	varchar (50)	Turns on/off a particular field defined in the copy order logic from qualifying to be copied. Enter 1 or 0 for on or off. Use all 1 values to turn all fields on. Enter the default (requires 18 characters): '111111111111111111' See table of copy order field options below this table.
TestPriorityForASAP	varchar (50)	Priority code for ASAP priority. Enter a valid priority code. IE: ASAP
TestPriorityForStat	varchar (50)	Priority code for STAT priority. Enter a valid priority code. IE: STAT

FO_Users Table		
Field	**Type**	**Notes**
UserLocPerfLab	varchar (500)	Used to drive a rule that causes a test to be auto received at time of order. A multidimensional pipe delimited field, with leading and trailing pipes. Enter pairs of user location code - performing lab code values separated by pipes. This field is used to map the user's list of possible user locations to a performing lab. The rule maps each user location code to a default performing lab code. The system then compares this value to a tests performing lab during order entry. If the values match, then the system will auto-receive that order by assigning a receipt date and time. Skip this entry if automatic receipt is not required for this user. IE: |PSC1-DEFAULT|PSC2-CORELAB1|PSC3-CORELAB2|

FO_Users Table		
Field	**Type**	**Notes**
BillReQueueLogic	varchar (50)	Used in the re-queue logic for sending demographic data to the FIN system. It populates the correct trigger data, Search By field, for the re-queue interface, the `BillingRequeue` table. (what is the actual table name??) Enter an allowed value. Allowed values: LISORDX ACCESSION LABACC
ReqHeaderMsg	varchar (70)	Text message to print in the requisition header.
ReceiptFooterMsg	varchar (100)	Text message to print in the requisition footer.
Manager	varchar (50)	Manager assigned to this user. Enter a valid code for the manager. Written to each order the user creates to use in statistical queries.

FO_Users Table		
Field	**Type**	**Notes**
CollectionLocations	varchar (255)	Used to validate the collection location code entered on the order screen by this user. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid collection location codes separated by pipes. IE: |LOC1|LOC2|LOC3|
AssignedToClientCodes	varchar (255)	Defines the list of client IDs the user may use during order entry. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid client IDs separated by pipes. It causes the system to bypass provider to client mapping and only display the client IDs in this list. IE: CLIENT1|CLIENT2|CLIENT3
ArchiveRackIDs	varchar (255)	Populates the drop-down list of rack IDs the user may use during order entry. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid rack IDs separated by pipes.

FO_Users Table		
Field	**Type**	**Notes**
SO_Default_Days	int (4)	Number of days to show a standing order on the Requisition History screen. Enter an integer for the number of days.
DevLocScanFilePaths	varchar (500)	Future Use
ImageCategories	varchar (500)	Defines category and location of scanned data storage. A multidimensional pipe delimited field, with leading and trailing pipes. Enter pairs of valid category code = file path values separated by pipes. Format as: |categoryCode = FilePath| categoryCode = FilePath| IE: |REQ=C:\\|INS_Card=C:\\|ABN=C:\\|
ImagingSystemURL	varchar (80)	URL for imaging system. Enter valid URL. If present, FAST will turn on button within application to provide easy navigation for scanning. (is this the default path for where images will be stored when scanned, what button is turned on?)

FO_Users Table		
Field	**Type**	**Notes**
Main_Pt_Srch_List	varchar (255)	Populates the drop-down list of search options for this user when performing search in FAST. Multidimensional pipe delimited value, with leading and trailing pipes. Enter allowed values separated by pipes. Allowed values: AUTO NAME SSN PHONE DOB ACCESSION REQ.ID. Lab MR# RECENT PTS Your ID LAB ACCESSION INTEGRATED

FO_Users Table		
Field	**Type**	**Notes**
AdvancedSearchDefaultChecks	varchar (500)	Defines fields that default to checked on the advanced search screen. Allowed values include: (where C=client identifier and L=Lab identifier) C_MRN C_ACC CACCT (is this correct with no underscore?) C_ORD C_REQID L_ACC L_MRN L_REQID L_NAME L_PTLOC L_CLIENT L_DOB L_LABACC L_PROV L_SSN L_TEL

FO_Users Table		
Field	**Type**	**Notes**
		L_USERLOC
CollectionHUBCodes	varchar (max)	Defines HUBs to which this user has access. User will only have access to HUBs defined here. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid collection HUB codes separated by pipes. Valid collection HUB codes are defined in the `FO_Hub_Definitions` table.
ClientPtAccessGroupCodes	varchar (MAX)	Defines client patient access group codes to which this user has access. This limits the list of patients presented to this user when searching by RECENT PTS option. Multidimensional pipe delimited value, with leading and trailing pipes. Enter valid client patient access group codes separated by pipes. The user can only access patients with a matching ClientPTAccessGroupCode values. `RecentPatientSearchType` must be set to PTACCESSGROUP for this field to be referenced.

FO_Users Table		
Field	**Type**	**Notes**
RecentPatientSearchType	varchar (50)	Search type used when using recent patients search option. Enter an allowed value. Allowed values: USERLOCATION ENTRYGROUPCODE PTACCESSGROUP MPI See Recent Patients Search Configuration Rule for more information.
RecentPatientSearchDays	varchar (50)	Used with recent patients search option to define what is recent activity. Enter an integer for the number of days from the patient's edit date.
CommonTestListCode	varchar (50)	Default common test list for this user to view. Enter a code for the common test list. Based on permission, user can add and delete from test list. (where is the common test list code, are there allowed values?)

FO_Users Table		
Field	**Type**	**Notes**
WorkFlowMethods	varchar (255)	Populates the drop-down list of workflow methods available to this user on the Integrated Search Screen. Multidimensional pipe delimited value, with leading and trailing pipes. Enter allowed values separated by pipes. Allowed values: PATIENT PRESENTS SPECIMEN PRESENTS INDUSTRIAL TOX This takes priority over the system-level value in `FO_LabInfo`.
DefaultWorkFlowMethod	varchar (50)s	Default workflow method for this user. Enter a valid workflow method. This takes priority over the system-level default value and the UserLocation DefaultWorkflow value. (and where is the UserLocation DefaultWorkflow defined?)

Bill To Options

The following table lists the Bill To options available. Use one or more of the letter codes in the `FO_Users.BillToGroup` field.

Letter Code	Long Code Appearing In Drop Down	Billing System Charge To
I	Insurance	According to rules
R	Patient/Guarantor	P
C	Client	C
W	Worker's Comp	Customized
O	Your Office (same as client)	C
M	Cash Payment	CASH
N	No Charge	NS
B	Insurance Not Skilled	According to rules
A	Medicare A Skilled	According to rules
S	Skilled Nursing (Nursing Home)	According to rules
F	Auto Accident	Customized
Z	Not Specified	NS
*	Patient or Insurance	Looks at demographics to decide.

Not in the FO_Users.BillToGroup field definition, need to add it.

Copy Order Fields

The copy order field options below, set in the `FO_Users.CopyOrderFields` field, are used for the Copy Order Rule on page 7.

An acceptable value for the `FO_Users.CopyOrderFields` field is created by a string of 1s and 0s, each 1 or 0 turning on or off an option listed below. The string should contain a number for each option below, a string of 18 characters.

Copy Order Field -- Allowed Values	
Position	**Description**
1	BILL TO field
2	Account Number
3	Client Visit Number
4	Ordering Physician Code and Name
5	Client Code and Name
6	Copy To 1-4 Code and Name
7	Copy To Client
8	Location Code and Name
9	Order Test Codes
10	Diagnosis Codes By Test
11	Test Collection Date and Time
12	Order Level Collection Date and Time
13	Order Episode ID
14	Order Referral Information
15	Order Injury Related Data
16	Order LMP related Data
17	Test Level Questions and Answers
18	Requisition ID at Order level

For example, to turn on options 1, 2, 3, 6, 10, 11, 12, 13, 17 and 18, enter the `FO_Users.CopyOrderFields` value as 111001000111100011.

Orders - FAST Application

Testo intro page for the Orders-FAST app.

Use list of H1 headings for topics, or if not appropriate use this mini-tox proxy

General Application Parameter Definitions

This section lists the tables and fields which contain general application parameter definitions.

These parameters are usually defined when the application is installed and only updated for specific functionality or lab expansion.

Note: NOTE: You should NOT change these parameters unless instructed to by Rhodes Group

Tables containing general application parameter definitions are:

- FO_Priority
- FO_Perf_Lab
- FO_Perf_Lab_Test_Group_Definition
- FO_Reports
- FO_External_Form_Definitions

Workflow Methods

Three workflow options are available to determine where the User enters into the FAST process. User is defaulted to a workflow based on FO_Users.DefaultWorkflowMethod. If none exists, then the FO_UserLocations table setting for DefaultWorkFlowMethod and User's login location will determine the starting workflow. The workflow method from FO_LabIfo.DefaultWorkFlowMethod is the third option if no value has been defined in the first two places. Lastly, the "Patient Presents" workflow will be default if all previously options are null.

