

Version 1.6.2 Release Notes

Summary

Version 1.6.2 software provides new product improvements and corrects defects for the Codonics® Integrity® Medical Image Importer found in Version 1.6.1. The software is compatible with all Integrity systems.

This document only details changes from Version 1.6.1 software. If you are upgrading from an older software version, previous Integrity Release Notes can be downloaded from the Codonics web site.

Product Improvements for Version 1.6.2

- ◆ **Patient Search.** Imported studies may now be searched by patient name, patient ID and study description with the new Search box on the Studies page or on the corresponding Search filter. Multiple search terms separated by spaces can be used to narrow the results. Using double quotes on each side of the search terms will query for records matching exact text. Upon selecting the Search filter button or entering new text in the Search box, the Studies list is filtered to contain only studies where the patient name, patient ID or study description contain the search term or terms entered in the Search box.

NOTE: Search terms are case-insensitive. International characters are supported for searching, but accented characters are treated the same as unaccented characters, i.e. u is treated like ü.

NOTE: The search term(s) entered will remain for the duration of the logged-in session unless removed with the Clear icon.

- ◆ **Patient ID Hover Display.** When a user focuses the mouse over a patient name, a hover display is presented with the patient ID. The patient ID hover display will remain until the user moves the mouse to another portion of the screen.

NOTE: With the use of an iPad®, the hover display with the patient ID will be presented to the user by tapping the patient name. The patient ID hover display will remain until the user taps another portion of the screen.

- ◆ **Study Viewing History.** Audit logging is added to record the history of studies viewed by users in the Study Viewing log file. An audit log is recorded when a user either clicks the Preview button on the Study Details dialog or clicks the Magnifying Glass icon for Integrity units licensed with the DICOM viewer.
- ◆ **Updated German Translation for "Stored".** The translation is improved based upon user feedback.
- ◆ **Modality Display for Reconciliation.** The Reconcile screen can now display modality information for the Original Data and Search Results Data if the query server(s) in use supports it. This display can aid a technologist in matching a study with a scheduled exam in the event there is more than one scheduled exam or more than one study on the disc.

The following parameter can be configured in the profiles\reconciler\reconciler.default.txt profile:

Parameter: **displayModalitiesInStudy**

Settings: **True** or **False**

Default: **False**

Description: When set to True, the system will show a row for modality information on the Reconcile screen. When set to True, any Query Server profile(s) in use must be configured to query for the appropriate DICOM tag containing modality information for that type of query server, as described below.

NOTE: Not all query servers support returning modality information in a query. In these cases, no modality information will be shown in the Updated Data column.

For any profiles\reconcilers\queryserver.xxx.txt profiles currently in use, the following configuration must be added below the last entry in the multi-valued customQueryTag parameter (if it does not already exist):

For QR-style queries, such as queryserver.qr.txt, where queryType = QR_STUDY_ROOT :

Parameter: **customQueryTag = Modalities in Study**

For MWL-style queries, such as queryserver.mwl.txt, where queryType = MWL:

Parameter: **customQueryTag = SPS Modality**

NOTE: The modality information is for display only and cannot be altered.

- ◆ **Microsoft® Windows® XP Embedded Operating System.** The operating system is updated to service pack 3 (SP3) with all available patches released through January 2013.
- ◆ **IP Address and Network Name Display.** The user interface can now display the Integrity unit's network name and IP address in the upper left corner of all main pages. The Status Details screen is updated to display the network name following the IP address.

The following parameter can be configured in the profiles\system.txt profile:

Parameter: **displayNetworkInfoOnAllPages**

Settings: **True** or **False**

Default: **False**

Description: When set to True, the current network name and IP address are displayed on all main pages.

Defects Corrected in Version 1.6.2

- ◆ **Corrected study processing on the Queue page to process studies in the order in which they were queued.**
- ◆ **Fixed decompression of compressed studies to be properly displayed in the DICOM viewer.**

Known Common Issues

This section details common issues with 1.6.2 software that are likely to be experienced by most users.

- ◆ **There isn't a way to stop or to delete a study that is being stored.** A user must wait until the store operation is complete before deleting the study.
- ◆ **The iPad display may include some additional user interface elements in certain presentation modes.** When zooming in landscape presentation mode or in unzoomed or zoomed portrait mode, there may be some additional graphical lines around fields and selections. This is due to how the iPad software manages the presentation when not using the intended presentation mode of standard landscape display.

Known Uncommon Issues

This section details uncommon issues with 1.6.2 software that are unlikely to be experienced by most users.

- ◆ **Re-entering Reconcile page quickly after making a change may not show the change.** The delay in updating Integrity's database can be resolved by waiting a few seconds and then re-entering the page.
- ◆ **If a study is in a queued state, it cannot be stored or reconciled.** Additionally, if a study is in the queue, adding more store destinations for that study cannot be done until it has completed the initial store request.

- ◆ **Selecting the Study Details Icon (magnifying glass) in some circumstances can show a HTTP 500 Error.** Due to a transient issue with the User Interface, press the F5 key to refresh the screen, then try again.
- ◆ **A disc inserted upside-down results in no action on Integrity.** When a disc is inserted upside-down, Integrity shows no recognition that a disc was inserted. The on-screen LEDs show no status change and no status message is displayed.
- ◆ **Study deletion stops working if a study is reconciling or storing.** This condition occurs only if the database is full of studies and at the same time a study needs to be deleted that is locked, reconciling, queued, or storing.
- ◆ **A study can be locked if a user interrupts the Reconcile page while loading.** If a user selects a study, clicks the Reconcile button, and then interrupts the Reconcile page from loading by clicking on the Help button, the Reconcile page does not load but the Help screen does.

However, when the user returns to the Studies screen, the status of the study is locked for Editing instead of Ready. If another user is not currently reconciling the study, then unlock the study by going to the Study Details dialog and uncheck the "Locked for Editing" checkbox.

- ◆ **The User Interface does not load properly for certain locales.** 1.6.0 software supports English, Japanese, French, German, Italian, Portuguese, and Spanish User Interfaces. Other locales are not fully supported and have not been fully verified.
- ◆ **Selecting a study that is in the process of being stored causes User Interface issues and incorrectly displays the count to be off by one.** If a study is being stored and a user selects the same study while it is being stored, the study will move to the Stored filter, but the Delete, Store, and Reconcile buttons will remain selectable although there is no longer a selected study on the New filter. The lower left corner will also read 1 of 0 selected.
- ◆ **After successfully changing the IP address from a remote browser, the "please wait" icon shows indefinitely.** When a user changes the IP address from a remote browser, they will need to browse to the new IP address and log back into Integrity.

Technical Support

If problems occur during software installation or operation, contact Codonics Technical Support at any time.

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