IM 2020 Edition

Upgrading your experience with Instrument Manager
Topics

I. IM 2020
II. Why upgrade?
III. Tools to help with your upgrade

- New features
  - New naming convention
  - Timezone Awareness (TZA)
  - Cache 2018
  - Support for Windows Server 2019
• New Naming Convention
  • Edition will refer to the year the version was released
  • Versions will be retained for regulatory purposes
• Timezone Awareness (TZA)
  • Ability to provide an offset for each instrument connection
• Timezone Awareness (TZA)
  • Impacts Date/Time fields
    • Examples:
      • Audit Trails
      • Specimen Event Logs (SELs)
      • SM and SEL Filters
  • Data displayed for these data elements will be “local” to the user
    • Data is written to the database in Server time
    • Offsets applied to the display of data
• **Timezone Awareness (TZA)**
  • Does not apply to Date Only Fields

<table>
<thead>
<tr>
<th>Result</th>
<th>Insurance Verification Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Observation Date</td>
<td>Insurance Military Retire Date</td>
</tr>
<tr>
<td>Test Request Date</td>
<td>Insurance Employment Start Date</td>
</tr>
<tr>
<td>Purge Date</td>
<td>Insurance Employment Stop Date</td>
</tr>
<tr>
<td>DOB</td>
<td>Insured Relationship to Patient Start Date</td>
</tr>
<tr>
<td>Admit Date</td>
<td>Insured Relationship to Patient Stop Date</td>
</tr>
<tr>
<td>Discharge Date</td>
<td>Guarantor Date / Begin</td>
</tr>
<tr>
<td>Expected DOB</td>
<td>Guarantor Date / End</td>
</tr>
<tr>
<td>Insurance Plan Effective Date</td>
<td>Guarantor Effective Date</td>
</tr>
<tr>
<td>Insurance Plan Expiration Date</td>
<td>Guarantor Employment Stop Date</td>
</tr>
<tr>
<td>Insured DOB</td>
<td>Specimen Creation Date</td>
</tr>
<tr>
<td>Insurance Notice of Admission Date</td>
<td>Carrier Creation Date</td>
</tr>
<tr>
<td>Insurance Report Eligibility Date</td>
<td>Carrier Destruction Date</td>
</tr>
</tbody>
</table>
- Timezone Awareness (TZA)
  - Does not apply to Laboratory Intelligence
  - Licensed feature
    - No charge for this feature, but will require new license files

• Upgrade includes a move to Cache 2018
  • Keeps Instrument Manager on a Intersystems-supported version of Cache

• Cache 2018 brings support Windows Server 2019
  • IM 2020 supports Windows 8.1 – Server 2019
Why Upgrade?

• New features that you want to take advantage of or to correct issues you may be seeing with your current version

  • https://datainnovations.com/im-version-calculator

  • https://datainnovations.com/im-version-history
Why Upgrade?

• Notable new features released in the past 3 years
  • Timezone awareness
  • High Availability/Disaster Recovery
  • LDAP Provisioning
  • Significant improvements to Moving Averages
  • Launch 3rd Party applications within SM Workspace
  • Load new license files without restarting IM
Why Upgrade?
The hardware or operating system is near the end of its life

Most physical computer hardware is replaced every 3-5 years
• DI has customers on 8.10 or lower
• Running below 8.15 means you are using Shadowing technology

Windows 7 End of Life January 2020

Windows Server 2012 End of Life January 2023
Why Upgrade?

• If you are a current DI customer, your annual maintenance and support fees include access to upgrades
  • Customers can and do their own upgrades
  • Please request the upgrade from your Sales representative for tracking purposes
Tools to help with your upgrade

• If you are not comfortable doing your upgrade, DI has Professional Services available to provide direct support during your upgrade
  • DI Professional Services is *strongly* recommended for implementing HA/DR for the first time
  • DI Professional Services are required for implementing TZA
Validation of Instrument Manager is required any time that you upgrade.

Validation requirements vary from organization to organization and even from facility to facility.

Validation can be very time consuming, especially if you are doing autoverification within Instrument Manager.
Tools to help with your upgrade

• Validation
  • Data Innovations has partnered with Software Testing Solutions to help with your Instrument Manager validation
  • Automates the testing and validation of Instrument Manager rule sets
    • Generates reports that easily allows you to detect any changes that may have occurred in your rule sets
Thank you!
Upcoming Webinar

IM Customer Case Study with Sentara Healthcare
Mon., June 22nd
10:00 AM PT /1:00 PM ET