A User can use the drop down to change workflow method. This is controlled by FO_Users table or FO_LabInfo setting if User's field is null.

Patient Presents WorkFlow

Once a User performs an order search and selects the correct row, the User can either branch patient screen or the orders screen. In the 'Patient Presents' workflow, the BRANCH TO ORDER SCREEN button can be invisible based on the permission 'isnobrnchordptwf'. Regardless of branch path selected, the User is taken to the patient demographic screen for review. Upon exit, the User will go to the specific order if the BRANCH TO ORDER SCREEN was selected or to Requisition History screen if BRANCH TO PATIENT SCREEN was selected.

Alternatively, the User could choose to review patient demographics on this screen by selecting the SHOW PATIENT INFO button. The patient information will display in the 74 FAST Platform Software Manual

lower grid for order selected. In this process, the User would utilize the buttons to right of the patient data to complete workflow process.

Specimen Presents WorkFlow

The ‘Specimen Presents’ workflow will bypass the patient demographic screen and requisition history screen, taking the User directly to the specific order related to the row selected when BRANCH TO ORDER SCREEN is selected. This is a streamlined flow available when processing should only address the specific order.

However, if the User chooses, they can still go to the patient demographic screen via BRANCH TO PATIENT SCREEN and then follow normal process thru requisition history screen and then the order screen.

Industrial Tox WorkFlow

The Industrial Tox workflow does not alter ability to look up a patient/specimen but does impact the order screen. The container List is not mandatory. Also, this workflow will default a Provider Code or ICD Code for all accession if defined in the FO_LabInfo table.

Fast Platform Modules

The Fast Platform Suite is composed of several code modules. Each module contains a distinct set of functions to accomplish specific tasks.

Platform Module

The Platform module is the underlying container of logic required for all the other modules to operate. It contains the Security and Rules Engine components and the Platform Tool Bar functionality.

Registration Module

This module is created to accomplish patient registration tasks. It contains functions to search, create and their demographics. It also allows linking of patient demographics to the other modules and seamlessly integrates itself to the Platform. Finally, it provides order summary functions for billing staff.

Fast Orders Module

This module contains all the detailed order functionality. It links to the Fast Registration and Fast Episodes Module and also links to Interfaces Components.

Fast Episodes Module

This module is utilized to review and create patient episodes. Episodes may be created from the Fast Reg or Fast Orders Modules.

User History Module

The User history module allows for customized searching and display of User related events. The User events are time stamped events that the application records as a User navigates through the Platform. The table FO_UserHistory_Event_Definition provides a list of events that can be written and describes what action triggers the event to be recorded.

Interfaces Module

The Platform supports a variety of interfaces that link the Platform databases to external systems.

Standing Orders Module

The standing orders module allows for the creation and display of standing orders and future orders. This module integrates itself to the Fast Reg and Fast Orders modules.

Specimen Receipt Module

This module allows for quick specimen receipt and transmittal of receipt related information through interfaces.

Specimen Archive Module

This module is used to record and display specimen archive and storage related information.

Patient Messages Module

This module is used to create and display patient specific messages at different application execution points.

Patient Merge Module

This module allows the User to merge patient information.

Insurance History Module

This module allows the User to interact with the historical listing of insurance changes for a particular patient.

File Maintenance Module

This module allows link to CSTools Maintenance for Client, Provider and Specimen List Management definitions.

Fusion Application

Intro for the Fusion manual section

Use list of H1 headings for topics, or if not appropriate use this mini-tox proxy

Address Related Definitions

This section outlines the definitions required to use the address related fields of zip code and state.

Tables containing address related definitions are:

- FO_Zips
- FO_State

Provider Definitions

This section describes provider related definitions. A provider code relates to a human being who may order lab tests or may receive lab test related reports.

The FO_Providers table contains all of the provider related definitions.

Appendix

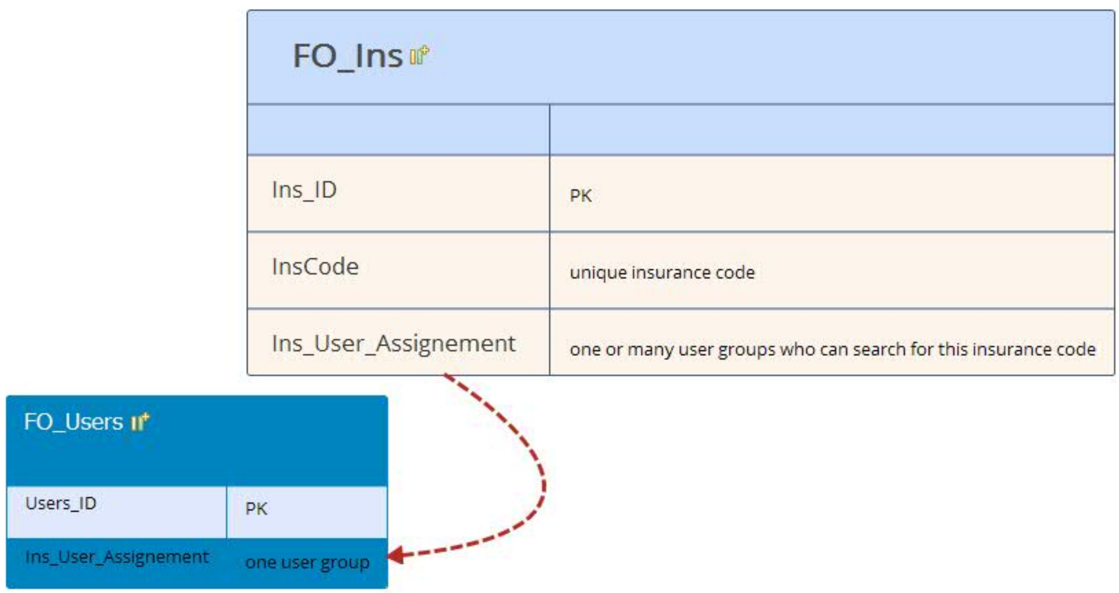
The following pages are appendix items.

APPENDIX - Insurance Grouping by User

Relationship between the insurance group and user group for insurance grouping by user.

Every user whose user group defined in the FO_Users.Ins_User_Assignement field matches one of the user groups defined in the FO_Ins.Ins_User_Assignement field may see the insurance code(s) assigned to their user group.

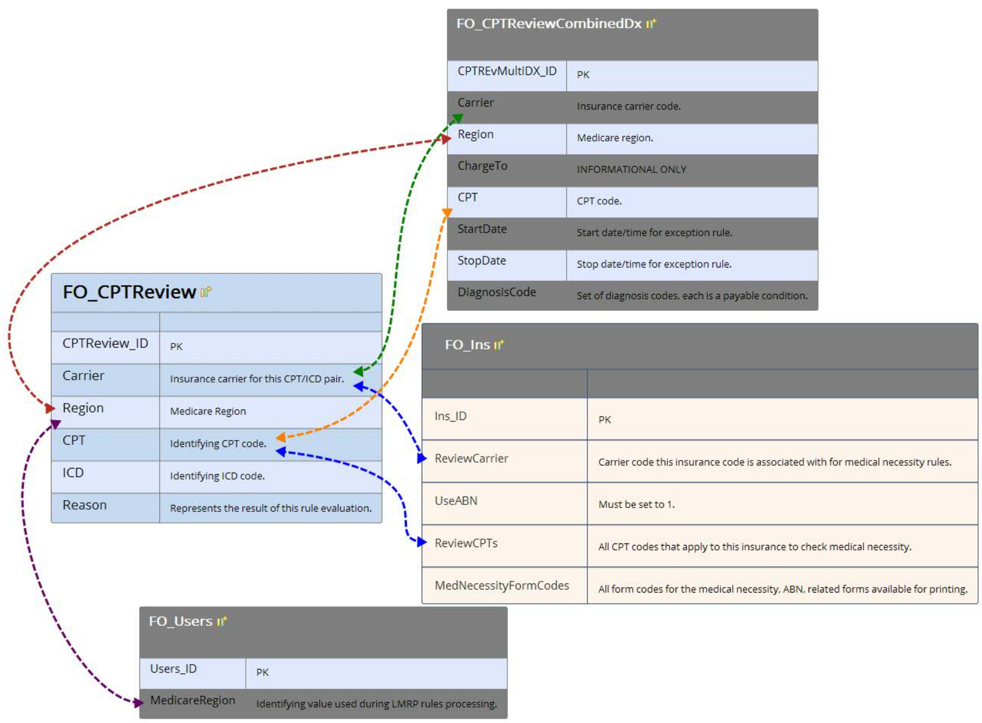
Here are the two tables and their relationship.



APPENDIX - Medical Necessity, LMRP and ABN Tables Relationship

For the medical necessity, LMRP and ABN rule set.

