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|  | <p style="text-align: center;">External Release Notes Abbott Rapid Diagnostics (ARDx) Informatics</p> | | <p>Template No. D10046630 Rev AB</p> |
| <p>Document Type:</p> | <p>FORM</p> | <p>Governing Document:</p> | <p>D10046589</p> |

1. Introduction

Welcome to RALS version 7.1.1 build # 23.38.0111. This document details the new features, improvements, and fixes found in this product version. For information regarding the installation, features, functionality, and use of this product, please refer to the Resources section.

2. New Features and Enhancements


- None

3. System Requirements

The following minimal requirements should be available on an RCS (RALS Core Server) platform to upgrade to this version of RALS.

- C Drive must have at least 10 Gb of free space.
- D Drive must have 3 times the size of the backup file, plus the allocated size of any database that was not part of the version being upgraded (old version).

| Database | Allocated Size (GB) | Version Introduced | Purpose |
|----------|---------------------|--------------------|--|
| RALS | 3.5 | Initial Release | General Data |
| MIG | 10 | 5.7 | Session Logging |
| Mirth | 3.5 | 5.9 | HL7 Inbound and HL7 Outbound Interfacing |
| HL7inMsg | 3.5 | 5.9 | HL7 Inbound Interfacing |
| History | 3.5 | 5.17 | Change Logging |
| LDAP | 3.0 | 6.0 SP7 | LDAP Interface and Sessions |
| LMS | 3.0 | 6.0 | LMS logging |
| Logs | 3.0 | 6.0 SP3 | Support Logs |

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4. Supported Environments


- Supported Browsers:
 - Microsoft Edge
 - Google Chrome
 - Mozilla Firefox
 Internet Explorer is NOT supported.
- Supported Platforms:
 - Microsoft Windows Server 2008 (R50)
 - Microsoft Windows Server 2012 (R60)
 - Microsoft Windows Server 2016 (R70)

5. Required Third Party Components

No additional third party components required. All components are installed on the RALS server as part of the product installation.

6. Bug Fixes

- RALS MIG (Multi-Instrument Gateway) and SQL (Structured Query Language) no longer crash when large data queries take place for results. Display views for the results data table now require a filter be configured for the result time column. For existing views without this filter, a filter of last 7 days will automatically be applied.
- Improved performance of dashboard widgets.
- RALS no longer returns “Bad Request” error when saving MTE (Manual Test Entry) results.
- When one institution adds a new epoc® eVAD file, the eVAD file is no longer removed from other institutions’ epoc® Hosts. The existing eVAD file will remain on the epoc® Host until scheduled for upload by the individual institutions on the RALS server.
- RALS no longer requires a Nova device certification (Nova StatStrip® GLU, Nova StatSensor® CREAT, or Nova StatStrip® LAC) in order to perform Manual Test Entry via the device.
- GEMweb Plus operator list is now sent from RALS correctly.

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- epoc® QC and Calibration Verification schedule set up in RALS configuration, no longer requires Level 6 for the TCO2 analyte.
- Improvements have been made to when RALS closes NovaNet Sessions.
- If a result with an associated material is re-evaluated, the re-evaluation of the same result will not change the inventory count, therefore preventing that one material from being counted twice for the same result.
- Quality Control and Linearity material range limits have been removed, and are no longer restricted by the Device Minimum and Device Maximum limits.
- Fixed an issue that was preventing devices from being licensed in certain circumstances.
- Made improvements to the Materials query.
- Changes made to the Avox 1000e Yellow and Orange Optical QC Filters to allow Levey-Jennings charts for this quality control material.
- Improvements made to the Operator details containing a collection of recertification attempts, to allow faster response when saving edits.

7. Resources

www.rals.com

8. Contact Information

If you have any questions regarding this information please contact Abbott Rapid Diagnostics Informatics at:

rals.support@abbott.com or **877-627-7257**