

# Codonics Infinity LX Operating Software

---

### Version 1.1.0 Release Notes

#### Summary

Version 1.1.0 software is the initial software release for the Codonics Infinity™ LX Medical Image Server. The software is compatible with all Infinity LX systems.

The Infinity LX 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 LX 1.1.0 software that are likely to be experienced by most users.

- ◆ **The Login dialog box is delayed for Remote Desktop Connection.** When a user first opens Remote Desktop Connection for Infinity LX, 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 LX 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.
- ◆ **The System Status tool page is no longer visible when clicking on the Codonics website link.** The link to the Codonics website, [www.codonics.com](http://www.codonics.com), in the System Status tool will navigate away from System Status tool page instead of opening up a new page. To display the System Status tool, either relaunch the tool or click the Back button.
- ◆ **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 LX 1.1.0 software that are unlikely to be experienced by most users.

- ◆ **Infinity LX 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 LX.
- ◆ **Infinity LX 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 LX.
- ◆ **The Infinity LX beeping and muting capability:**
  - ◆ If a power supply fails, the system will beep. The beep is muted by pressing the Mute button on the front panel.
  - ◆ If a fan fails or is removed, the system will beep. The beep is muted by pressing the Mute button and then releasing it.
  - ◆ If there is an issue with the RAID card, the system will beep. The beep can only be muted after Infinity LX 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 LX to a Codonics-recommended Uninterruptible Power Supply (UPS) and minimize the number of times Infinity LX is hard powered down.
- ◆ **Audit logs are not fully enabled as a default setting.** Audit logging must be enabled from the Infinity LX Administration tool.

- ◆ **When using Firefox 2 and Firefox 3, the Infinity LX Dashboard will be cut off and unscrollable when the window width is too small.** To prevent this condition, make the browser window wide enough to show the entire Dashboard.
- ◆ **The software will not automatically change the hostname even if a new hostname is in the network profile.** To manually change the hostname:
  1. Open, the Start menu.
  2. Right-click My Computer and click Properties.
  3. On the Computer Name tab in the System Properties window, click the Change button.
  4. Enter the hostname in the Computer Name field, then click the OK button.
  5. Click the OK button to close the System Properties window.
- ◆ **If a single drive fails and then the hot spare drive also fails while rebuilding the RAID, the RAID will go into a degraded state until the hot spare is replaced.** Replacing the failed single drive alone will not rebuild the RAID. Replace both the hot spare and failed hard drive to properly rebuild the RAID. Once the hot spare completes the rebuild, it will copyback the data to the replacement drive and the system will return to normal performance.
- ◆ **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 LX, 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 LX.
- ◆ **In the Infinity LX 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.
- ◆ **Copyback time on the Infinity LX may exceed eight hours.** If a drive fails, the hot spare will automatically rebuild the RAID array. Once the hot spare has rebuilt the RAID array and the failed drive is replaced, the hot spare will copyback the data to the new drive.
- ◆ **System shutdown will not occur if DICOM settings are not saved and the Infinity LX Administration tool remains open.** A user should save their settings and close the Administration tool.
- ◆ **System shutdown will not occur if studies are opened for viewing in the Infinity LX Study Manager.**
- ◆ **Deleting a study using the Infinity LX 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 LX is in a critical state (e.g., if the RAID array is rebuilding).** The time it takes for Infinity LX to reboot on a full database is longer when it is in a degraded state than when it is in an optimal state.
- ◆ **When Infinity LX 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 LX 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 LX cannot compress certain study types.** Infinity LX 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).

Phone: 440-243-1198

e-mail: [support@codonics.com](mailto:support@codonics.com)

Website: [www.codonics.com](http://www.codonics.com)

*Get it all with just one call*  
**1-800-444-1198**



17991 Englewood Drive  
Middleburg Heights, OH 44130 USA  
(440) 243-1198  
(440) 243-1334 Fax  
Email [info@codonics.com](mailto:info@codonics.com)  
[www.codonics.com](http://www.codonics.com)

Codonics Limited KK  
New Shibaura Bldg. F1  
1-3-11, Shibaura  
Minato-ku, Tokyo, 105-0023 JAPAN  
Phone: 81-3-5730-2297  
Fax: 81-3-5730-2295

All registered and unregistered trademarks are the property of their respective owners. Specifications subject to change without notice. Patents pending.

Copyright © 2008 Codonics, Inc. Printed in the U.S.A. Part No. 901-190-002.04