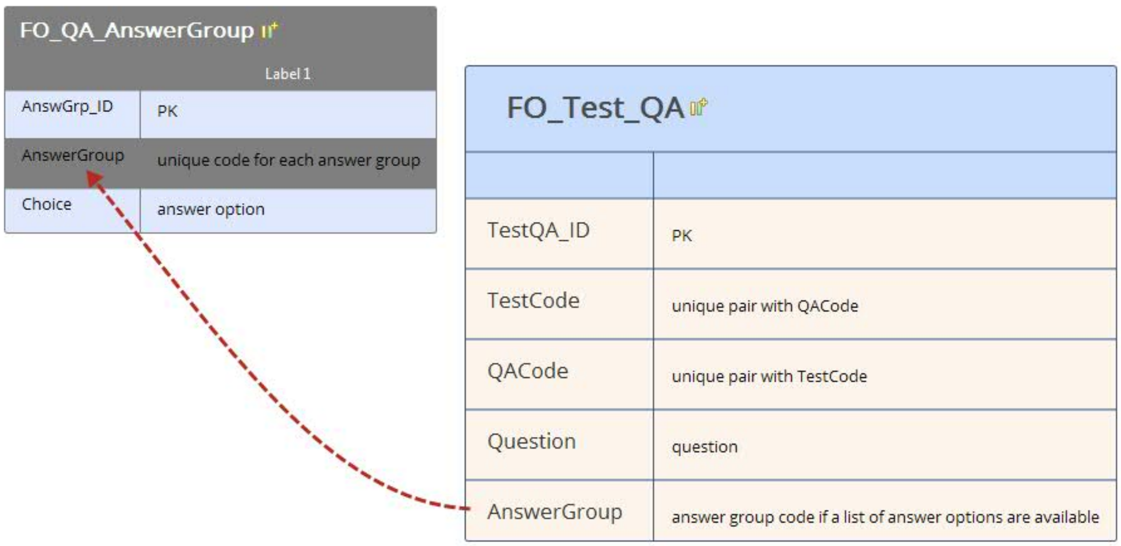
Here are the tables and their relationships.



APPENDIX - QA Tables Relationship

RESOE process - some tests need questions and answers

Here are the two tables and their relationship.



Glossary

A

AccessionDefault [FO_Reports]

Default accession.
Enter a valid FAST Accession or an allowed value.
Skip this entry to default to no value.
Allowed values:
ACCESSION = default to current accession in memory

AccessionFormat [FO_LabInfo]

Drives the routines that create unique FAST accessions and container IDs.
Use Rhodes recommended value.
Allowed Values:
ENTRYGROUPCODE = use entry group code to derive format.
7SEQ = create a 7 character unique number
8SEQ = create a 8 character unique number
9SEQ = create a 9 character unique number
10SEQ = create a 10 character unique number
11SEQ = create a 11 character unique number
12SEQ = create a 12 character unique number

Active [FO_Clients]

Determines if client code is active and if it should be excluded from searches.
Enter 0 or 1
1 = client entry is active, include in searches
0 = client entry is not active, exclude from searches

Active [FO_Common_Tests]

Bit flag to determine if this test code is active for the list.
Enter 0 or 1
0 = inactive
1 = active

Add1 [FO_Clients]

First address line.

Add2 [FO_Clients]

Second address line.

addtestanyccode

Check for valid container code for the test being added to a container manually on the container management screen.
If not valid, addition of test will not be allowed.
[Container_Management_Module]

ADT_Interface [FO_LabInfo]

Default value for the Outbound ADT system interface.
Use Rhodes recommended value.

AllowTestOrder [FO_Ins_Tests]

Determines if test can be ordered for this insurance.
Enter 0 or 1
0 = do not allow test order
1 = allow test order

AllTestsPayable [FO_Ins_Tests]

Determines if all tests are payable.
Enter 0 or 1
0 = no
1 = yes, all tests are payable
Overrides the Payable_Test and NotPayable_Test list fields if set to 1.

AnswerGroup [FO_QA_AnswerGroup]

Enter a unique answer group code.

AnswGrp_ID [FO_QA_AnswerGroup]

ID field, a counter. Unique

assignlabacc

Create a LabAcc LIS accession number according to maintenance rules when a Container ID is added to the test in the FO_Accessions table.
[Container_Management_Module]

AutoCCccCode [FO_LabInfo]

Default test code for copy to physician when the rule is activated to order a test battery to hold the values of ordering and copy to codes.
The system will automatically enter the copy to codes for the order if the answer test code matches this value.
Enter a valid test code.

AutoCCORDCode [FO_LabInfo]

Default test code for the ordering physician when the rule is activated to order a test battery to hold the values of ordering and copy to codes.
The system will automatically enter the physician code for the order if the answer

test code matches this value.
Enter a valid test code.
Used to send the ordering / copy to physician values to a client as a test code in a lab report.

autogencontlabel

Automatically generate containers and print container labels when user clicks the Exit button on the order screen.
[Container_Management_Module]

AutoOrderCodeWhenCCDoc [FO_LabInfo]

Used to order tests automatically when copy to physician is used on the order screen.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter valid order test codes separated by pipes.

AutoOrderTests [FO_Clients]

Defines the list of tests to automatically order.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter valid order codes separated by pipes.
These tests will automatically be ordered when the first order is placed on the order screen.

AutoVerify [FO_Ins]

Indicates to the system that when this insurance is picked as primary on the patient demographic screen, the system may auto verify the patient.
Enter 0, 1, or skip this entry
0 or skip this entry = do not auto verify patient
1 = auto verify patient
User must have permission autoverbyins1 for system to auto verify.

B

Barcode_Security [FO_LabInfo]

Enter the real number 1.00
Do NOT change without Rhodes approval.

Barcode_Xunit [FO_LabInfo]

Enter the real number 150.00
Do NOT change without Rhodes approval.

Barcode_Yunit [FO_LabInfo]

Enter the real number 5.00
Do NOT change without Rhodes approval.

BatchListRPTExternalFormCode [FO_LabInfo]

The form code from FO_External_Form_Definition.
ExternalFormCode that can be used to show a user-customized SSRS-based Batch List form.
Leave blank to use the default report.

BillFeeSchedule [FO_Clients]

Default fee schedule code for this client when this is the ordering client.
Enter a valid fee schedule code.

BillFeeSchedule [FO_Ins]

Default fee schedule code for this insurance when designated as the primary insurance.
Enter a valid fee schedule code.

BillingOption [FO_Clients]

Default billing option code for the default client fee schedule code when this is the ordering client
Enter a valid billing option code.

BillingOption [FO_Ins]

Default billing option code for the default fee schedule code for this insurance when designated as the primary insurance.
Enter a valid billing option code.

BillPatient [FO_Ins]

Bit flag to determine if the system assumes that a patient may be billed.
Enter 0 or 1
0 = do not intend to bill patient
1 = bill patient
If the patient should be billed, a transaction should be sent to the FIN system.

BlankPtLocation [FO_ClientUserLoc]

Determines if the user patient location field is cleared meaning that the patient location code must be entered.
Enter Y or skip this entry.
Y = clear the user patient location field
Skip this entry or leave blank = do not clear the field

blockeditcont

Do not allow edit of container code and type fields on the order screen in the test list grid.
[Container_Management_Module]

blockeditcontcm

Do not allow edit of container code and type fields on the container management screen.
[Container_Management_Module]

BlockMRLength [FO_LabInfo]

Mask for MRN entry value.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter integers separated by pipes.
Each number represents an MRN entry length that is NOT supported by the system.
IE: |1|2|3|4|5|6|7|9|10|11|12|13|14|
In this example, the MRN entry must be either 8 characters long or longer than 14 characters.

C

Callback_Callcode [FO_LabInfo]

Value of “Call” for callback systems.
Used when the Call button on the order screen phone definitions is clicked.

Callback_Faxcode [FO_LabInfo]

Value of “Fax” for callback systems.
Used when the Fax button on the order screen phone definitions is clicked.

CallToOrderCode [FO_LabInfo]

Used in the mini window for call/fax to automatically order a test code when the Call button is clicked on the order screen.
Enter a valid orderable test code.

CashFeeSchedule [FO_LabInfo]

Default fee schedule code applied to FAST accessions labeled as 'Bill to Cash'.
Enter a valid fee schedule code.

CashFeeScheduleOption [FO_LabInfo]

Default fee schedule option applied to FAST accessions labeled as 'Bill to Cash'.
Enter a valid fee schedule option code.

CDC_In_Interfaces [FO_Clients]

Interface code for Client Data Concentrator inbound interface.
Enter a valid interface code.
Code is used by FAST to write to the trigger table. Must match what is expected for interface to function.

CDC_In_Interfaces [FO_LabInfo]

Interface code for Client Data Concentrator inbound interface.
Code is written to the interface code field when a trigger row is written by FAST. It must match what is expected for interface to function.

