

A photograph of two scientists, a woman and a man, in a laboratory setting. They are both wearing white lab coats and blue gloves. The woman is holding a tablet and looking at it, while the man is holding a test tube and looking at it. The background is a blurred laboratory with various pieces of equipment and lights. The entire image has a blue tint.

IM 2020 Edition

Upgrading your experience with Instrument Manager

Topics

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

IM 2020 Edition, Version 8.17



- New features
 - New naming convention
 - Timezone Awareness (TZA)
 - Cache 2018
 - Support for Windows Server 2019

IM 2020 Edition, Version 8.17

- **New Naming Convention**
 - Edition will refer to the year the version was released
 - Versions will be retained for regulatory purposes



IM 2020 Edition, Version 8.17

- Timezone Awareness (TZA)
 - Ability to provide an offset for each instrument connection

Advanced Options

Explode Coded Entries for this Connection

Include in Specimen Management

Default userid

Update Specimen Management on Status Messages

Overwrite Patient Data

Include in Specimen Storage and Retrieval

Shared Orders DB Connection

Device Timezone

IM 2020 Edition, Version 8.17



- 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

IM 2020 Edition, Version 8.17

- Timezone Awareness (TZA)
 - Does not apply to Date Only Fields

| | |
|------------------------------------|--|
| Result | Insurance Verification Date |
| Observation Date | Insurance Military Retire Date |
| Test Request Date | Insurance Employment Start Date |
| Purge Date | Insurance Employment Stop Date |
| DOB | Insured Relationship to Patient Start Date |
| Admit Date | Insured Relationship to Patient Stop Date |
| Discharge Date | Guarantor Date / Begin |
| Expected DOB | Guarantor Date / End |
| Insurance Plan Effective Date | Guarantor Effective Date |
| Insurance Plan Expiration Date | Guarantor Employment Stop Date |
| Insured DOB | Specimen Creation Date |
| Insurance Notice of Admission Date | Carrier Creation Date |
| Insurance Report Eligibility Date | Carrier Destruction Date |

IM 2020 Edition, Version 8.17

- **Timezone Awareness (TZA)**
 - Does not apply to Laboratory Intelligence
 - Licensed feature
 - No charge for this feature, but will require new license files

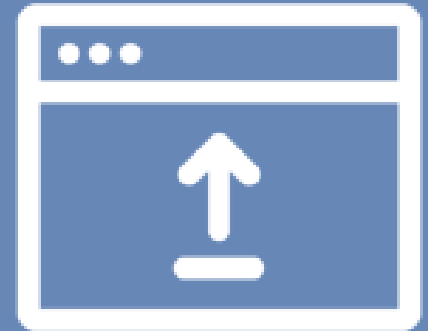


IM 2020 Edition, Version 8.17

- 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>



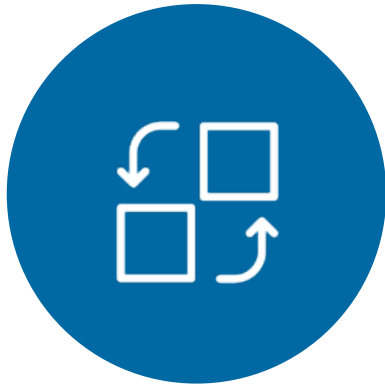
Why Upgrade?



- 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

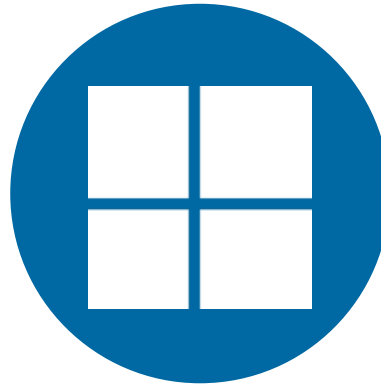
Why Upgrade?

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

Tools to help with your upgrade

Validation

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 Manger validation
 - <http://www.sts-healthcare.com/>
 - 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