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