CDC_OUT_Cancel_Order_Control [FO_LabInfo]

Cancellation order control to be used in FO_IF_Trigger_CDCOutbound.
OrderControl when FAST writes a cancellation trigger.
Enter OC or CA
Code is written to the trigger table when a trigger row is written by FAST.

CDC_Out_Interfaces [FO_Clients]

Interface code for Client Data Concentrator outbound interface.
Enter a valid interface code.

Code is used by FAST to write to the trigger table. Must match what is expected for interface to function.

CDC_Out_Interfaces [FO_LabInfo]

Interface code for Client Data Concentrator outbound interface.
Code is written to the interface code field when a trigger row is written by FAST. It must match what is expected for interface to function.

CDCOrderEvalHours [FO_LabInfo]

Represents a number of hours.
Enter an integer for the number of hours.
Default is 0.
Used to validate the collection date/time on the order screen when a previously created order is opened.
If the order collection date/time is older than this value, the collection date/time field is cleared to allow the user to enter a new one.

Choice [FO_QA_AnswerGroup]

Populates the drop-down list for the answer group.
Typical format is EnglishtextCode^Description where the English text code is a valid value for the LIS.
Acceptable to enter just a code or just a description. In the latter case, no carat character is needed.
The actual data sent to LIS will be dependent on format entered here and FO_Test_QA.Send2Components setting and/or interface option settings
Allowed formats:
Code^Description
Code
Description
^Description
Care should be exercised for the last format. If Send2Components is FALSE, the system will think it should send a code and no code is defined.

CID_Prefix [FO_LabInfo]

Prefix characters for ContainerID.
Enter the character string to use as the prefix for ContainerIDs.

City [FO_Clients]

City

Client_ID [FO_Clients]

ID field, a counter. Unique

ClientCode [FO_CDC_Outbound_Filter]

Enter a valid client code or an asterisk (*) for all clients.

ClientCode [FO_Client_Locs]

Enter a valid client code.

ClientCode [FO_Client_Provs]

Enter a unique client code.

ClientCode [FO_Client_PtAccess_Groups]

Enter a valid client code.

ClientIdDefault [FO_Reports]

Default client ID.
Enter a valid client ID or an allowed value.
Skip this entry to default to no value.
Allowed values:
CURRENT = default to current client ID in memory

ClientLocs_ID [FO_Client_Locs]

ID field, a counter. Unique

ClientOrdTests_ID [FO_Common_Tests]

ID field, a counter. Unique

ClientPopup [FO_Clients]

Message displayed on screen to client users when this client is selected on the order screen.
Enter message to display.

ClientPopup [FO_Ins]

Text message that is presented to a client user when this insurance code is selected on the patient demographic screen.

ClientProviders_ID [FO_Client_Provs]

ID field, a counter. Unique

ClientPtAccessGroupCode [FO_Client_PtAccess_Groups]

Enter a valid patient access group code.

ClientPtAccessGrpDef_ID [FO_Client_PtAccess_Group_Def]

ID field, a counter. Unique

ClientPtAccessGrps_ID [FO_Client_PtAccess_Groups]

ID field, a counter. Unique

ClientPtAcessGroupCode [FO_Client_PtAccess_Group_Def]

Enter a unique group code for patient access.

ClientPtId_ToolTip [FO_Clients]

Tooltip for client PTID on order screen when user hovers over the field.
Enter a short message for display.

ClientsPerfLabAssignement [FO_Ins]

Enter |ALL|
Do NOT change without Rhodes approval.
This is not the same as the 'C-' portion of performing lab rules definition.

ClientSpotLightFlag [FO_Clients]

Bit flag to determine if this client is a spotlight client (flag is added to order screen components).
Enter 0 or 1
0 or null = client code is not a spotlight client
1 = client code is a spotlight client

ClientTGroups_ID [FO_ClientTestGroups]

ID field, a counter. Unique

ClientUserLoc_ID [FO_ClientUserLoc]

ID field, a counter. Unique

ClientUserLocGroup [FO_Clients]

Assigned Group Code.
Enter a valid group code.

A permission driven rule which validates the patient location assigned to an order based on the client ID.
The system will match this code and the user location to entries in the FO_ClientUserLoc table when the Exit button on the order screen is clicked.
If there is no match, the patient location field is cleared and a message displayed to select a different patient location.

ClientUserLocGroup [FO_ClientUserLoc]

Location group code.
Enter a valid location group code as in the FO_Clients table.

ClientVisitNumber [FO_Clients]

Default client visit number, the clients external billing number, for an order.
Rule executes when the client is selected for an order.

ClientVisitNumberMask [FO_Clients]

Edit mask for client visit number.
Enter allowed edit mask characters.
= numeric character
@ = Alpha character
The client visit number entered on the order screen will be validated against the edit mask when the field is exited.
If the entered value fails the mask, the value is not accepted and the user is prompted to reenter. A hint displays the format required for the field.

cmapplydedcont

Apply logic to create dedicated containers on the container management screen and prevent users from adding tests to them.
[Container_Management_Module]

cmblockcanccid

Block cancel tests from creating Container IDs or being part of them by assigning them to the NO LABEL test label group.
[Container_Management_Module]

cmshowcommoncont

Show only the containers common to all the tests in a Container ID in the container field drop-down on the container management screen.
[Container_Management_Module]

cmstoragehide

Do not display the storage field on the container management screen.
[Container_Management_Module]

cmuselgrpondrop

Use the label group code assigned to a Container ID as part of the search, to limit the items displayed, when the container code drop-down field is used on the container management screen.
[Container_Management_Module]

cmworkloadedit

Allow edit of the workload field on the container management screen.
[Container_Management_Module]

cmworkloadhide

Do not display the workload field on the container management screen.
[Container_Management_Module]

Code [FO_Clients]

Enter a unique code.

Code [FO_Species]

Enter a unique species code.

CollectionLocations [FO_LabInfo]

System-level default for collection location if not defined at the user level.
Enter a valid collection location.
Used to validate the collection location entered on the order screen.

CommonName [FO_Reports]

Short Name for report. Displays in report list.
IE: Blank ABN

CommonTestListCode [FO_Common_Tests]

Enter a valid common test list code.

ContactName [FO_Clients]

Contact name for the client.

containercodesee

Display and enable the container code field and allow editing of each test on the order screen.
[Container_Management_Module]

containerlist

Display and enable the container list field on the order screen.
Allows user to define a container list to apply to any new tests ordered in an accession.
[Container_Management_Module]

containermgmtedit

Allow edit of container management data.
[Container_Management_Module]

containermgmtsee

Display and enable Container Management button on the order screen.
[Container_Management_Module]

containerrequired

Make container code a required field for each test on the order screen.
[Container_Management_Module]

continstrhide

Do not display instructions field on the container management screen container list.
[Container_Management_Module]

Country [FO_Clients]

Country for address.

CreateDate [FO_CDC_Outbound_Filter]

Date record was created.
Informational

CreateDate [FO_Client_Provs]

Date record was created.
Informational

CreateDate [FO_Client_PtAccess_Group_Def]

System timestamp when record is created.
Informational

CreateDate [FO_ClientTestGroups]

System timestamp when record is created.
Informational

CreateDate [FO_Common_Tests]

System timestamp when record is created.
Informational

CreateDate [FO_Ins]

Date record was created. Informational

CreateUser [FO_CDC_Outbound_Filter]

User who created record.
Informational

CreateUserName [FO_Client_PtAccess_Group_Def]

Name of user who created record.
Informational

CreateUserName [FO_Common_Tests]

Name of user who created record.
Informational

CustomerServiceRep [FO_Clients]

Client service rep.
Enter a valid service rep.
Informational

CV_ToolTip [FO_Clients]

Tooltip for client visit number on order screen when user hovers over the field.
Enter a short message for display.

D

Date1Default [FO_Reports]

Default start date.
Enter a valid date in MM/DD/YYYY format.
Enter NOW to default to current date.

Date2Default [FO_Reports]

Default end date.
Enter a valid date in MM/DD/YYYY format.
Skip this entry to default to current date.

Def_AreaCode [FO_LabInfo]

System-level default for area code.
Enter an integer for a valid area code.
Used on the patient demographic screen if area code is not provided.
The default area code is inserted into the record when the record is saved if no area code was entered on screen.

Def_ClientCode [FO_LabInfo]

System-level default client ID code.
Enter a valid client ID code.

Def_Epi_Days [FO_LabInfo]

Enter the integer 30
Do NOT change without Rhodes approval.

Def_PtLocCode [FO_LabInfo]

System-level default patient location code on the order screen.
Enter a valid patient location code.
This code is only used if no value is in the field when the order is saved.

DefaultBatchDestination [FO_LabInfo]

System-level default batch destination code.
Enter a valid batch destination code.
Used if not provided by rules for transport logic.

DefaultBillTo [FO_Clients]

Default Bill To option.
Enter a valid billto option.
The value must exactly match a value that appears in the Bill To drop-down list.

