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Instrument Manager v8.14

Overview of the New Features and Functionality

IM v8.14: Rules Enhancements

- Natural Log, Inverse Natural Log, Log
- {Within Range of} Range Data Elements

Example:

- If: {Result} {Within Range of} {Reference Range} {On Test} "GLU"
 - ERR is returned if either the data element being evaluated, the low or the high values are not numeric
- {Date Difference From}

Example

- If: {Date Difference From} {Collection Date/Time} {To} {Specimen Received Date/Time} {In Hours} > "5"
- Then: {Set} {Specimen User Field 01} = {Date Difference From} {Collection Date/Time} {To} {Specimen Received Date/Time} {In Hours}

IM v8.14: Security & Notifier Enhancements

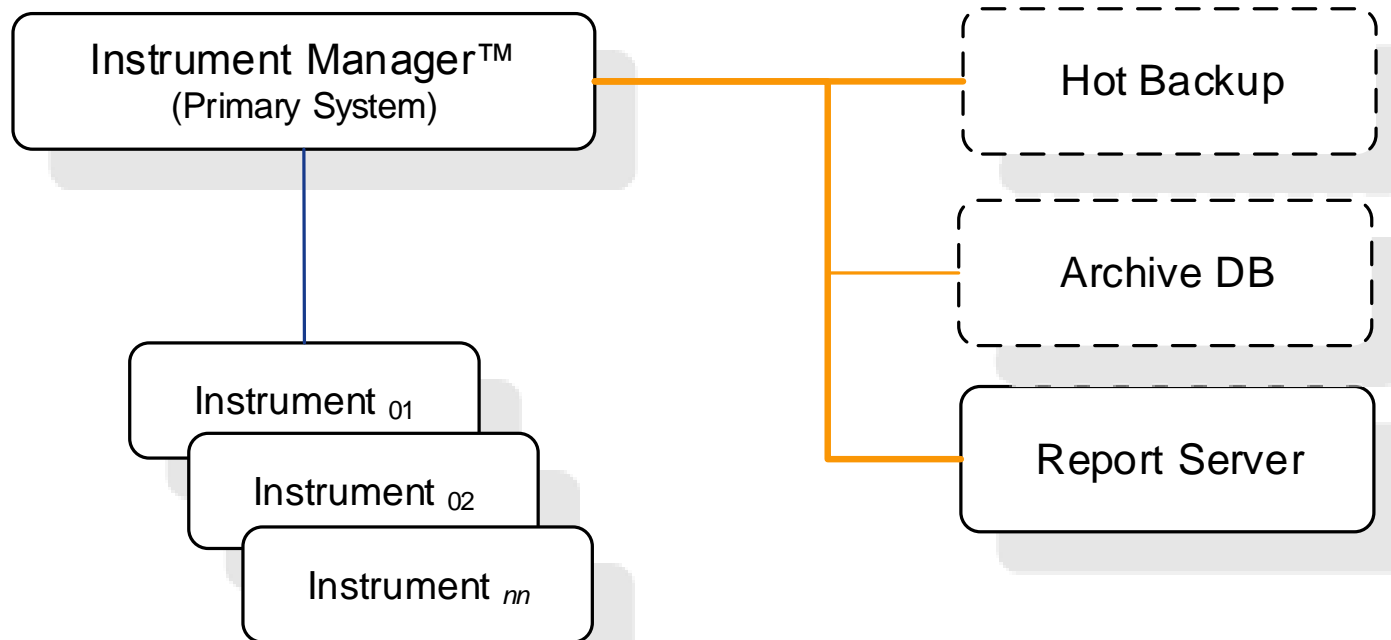
- User Security
 - Default System Layout
 - Default Layout Master User
- Notifier Updates
 - Notify within IM was added
 - SSL support with communication with email server
- Overwrite Patient Data option in Connection Assignment
 - Allows / Prohibits devices from overwriting patient data in Specimen Management

IM v8.14: Laboratory Intelligence

Ability to use the SM Archive database for long term trending and historical information

- Laboratory Intelligence

- Data in SM Archive database can be accessed through Lab Intel Pivots and Dashboards
- Ability to backup/restore Folder Items through IM backup/restore
- Dashboards Access can in Lab Intel can be controlled through user security



IM v8.14: Moving Averages, Backup & Restore

- Moving Averages
 - Precision of the Mean, SD, and Data Point Result Value Calculation in Moving Averages
 - If different precision is required, write rule to modify MA Result using {Round} action in {Before Moving Averages} location
- Backup/Restore
 - Allows the restoring databases from directory structures different than primary
- TCP/IP Connectivity
 - Can be encrypted now
 - If IM is the server, site needs to create a certificate manually, and link to Cache
 - If Terminal Server is server (e.g. Lantronix EDS models) can create a certificate themselves on the device and activate it
 - Character encoding can now be configured

IM v8.14: Specimen Routing & Test Code Mapping

- Specimen Routing (SR)

- New Rule Action for marking Test Out of Service – use in conjunction with the DI Out of Service Driver (diioosda) and instrument drivers that support removing tests that are out of service from Query response.

- Test Code Mapping

- Improvements when returning ordered test code if multiple occurrences of a test are ordered with different dilutions
- Test Load Factors are now on the Test Code Mapping screen

IM v8.14: Multiple Monitors & OS Support

- Multiple Monitor Awareness



- Operating Systems
 - Added support for Microsoft Windows 8.1 and Server 2012 R2
 - No longer supporting Windows XP and 32-bit Server OSs

IM v8.14: Open QC Framework

A new method to integrate third-party QC and LIS QC systems with Instrument Manager

- What is ‘Open QC Framework’
- Open QC Framework
 - QC Integration now in drivers
 - QC Connection still needs to be On
 - QC Connection as “Integrated QC” in Connection Assignment
- QC Report part of Configuration Options and Mappings Report
- Upgrade

Demonstrate in the Product

- Rules
 - Icon Data Elements
- Specimen Management
 - Updated Filter Logic
 - Dynamic Filters opened up to all data elements
 - Static filters can be added to toolbar
 - Filters can be applied by pane
 - Filter on date/time data elements can now be specific date/time
 - Color Coding / Icon Improvements
 - Run Information Pane Header

Demonstrate in the Product - *continued*

- Specimen Management (continued)
 - Additional Previous Result Logic
 - Previous Patient and Previous Run Data Elements
 - Fluid Group
 - Overwrite Patient Data option in Connection Assignment
- IM Menu Structure
 - Customization of main IM Menu
 - Right-click menus can be modified on Status, Rules and SM Workspace

Questions?

Thank you for your time!

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Questions / Next Steps

Support Slides