

Codonics Infinity C Operating Software

Version 1.2.0 Release Notes

Summary

Version 1.2.0 software is the initial software release for the Codonics Infinity™ C Medical Image Server. The software is compatible with all Infinity C systems.

WARNING: Version 1.2.0 software is intended for use on Infinity C systems only. It is **not** for use on Infinity LX systems. Do **not** install Version 1.2.0 software on Infinity LX systems.

The Infinity C Medical Image Server is an expandable DICOM storage appliance that provides a solution for storing and retrieving medical images. Applications include temporary storage of large DICOM data sets directly from any modality, and storage of digital images in an environment without a centralized, digital image archive.

Known Common Issues

This section details common issues with Infinity C 1.2.0 software that are likely to be experienced by most users.

- ◆ **The LEDs on the hard drives will be red until software is running.** The LEDs on the front of each hard drive will be red when the Infinity is powered on until software is running. Do not pull a drive during this time.
- ◆ **The Login dialog box is delayed for Remote Desktop Connection.** When a user first opens Remote Desktop Connection for Infinity C, there is at least a 30-second delay before the Login dialog box opens. During this time, a blank blue background is displayed. This condition only occurs for the first time after a reboot. Subsequent logins occur more quickly.
- ◆ **The Japanese Study Manager does not currently support the export of studies.** A user can export studies using the English Study Manager.
- ◆ **E-mail status notifications might be handled incorrectly by different e-mail clients.** Hotmail treats Infinity e-mail as spam and requires that a user click Display the Message. Yahoo! Mail also treats Infinity C e-mail as spam and puts it in the spam folder. A user has to go to the spam mailbox and click the e-mail to indicate to Yahoo that it is not spam.
- ◆ **Refreshing the System Status tool page will navigate a user back to the main page.** When refreshing the System Status tool (e.g., pressing the F5 key or using a browser button), the main page will always display. For example if the Drives page is currently displayed, refreshing the page will not refresh the Drives page, but will display the main page.

Known Uncommon Issues

This section details uncommon issues with Infinity C 1.2.0 software that are unlikely to be experienced by most users.

- ◆ **The system can overheat if the exhaust or the vents on the unit are blocked.** If the unit overheats it will perform a safe shutdown. To prevent overheating, ensure that there is at least four inches of clearance around the system and that the vents on the top and side of the unit are not blocked.
- ◆ **Infinity C does not accept DICOM Structured Reports.** Transfer syntaxes 1.2.840.10008.5.1.4.1.1.88.11 - Basic Text SR, 1.2.840.10008.5.1.4.1.1.88.22 - Enhanced SR, and 1.2.840.10008.5.1.4.1.1.88.33 - Comprehensive SR cannot be stored to Infinity C.
- ◆ **Infinity C does not accept certain transfer syntaxes.** A transfer syntax of 1.2.840.10008.1.2.2 - Explicit VR Big Endian, cannot be stored to Infinity C.
- ◆ **Studies may be sent to trash if the system is rebooted during study transfer.** It is possible that patient images may be placed in the trash if the system is rebooted during study transfer. Do not reboot or shutdown until all images from a study exist in the Study Manager.
- ◆ **The Infinity C beeping and muting capability:**
 - ◆ If there is an issue with the RAID card, the system will beep. The beep can only be muted after Infinity C software has booted-up.
 - ◆ If the system was improperly shut down and the RAID card is in a failure or critical state, the system will beep for two to three minutes during software boot-up.
- ◆ **A hard power loss could result in data corruption.** To prevent this condition, connect Infinity C to a Codonics-recommended Uninterruptible Power Supply (UPS) and minimize the number of times Infinity C is hard powered down.

- ◆ **RSS alert messages could frequently repeat.** For example, if the unit's temperature bounces around a warning level, RSS alert messages will frequently repeat to the user interface until cleared. If there are too many messages, a user can reboot the system to clear them.
- ◆ **A reboot is required if the hostname has changed.** Once the system has started, a user will be alerted that the hostname has changed and will need to reboot.
- ◆ **Audit logs are not fully enabled as a default setting.** Audit logging must be enabled from the Infinity C Administration tool.
- ◆ **Images for one patient could be sorted in a study for another patient.** If a patient's images have the same Study UID as another patient's images, then images from one patient could be retrieved with the other patient's images. This situation could also occur if the Administration tool is incorrectly configured to use a Study Matching type that is not Study UID, such as Accession Number or Study ID, and the chosen identifier is not unique within the facility.
- ◆ **The status notification e-mail will refer to IP address 0.0.0.0 for a web page upon restoring the network connection.** When an unplugged network cable is plugged back into Infinity C, the first status notification e-mail will refer the user to Status Web Page: <http://0.0.0.0/>. Subsequent status notifications that are sent will then refer to the correct IP address of the Infinity C.
- ◆ **In the Infinity C Configurator, attempting to cut, copy, or paste text in the fields will produce incorrect outputs.** A user should properly type in any letters or numbers and not use shortcuts to copy text.
- ◆ **The System Status user interface may be unavailable.** If the System Status web application is unavailable, reboot the system.
- ◆ **Automatic system shutdown will not occur if DICOM settings are not saved and the Infinity C Administration tool remains open.** A user should save their settings and close the Administration tool.
- ◆ **Automatic system shutdown will not occur if studies are opened for viewing in the Infinity C Study Manager.**
- ◆ **Deleting a study using the Infinity C Study Manager when it is still receiving studies causes orphan files.** If a user deletes a study while it is still being received, the remaining incoming files will still be processed, but will not belong to any study.
- ◆ **Occasionally, the temperature is inconsistent between the Dashboard and the Temperature page.** The Temperature page updates at a different rate than the temperature on the Dashboard. Both will update to the same temperature within one minute.
- ◆ **Reboot time may take longer when Infinity C is in a critical state (e.g., if the RAID array is rebuilding).** The time it takes for Infinity C to reboot is longer when it is in a critical state than when it is in an optimal state.
- ◆ **When Infinity C is set to Japanese locale, it may display question marks when hovering over Windows system time.** Manually setting the format to English format and then back to Japanese will refresh Infinity C and display the appropriate kanji characters.
 1. Open the Start menu and click Control Panel.
 2. Click Regional and Language Options.
 3. Select English Format.
 4. Select Japanese Format.
 5. Click the Apply button.
- ◆ **The Configurator does not detect problems with IP, subnet, or gateway addresses.** If a user enters an incorrect IP, subnet, or gateway address (e.g., 256.xxx.xxx.xxx) in the Configurator, there is no warning to the user that it is incorrect.
- ◆ **Opening two instances of the Administration tool can cause errors.** Opening two Administration tools and then closing the second one can cause the first tool to go into a state in which making changes and saving them causes errors.
- ◆ **Infinity C cannot compress certain study types.** Infinity C will not compress Enhanced CT or Enhanced MR studies using lossy compression when the system is configured to compress incoming studies.

Technical Support

If problems occur during software installation, contact Codonics Technical Support between the hours of 8:30AM and 5:30PM EST (weekends and U.S. holidays excluded).

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Get it all with just one call
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