Rule is executed when a client is selected for an order and is used to override the default bill to value on an order.
Often used to override the bill to and change it from 'Insurance' to 'Client'.

DefaultFacilityID [FO_Clients]

Default facility ID.
Enter a valid facility ID.
Used by interfaces if no facility ID is provided in message.

DefaultFacilityID [FO_LabInfo]

System-level default facility ID code.
Enter a valid facility ID code.

DefaultFeeSchedule [FO_LabInfo]

Default fee schedule for multiple fee schedule implementations.
Enter a valid fee schedule code.

DefaultFeeScheduleOption [FO_LabInfo]

Default option in the default fee schedule for multiple fee schedule implementations.
Enter a valid fee schedule option code.

DefaultPerformingLab [FO_LabInfo]

System-level default performing lab code value.
Enter a valid performing lab code value.
Used to supply a performing lab code to the system when one is required and not provided by rules.

DefaultSpeciesCode [FO_LabInfo]

Default species code.
H = HUMAN

DefaultSpeciesName [FO_LabInfo]

Default species name corresponding to the default species code.
HUMAN

DefaultWorkFlowMethod [FO_LabInfo]

System default workflow.
Overridden by a user location or user-defined default workflow.
Enter an allowed value.
Allowed values:
PATIENT PRESENTS
SPECIMEN PRESENTS
INDUSTRIAL TOX

defcontainerbytest

Default container code to the value stored in the FO_Tests table for the test code when a test is ordered on the order screen.
[Container_Management_Module]

DefLocCode [FO_Clients]

Default location code for client.
Used to map a location code if the FO_Client_Locs table does not map the client to any location.

DefOrdScreenReq [FO_LabInfo]

System-level default requisition report name used when the REQ button on the order screen is clicked.
Default used when the user-level value is not defined.
Required value.
Use Rhodes recommended value.

defspeccodecontainer

Default specimen type code to the definition in the FO_TestsXContainers table when a container code is selected from the drop-down list during a test order process.
[Container_Management_Module]

Description [FO_Client_PtAccess_Group_Def]

Description of group.

Description [FO_Reports]

Expanded report name. Displays in report list.
IE: Blank ABN Form

DiagCodingMethod [FO_Ins]

Enter valid diagnosis coding method, 9 or 10, for this insurance.
Value is referenced for Medical Necessity Rules.

DispatchListRPTExternalFormCode [FO_LabInfo]

The external form code for the dispatch list user custom report.
Enter a valid external form code as defined in FO_External_Form_Definition.ExternalFormCode.

DisplayBDEFields [FO_LabInfo]

Determines which fields to display in the blind duplicate entry screen.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter allowed values shown below separated by pipes.
The default value of |ALL| may be used to display all fields.
If this field is blank, the system will default to |ALL|.
Allowed values:
M = MRN
N = patient name
D = DOB
S = gender
T = telephone
C = client
L = location
P = physician
E = test related fields
CC1 = copy to 1
CC2 = copy to 2
CC3 = copy to 3
CC4 = copy to 4
ADD = address fields

DisplayKey [FO_Ins]

Informational
Site-specific use, not used by FAST.

DisplayPrompts [FO_Reports]

Determines which prompts are presented to the user when a report is invoked.
Enter one or more characters from the allowed values.
Allowed values:
1 = starting date/time range

2 = ending date/time range
P = patient fields
A = accession fields
C = client code
D = provider code
L = location code
T = container fields
IE: 12PACDL

DoNotMapProviders [FO_Clients]

Bit field to determine if FO_Client_Provs mapping is used for drop-down on order screen.
Enter 0 or 1
0 = mapping is not used
1 = mapping is used
Does not apply to Search screen.
FO_Client_Provs table defines the relationship between a client and a provider. If this value is set to 1, the user sees relationships prebuilt in that table, it is meant to help make it easier to pick the right physician.

E

EditDate [FO_CDC_Outbound_Filter]

Date record was edited.
Informational

EditDate [FO_Client_Provs]

Date record was last edited.
Informational

EditDate [FO_Client_PtAccess_Group_Def]

System timestamp when record is edited.
Informational

EditDate [FO_ClientTestGroups]

System timestamp when record is edited.
Informational

EditDate [FO_ClientUserLoc]

Date record was last edited.
Informational

EditDate [FO_Common_Tests]

System timestamp when record is edited.
Informational

EditDate [FO_Ins]

Date record was last edited. Informational

EditUser [FO_CDC_Outbound_Filter]

User who last edited record.
Informational

EditUserName [FO_Client_PtAccess_Group_Def]

Name of user who last edited record.
Informational

EditUserName [FO_Common_Tests]

Name of user who last edited record.
Informational

Email [FO_Clients]

Client email address.

EntryGroupCode [FO_Clients]

Enter a valid entry group code.

Epi_BillTo_Options [FO_LabInfo]

Populates Bill To option drop-down list on the Episode Definition screen.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter valid billto codes separated by pipes.
IE: |P|C|I|

Epi_Ins_Options [FO_LabInfo]

Populates Insurance option drop-down list on the Episode Definition screen.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter valid insurance codes separated by pipes.
IE: |INS1|INS2|INS3|

ExceptionExecFolder [FO_LabInfo]

Pathway for CSTools installation.
Enter a valid network path.
IE: C:\Program Files (x86)\Rhodes\Rhodes Client Service Tools

ExceptionExecutable [FO_LabInfo]

File name for CSTools executable.
Include ".exe" in the file name.
IE: ClientServiceTools.exe

F

FacilityID [FO_Clients]

Enter a valid facility ID.

FastingOrderCode [FO_LabInfo]

Used to automatically order a test if the fasting priority is selected at the order level on the order screen. The rule is activated at the time the Verify button is clicked.
Enter a valid orderable test code.

Fax [FO_Clients]

Fax number

FaxToOrderCode [FO_LabInfo]

Used in the mini window for call/fax to automatically order a test code when the Fax button is clicked on the order screen.
Enter a valid orderable test code.

FilterID [FO_CDC_Outbound_Filter]

ID field, a counter. Unique

FINCompanyCode [FO_Clients]

Default FIN company code.
Enter valid FIN company code.
Instructs the billing interface to substitute this value when sending billing demographics so patients file into the correct FIN company.

FINSystemChargeTo [FO_Ins]

Default financial system charge to.
Enter a financial system charge to.

FPtoRREInterfaceCode [FO_LabInfo]

Interface code for the Fast to RRE interface service.
Enter a valid interface code.

Freq_Ct_Tests [FO_Clients]

Represents the failure count for the number of tests.
Enter an integer.
Used in LMRP calculations to fail a test for FREQUENCY at client level.

FutureOrderDays [FO_LabInfo]

Number of days in the future that the system will allow a user to date a new order.
Enter an integer for the number of days.
The collection date is evaluated and if the order is too far in the future, a warning message will be displayed.

FutureOrderSecsAutoReceive [FO_LabInfo]

Represents a number of seconds.
Enter an integer for the number of seconds.

If the collection date/time is in the future by more than this number of seconds, the accession is excluded from auto receive processes.

FutureOrderSecsNotTriggerLabels [FO_LabInfo]

Represents a number of seconds.
Enter an integer for the number of seconds.
If the collection date/time is in the future by more than this number of seconds, no label is produced.

G

Group_Mask [FO_Ins]

Edit mask for the group number entered on the demographic screen.
Enter an edit mask using allowed values.
Allowed values:
= numeric character
@ = Text character

GroupName [FO_ClientTestGroups]

Enter a unique group name.

H

HRAFormCode [FO_Ins]

Default form code to use for health forms for this insurance.
Enter a valid form code.

HRAFormFrequencyInDays [FO_Ins]

Number of days between HRA form collections.
Enter an integer as the number of days.

I

InquiryGroupCode [FO_Clients]

Enter a valid inquiry group code.

Ins_ID [FO_Ins]

ID field, a counter. Unique

Ins_Name [FO_Ins]

Name for this insurance.

Ins_Rank [FO_Ins]

Determines the ranking of the insurance when a search for insurances is performed on the patient demographic screen.
Enter an allowed value.
Skip this entry = any spot
Allowed values:
PRIMARY = for primary spot only
SECONDARY = for secondary and tertiary spot
If SECONDARY, the system only allows the user to use it in the secondary or tertiary spots of the patient demographic screen.

Ins_User_Assignement [FO_Ins]

Defines the user group(s) who can search for this insurance code.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter valid user group codes separated by pipes.

InsCode [FO_Ins]

Enter a unique insurance code.

InsCode [FO_Ins_Tests]

Insurance code for this rule.
Enter a valid insurance code.

InsPolicyStartsWith [FO_Ins_Tests]

Policy number starting characters. Rule applies only if policy number starts with these characters.
Enter a string of characters.
Skip this entry if rule applies to all policy numbers for this insurance.
Limits the tests a user can order for a specific insurance to only policy numbers containing these characters. Used in conjunction with the AllowTestOrder field.

INSRank [FO_Ins_Tests]

Insurance rank.
Always enter 1
1 = primary insurance, this rule will apply
This rule will NOT apply if this entry is skipped or any other value is entered.

InsTests_ID [FO_Ins_Tests]

ID field, a counter. Unique

InsuranceAgeToExclude [FO_Clients]

Determines if insurance update is needed based on days since patient verified.
Enter an integer for the number of days.
Update insurance if it is more than this number of days since the patient was verified.
Used by CDC interface to determine if insurance information from the client should update central patient.

IsIndustrialTox [FO_Clients]

Bit flag to determine if this client is valid for Industrial Tox workflow.
Enter 0 or 1
0 or null = client code is not valid for Industrial Tox workflow
1 = client code is valid for Industrial Tox workflow

ITOXDefICDCodeq [FO_LabInfo]

Default diagnosis code for orders placed while in ITOX workflow.
Enter a valid diagnosis code.

ITOXDefProviderCode [FO_LabInfo]

Default provider code for orders placed while in ITOX workflow.
Enter a valid provider code.

L

LabAccessionAlphaCharacters [FO_LabInfo]

Represents the letters used in the lab accession generation when FAST will pre-generate it and send it to the LIS.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter single capital letters separated by pipes.
IE: |A|Q|Z|

LabAccessionFormat [FO_LabInfo]

Defines format for creation of lab accession values.
Use Rhodes recommended value.
IE: 1A,8N
The format '1A,8N' generates lab accessions that are one alpha character followed by 8 numeric characters.

LabAddress1 [FO_LabInfo]

Address field on reports.

LabAddress2 [FO_LabInfo]

Second address field on reports.

LabAddress3 [FO_LabInfo]

Third address field on reports.

LabAddress4 [FO_LabInfo]

Fourth address field on reports.

LabCode [FO_Clients]

Lab that normally services this client.
Enter a valid lab code.

LabCode [FO_LabInfo]

Code value for this lab.

LabDirector [FO_LabInfo]

Name of lab director on reports.

LabDivisionCode [FO_Clients]

Division code associating this client with a lab organization company division.
Enter a valid division code.

LabDivisionCode [FO_LabInfo]

Connects a lab code to a larger organization charting process.
Enter a valid division code as defined in an organizations chart.

LabInfo_ID [FO_LabInfo]

ID field, a counter. Unique

LabName [FO_LabInfo]

Laboratory name for the login screen and reports.

LabPopup [FO_Clients]

Message displayed on screen to lab users when this client is selected on the order screen.
Enter message to display.

LabPopup [FO_Ins]

Text message presented to a lab user when this insurance code is selected on the patient demographic screen.

LabRegionCode [FO_Clients]

Region code associating this client with a lab organization region.
Enter a valid region code.

LabRegionCode [FO_LabInfo]

Connects a lab code to a larger organization charting process.
Enter a valid region code as defined in an organizations chart.

LabSubDivisionCode [FO_Clients]

Sub-division code associating this client with a lab organization company sub-division.
Enter a valid sub-division code.

LabSubDivisionCode [FO_LabInfo]

Connects a lab code to a larger organization charting process.
Enter a valid sub-division code as defined in an organizations chart.

LocationCodeDefault [FO_Reports]

Default location code.
Enter a valid location code or an allowed value.
Skip this entry to default to no value.
Allowed values:
CURRENT = default to current location code in memory
USERDEFAULT = default to the user-level default value
DEVICELOCATION = default device location user entered at logon

LocCode [FO_Client_Locs]

Enter a valid patient location code.

LogoImageFile [FO_LabInfo]

The network path and file name for the logo file used on screen and report displays.
Enter a valid network path and file name.
The file must be a GIF or JPG image approximately 100x125 pixels.

M

makelabaccgrp

Utilize the FO_Tests.LISAccgrpCode value to group tests to an LIS accession during container creation.
creation
[Container_Management_Module]

MandatoryReqID [FO_Clients]

Determines if requisition ID value is mandatory on the order screen.
Enter 0 or 1
0 = req id is not mandatory
1 = req id must be entered, it is mandatory

MasterClientID [FO_Clients]

Used to group multiple client IDs to a single master client ID.
Enter a valid master client ID.

MaxOrderCopyToProvs [FO_LabInfo]

Defines the maximum number of 'Copy To' providers allowed per order.
Enter an integer from 0 to 10.

MedNecessityFormCodes [FO_Ins]

Defines a list of medical necessity (ABN) related forms available when the ABN button on the order screen is clicked.
Skip this field to default to |ABNENGLISH|ABNSPANISH|
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter allowed values separated by pipes.
Allowed values:

ABNENGLISH
ABNSPANISH
BLANKABNENGLISH
BLANKABNSPANISH
GENERICENGLISH
GENERICSPANISH
BLANKGENERICENGLISH
BLANKGENERICSPANISH
To use custom forms, enter 'FC =' followed by FO_MedicalNecessity_Form_Definition.FormCode

Misc1 [FO_LabInfo]

Login screen user defined field #1.

Misc2 [FO_LabInfo]

Login screen user defined field #2.

Misc3 [FO_LabInfo]

Login screen user defined field #3.

Misc4 [FO_LabInfo]

Login screen user defined field #4.

Misc5 [FO_LabInfo]

Login screen user defined field #5.

Mnemonic [FO_Clients]

Second, searchable, identifier for the client.
Enter a mnemonic ID for the client.

This field is included when searching for a client on the order screen.

modtubeaftersend

Allow container modifications on container management screen even after the accession has been transmitted to the LIS.
[Container_Management_Module]

modtubeaftertstsend

Allow modification of containers on the container management screen (tubes) even after at least one of the tests in a container, Container ID, has been sent to the LIS.
If modtubeaftersend permission is used, then this permission may not be checked.
[Container_Management_Module]

MPIQualifier [FO_CDC_Outbound_Filter]

Enter a valid MPI qualifier code that accepts inbound messages; use only MPI qualifiers that have inbound interfaces so FAST can send out a message.
To learn which MPI qualifier codes are valid here, look at FO_MPI_Qualifier.UseForCDCOutboundProcessing. If that field is set to 1, that MPI Qualifier code is valid to use here.

MPIQualifier [FO_Clients]

Enter a valid MPI Qualifier code.
This code may be assigned to the Client Pt ID field on the order screen if one is not specified.
To uniquely identify a MRN, there needs to be an MRN concatenated with something to identify the pool where the MRN came from since the list of numbers for MRN could duplicate. The system creates a format of MRN;MPI
Properties are assigned to the MPI Qualifier so that those accessions / patients function a certain way.

If the user enters '1234' in the Client Pt ID field, the system will append ';this-value'.
If the user enters '1234;thisvalue', nothing would be assigned by the system but the value after the semicolon would be validated to ensure it matches the expected entry.

MRNumGenerationRoutine [FO_LabInfo]

Automatically generates an MRN number on the patient data screen.
Use Rhodes recommended value.
Typical value: ALPHA4NUMBER4

MRNumMask [FO_LabInfo]

Medical record number mask used to validate the MRN field on the order screen.

Enter “#” to represent numbers and “@” to represent alpha characters.
Typical value: @@@@####

N

Name [FO_Clients]

Name or description for this client.

Name [FO_Species]

Species name.

Need_Address [FO_Species]

Flag that determines if address is required.
Enter 0 or 1
0 = address is not required

1 = address is required
Informational - Future Use

Need_DOB [FO_Species]

Flag that determines if DOB is required.
Enter 0 or 1
0 = DOB is not required
1 = DOB is required
Informational - Future Use

Need_Marital [FO_Species]

Flag that determines if marital status is required.
Enter 0 or 1
0 = marital status is not required
1 = marital status is required
Informational - Future Use

Need_Sex [FO_Species]

Flag that determines if gender is required.
Enter 0 or 1
0 = gender is not required
1 = gender is required
Informational - Future Use

Notes [FO_Client_PtAccess_Group_Def]

Notes about the group.
Informational

NoTestsPayable [FO_Ins_Tests]

Determines if NO tests are payable.
Enter 0 or 1
0 = no, all or some tests are payable
1 = yes, all tests are NOT payable
Overrides the Payable_Test and NotPayable_Test list fields if set to 1.

NotPayable_Test [FO_Ins_Tests]

Defines the list of test codes that will NOT be paid by this insurance.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter valid test codes separated by pipes.
Skip this entry ignore this component for the rule decision.

NotPrimaryIfPolicyStartsWith [FO_Ins]

Defines policy number starting character(s) that cause a warning to be displayed.
The warning is displayed if an insurance code is selected and the policy number entered starts with this (these) character(s).
Enter the policy number starting character(s).

Number [FO_Clients]

Permanent account number for this client.
Enter an alphanumeric value.
Enter ASK to have the system prompt for an account number.

O

OE_Interface [FO_LabInfo]

Default value for the Outbound OE system interface.
Use Rhodes recommended value.

ordchkcid

Check to see if container management was not performed before user exits a non-future order.
If not performed, display instruction to click Tubes button on the order screen.

[Container_Management_Module]

orddecantprev

Detect the presence of the word DECANT in the spot code field of any container, Container ID, in an accession and prevent the user from exiting the order.
Display a warning to finish processing.
[Container_Management_Module]

OrderActionPhoneNumbers [FO_LabInfo]

Designed for use in TEST area.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter phone numbers, separated by pipes, to limit user's choice of entry.
IE:
|1234567894|2625326859|2625327021|
Used to prevent a user from sending play data to real client.
Typically, only include values internal to IT group.

OrderCollectLocationTypes [FO_LabInfo]

Populates the collection type drop-down on the patient collection location screen.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter valid collection type codes separated by pipes.
Used to group or classify a set of addresses you have associated to the patient.
For example:
N or NH = nursing home
H = patient's residence

C = health fair or clinic
IE:
|N|H|C|

OrderControl [FO_CDC_Outbound_Filter]

Order control code used with SENDNA option.

P

Pager [FO_Clients]

Client pager number.

PasswordExpirationDays [FO_LabInfo]

Number of days before a user password expires and must be reset.
Enter an integer for the number of days.

PastOrderDays [FO_LabInfo]

Number of days back that the system will allow a user to date a new order.
Enter an integer for the number of days.
The collection date is evaluated and if the order is too old, a warning message will be displayed.

PatientFeeSchedule [FO_LabInfo]

Default fee schedule code applied to FAST accessions labeled with a Bill To value of 'Patient/Guarantor'.
Enter a valid fee schedule code.

PatientFeeScheduleOption [FO_LabInfo]

Default fee schedule option applied to FAST accessions labeled with a Bill To value of 'Patient/Guarantor'.
Enter a valid fee schedule option code.

Payable_Test [FO_Ins_Tests]

Defines the list of test codes that will be paid by this insurance.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter valid test codes separated by pipes.
Skip this entry ignore this component for the rule decision.

PaymentCardTypes [FO_LabInfo]

Populates the credit type drop-down on the payment screen.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter valid credit card type codes separated by pipes.
IE: |AMEX|VISA|DINNERS|DEBIT|

PaymentReceiptExternalFormCode [FO_LabInfo]

The form code from FO_External_Form_Definition.
ExternalFormCode that can be used to show a user-customized SSRS-based payment receipt form.

PaymentTypes [FO_LabInfo]

Populates the payment type drop-down on the payment screen.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter valid payment type codes separated by pipes.
IE: |CARD|CHECK|CASH|

PerformingLabGroups [FO_Clients]

Defines the list of performing lab group codes used in the performing lab location calculation for a test.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter valid performing lab group codes separated by pipes.
This represents a grouping code function for clients, it is a way to group client codes so it is not necessary to enter every client code in the performing lab rules.

PhysCodeDefault [FO_Reports]

Default provider code.
Enter a valid provider code or an allowed value.
Skip this entry to default to no value.
Allowed values:
CURRENT = default to current provider code in memory
USERDEFAULT = default to the user-level default value

Policy_Mask [FO_Ins]

Mask character value(s) for the policy number entered.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter allowed value combinations separated by pipes.
Allowed values:
* = any character
# = numeric character
@ = Text character
IE: |@@####|######|
Allows for the definition of multiple edit masks for each insurance code.

ProvCodesTriggerFreeText [FO_LabInfo]

Defines provider codes for which a freetext provider name is allowed.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter valid provider codes separated by pipes.

ProviderCode [FO_Client_Provs]

Provider code for this client.
Enter a valid provider code.

PtDefaultDOB [FO_LabInfo]

Default DOB.
Enter DOB as MM/DD/YYYY format.

PtEthnicityEntries [FO_LabInfo]

Populates the ethnicity drop-down on the patient demographics screen.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter valid ethnicity codes separated by pipes.

PtFOIDDefault [FO_Reports]

Default patient FOID.
Enter a valid patient FOID or an allowed value.
Skip this entry to default to no value. The patient record that the user is in when calling this report will be used for the report.
Allowed values:
FOID = default to current patient. This patient will always be used when this report is called.

PtRaceEntries [FO_LabInfo]

Populates the race drop-down on the patient demographics screen.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter valid race codes separated by pipes.

R

RecentPatientSearchDays [FO_LabInfo]

Default number of days to evaluate for recent activity.
Enter an integer for the number of days.
Used with RECENT PTS search option.
Based on edit date not create date.

RecentPatientSearchType [FO_LabInfo]

Default RECENT PTS search type.
Enter an allowed value.
Allowed values:
USERLOCATION
ENTRYGROUPCODE
PTACCESSGROUP
MPI

RecognizedPrefixes [FO_LabInfo]

Defines the prefixes to remove from patient last name in patient matching rules.
Storage of prefixes depends on permission.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter patient last name prefixes that should be removed from patient last names via matching rules.
Enter prefixes separated by pipes.

RecognizedSuffixes [FO_LabInfo]

Defines the suffixes to remove from patient last name in patient matching rules.
Storage of suffixes depends on permission.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter patient last name suffixes that should be removed from patient last names

via matching rules.
Enter suffixes separated by pipes.

ReportName [FO_Reports]

Character string, or code, referenced by software.
Enter a short string with no spaces.
IE: ReportBlankABN

ReportOutcome [FO_Reports]

Future Use

ReportQuery [FO_Reports]

Enter SQL select statement for report.

ReportTitleDefault [FO_Reports]

Default report title.
Enter a report title to display on report.
Skip this entry to use the common name as the report name.

ReportType [FO_Reports]

Identifies the report type.
Enter an allowed value.
Allowed values:
MAIN
ORDER
PATIENT
ANY

ReqID_Exclude_Characters [FO_LabInfo]

Defines the characters to exclude from the requisition ID value.
Multidimensional COMMA delimited value.
Enter the characters, separated by commas, that should be excluded from the requisition ID value on the order screen.

ReqID_Length_Range [FO_LabInfo]

Represents the minimum and maximum number of characters allowed in the requisition ID field on the order screen.
Enter two integers separated by a dash.
Do not enter a value here if an edit mask is defined for the requisition ID field.
If the value is set as '10-15', then an entry between 10 and 15 characters long is allowed.

ReqID_Mask [FO_LabInfo]

Mask used to validate the requisition ID on the order screen.
Enter "#" to represent numbers and "@" to represent alpha characters.
Typical value: ########
This setting requires an 8 character numeric only entry.

ReqId_ToolTip [FO_Clients]

Tooltip for ReqID on order screen when user hovers over the field.
Enter a short message for display.

ReqOp_TID [FO_Reports]

ID field, a counter. Unique

RequiredFields [FO_Ins]

Defines list of insurance related fields that are required fields, if present.
Enter single characters from the allowed values.
Allowed values:
P = policy number, also makes the relationship field mandatory
G = insurance group number
I = ICD / Diagnosis
IE: PG makes the policy, relationship and group fields required fields

Result_Interface [FO_LabInfo]

Default value for the Outbound RE system interface.
Use Rhodes recommended value.

ResultSysURL [FO_LabInfo]

URL to connect to a client-provided lab result portal.
Enter a valid URL.
The URL may contain place holders for user name and password for the client-provided lab system.
IE: HTTP://LabPortal.com /#USERNAME#/#PASSWORD#

ReviewCarrier [FO_Ins]

Carrier code this insurance code is associated with for medical necessity rules.
Reflected in the FO_CPTReview table.

ReviewCPTs [FO_Ins]

Defines CPT codes checked for medical necessity rules for this insurance code.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter valid CPT codes separated by pipes.
The system uses this list to speed medical necessity rules by only checking the CPT codes in the list for cross reference in the FO_CPTReview table.

RptTriggerSubscriptionID [FO_Clients]

Used with RRE Reporting tool.
Should be valid subscription as defined in CSTools.

RuleSequence [FO_Ins_Tests]

Used to order the sequence of rule processing for this insurance code.
Enter an integer.
Remember that exception rules need to be processed before generic rules.

S

SalesRep [FO_Clients]

Client sales person.
Enter a valid sales person.
Informational

SalesTaxUserLoc [FO_LabInfo]

Defines the user locations and their corresponding sales tax to be used for price calculations on the payments screen.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter valid user location code - sales tax percent pairs separated pipes.
Each value in a pair is separated by a dash.
IE: |USERLOC1-6.5|USERLOC2-6|

SendCancel [FO_CDC_Outbound_Filter]

Bit field to determine if cancel order messages are sent on CDCOutbound.
Enter 0 or 1
0 = filter cancel order messages, do not send
1 = send cancel order messages

SendNA [FO_CDC_Outbound_Filter]

Bit field to determine if SN/NA messages are sent on CDCOutbound.
Enter 0 or 1
0 = filter SN/NA messages, do not send
1 = send SN/NA messages

SendOrder [FO_CDC_Outbound_Filter]

Bit field to determine if order messages are sent on CDCOutbound.
Enter 0 or 1
0 = filter order messages, do not send
1 = send order messages

SendOrderForFPCancelToLIS [FO_LabInfo]

Bit flag to indicate if FAST should trigger a new order message before a cancel message when sending cancellation to LIS.
This would only be true for orders that have not been previously sent to the LIS or have originated in LIS.
The system will evaluate both of these conditions by checking to see if the IFTriggerUpdate field has been filled at the test level.
Enter 0 or 1
0 = do not trigger NW order before cancel
1 = trigger NW Order before sending cancel

SendReceipt [FO_CDC_Outbound_Filter]

Bit field to determine if receipt order messages are sent on CDCOutbound.
Enter 0 or 1
0 = filter receipt order messages, do not send
1 = send receipt order messages

Seq [FO_QA_AnswerGroup]

Order, or sequence, for this answer.
Enter an integer.

Seq [FO_Reports]

Used to sort the report list.
Enter an integer to indicate where this report should be in the report list.
Optional

Sequence [FO_Common_Tests]

Order, or sequence, in which to display this test code.
Enter an integer for numeric order, typical, or enter alpha characters, such as A, B, or CC, DD, for alphabetical order.

SO_Review_Days [FO_Clients]

Number of days since the collection date to expire a standing order.
Enter an integer for the number of days.
Overrides the system-level value.

SO_Review_Days [FO_LabInfo]

System-level default number of days before a standing order expires and requires review.
Enter an integer for the number of days.
Calculation is based on create date of the standing order.
Used to calculate the number of days until standing order expiration.
IE: 180

SourceSystem [FO_Clients]

The system/vendor/version ID for with this client.
Enter valid system/vendor/version ID.
Connects to the organization source system definitions.

SourceSystem [FO_Species]

Default system/vendor/version ID for this location.
Enter a valid ID.
Connects to the organization source system definitions.

Species_ID [FO_Species] [FO_Species]

ID field, a counter. Unique

specimencodesee

Display and enable the specimen code field and allow editing of each test on the order screen.
[Container_Management_Module]

SpecimenPresentsDefTechCode [FO_LabInfo]

Default tech code for collection tech in the Specimen Presents mode.
Enter a valid tech code.

SSRSURL [FO_Reports]

Enter EF = Expired Orders
Instructs system to look in the FO_External_Form_Definition table for more definitions and/or a link to an external report URL in the FO_External_Form_Definition.ReportURL field.

St [FO_Clients]

State

StandingOrderComment [FO_Clients]

Client-specific comment on the standing order schedule screen.
Enter the text to display as a comment.
Can be used to remind the user of client-specific requests.

State_ID [FO_State]

ID field, a counter. Unique

StateCode [FO_State]

Standard two character state postal abbreviation.

StateName [FO_State]

Full State name.

T

TDC_In_Interfaces [FO_Clients]

Interface code for Trusted Data Concentrator inbound interface.
Enter a valid interface code.
Code is used by FAST to write to the trigger table. Must match what is expected for interface to function.

TDC_In_Interfaces [FO_LabInfo]

Interface code for Trusted Data Concentrator inbound interface.
Code is written to the interface code field when a trigger row is written by FAST. It

must match what is expected for interface to function.

TDC_Out_Interfaces [FO_Clients]

Interface code for Trusted Data Concentrator outbound interface.
Enter a valid interface code.
Code is used by FAST to write to the trigger table. Must match what is expected for interface to function.

TDC_Out_Interfaces [FO_LabInfo]

Interface code for Trusted Data Concentrator outbound interface.
Code is written to the interface code field when a trigger row is written by FAST. It must match what is expected for interface to function.

Tel [FO_Clients]

Phone number

Territory [FO_Clients]

Client sales territory.
Enter a valid sales territory.
Informational

TestCode [FO_ClientTestGroups]

Enter a valid test code.

TestCode [FO_Common_Tests]

Enter a valid test code.

TestCompDupExcludeDept [FO_LabInfo]

Defines the department codes to exclude from the test overlap/duplication logic during order entry.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter valid department codes separated by pipes.
This value is used to exclude the list of department codes it represents from applying to the test overlap/duplication logic during order entry.
Any department codes in this list will not be evaluated for test overlap.
IE: |BB|MC|CY|PATH|
If this field is blank, the system will default to |MC|BB|CY| and will exclude those departments from test overlap/duplication logic.

TestCompDupExcludeTests [FO_LabInfo]

Defines the order codes to exclude from the test overlap/duplication logic during order entry.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter valid order codes separated by pipes.
This value is used to exclude the list of order codes it represents from applying to the test overlap/duplication logic during order entry.
Any order codes in this list will not be evaluated for test overlap.

TestName [FO_ClientTestGroups]

Enter alternate test name to display on this list.
Used for client's common terminology.

Time1Default [FO_Reports]

Default start time.
Enter a valid time in HH:MM 24-hour format.
Enter NOW to default to current time.

Time2Default [FO_Reports]

Default end time.
Enter a valid time in HH:MM 24-hour format.
Skip this entry to default to 23:59.

TriggerCancelCDCOutbound [FO_LabInfo]

Bit flag to indicate if FAST should trigger cancellation messages to the outbound CDC interface for orders where FO_Accessions.Origin equals 'C' or 'T'.
Enter 0 or 1
0 = do not trigger cancellation messages to outbound CDC
1 = trigger cancellation messages to outbound CDC

Type [FO_Clients]

Client type.
Used to categorize the client.
Informational

Type [FO_Ins]

Informational
Site-specific use, not used by FAST.

U

UnknownCollectDate [FO_LabInfo]

Date sent to LIS when Unknown Collection box is checked.
Enter collect date as MM/DD/YYYY format.

UnknownCollectTime [FO_LabInfo]

Time sent to LIS when Unknown Collection box is checked.
Enter collect time as HH:MM 24-hour format.

UPIN [FO_Clients]

Client's UPIN, the unique physician identification number.
Informational

UseABN [FO_Ins]

Indicates if ABN and medical necessity rules will apply when this insurance is selected for a patient on the demographic screen.
Enter 0, 1, or skip this entry
0 or skip this entry = no medical necessity rules apply
1 = medical necessity rules apply

UseClientDrivenOrderScreen [FO_LabInfo]

Bit flag to indicate if client-driven order screen is default order screen.
Enter 0 or 1
0 = use original FAST order screen
1 = use client-driven order screen

UseInterfaceTriggerService [FO_LabInfo]

Bit flag to indicate if FAST should enable FAST Interface Trigger Layer.
Used in conjunction with FAST Interface Trigger Process Service.
Enter 0 or 1
0 = do not use trigger layer (FAST will continue to write to trigger table)
1 = use FAST Interface Trigger Layer and FAST Interface Trigger Process Service (started configured and separately)
(A background service for creating application to interface subsystem triggers.
When this is set the application writes general triggers for the background job to

process in the table FO_IF_AppTrigger_Queue.
The background job then creates the explicit table updates and the triggering to the FO_ID_Trigger table.)

UseMandatorySteps [FO_LabInfo]

Enter the integer 1
Do NOT change without Rhodes approval.

UseMSP [FO_Ins]

Indicates if MSP rules apply.
Enter 0, 1, or skip this entry
0 or skip this entry = no MSP rules apply
1 = MSP rules apply

UseReferral [FO_Ins]

Indicates if this insurance code requires a referral ID.
Enter 0, 1, or skip this entry
0 or skip this entry = no referral required
1 = referral is required
Causes the system to activate the referral screen in an order.

UserLocation [FO_ClientUserLoc]

Enter a valid user location code.

UserMessage [FO_ClientUserLoc]

Message to display which describes this action.
Enter the message to display.

UserMessage [FO_Ins_Tests]

Text message displayed if this rule is the decision point.

UserName [FO_ClientTestGroups]

Name of user who created the record.
Informational

UserName [FO_Ins]

Name of user who last edited the record. Informational

UseVerify [FO_LabInfo]

Enter the integer 1
Do NOT change without Rhodes approval.

V

validatecontainer

Force validation of container code entry on order screen by checking to make sure the entry is in the table.
Invalid entry is cleared.
If this permission is not used, then user can type freetext container codes.
[Container_Management_Module]

Veterinary [FO_Species]

Flag that determines if veterinary specimen is required.
Enter N or Y
N = veterinary specimen is not required
Y = veterinary specimen is required
Informational - Future Use

W

WorkFlowMethods [FO_LabInfo]

Workflow methods used by the site.
Populates the workflow method drop-down on the integrated search page.
Multidimensional pipe delimited value, with leading and trailing pipes.
Enter one or more allowed values separated by pipes.
Allowed values:
PATIENT PRESENTS
SPECIMEN PRESENTS
INDUSTRIAL TOX

Z

ZipCode [FO_Clients]

Zip code