

# Codonics® SLS 500i® Operating Software

## Release Notes

### Version 2.3.0 SLS 500i Release Notes

#### Summary

Version 2.3.0 software is a software release for the Codonics Safe Label System® (SLS) 500i Point of Care Station (PCS). The 2.3.0 Administration Tool (AT) software must be used with the 2.3.0 SLS PCS software. SLS PCS does not support software downgrades to previous software versions.

As of this release, this version of software is considered the most current, stable, safe and effective version for SLS PCS.

This document provides information about New Features (i.e., Adaptive Updates), Product Improvements (i.e., Perfective Updates) and Product Corrections (i.e., Corrective Updates) in 2.3.0 SLS PCS software.

**WARNING:** The use of label colors is intended only as an aid in the identification of drug groups and does not absolve the user from the duty of reading the label and correctly identifying the drug prior to use.

#### New Features

- ◆ SLS software provides capability to receive a list of approved SLS Users. This allows control over which users have access to SLS. Refer to Centralized User Management Technical Brief 901-284-001 for details.
- ◆ 2.3.0 SLS software provides capability to scan a drug container on SLS PCS and automatically decrement the inventory on the Pyxis Anesthesia system 4000. Refer to SLS 500i/Pyxis Anesthesia system 4000 Common Scan Technical Brief Part Number 901-283-002 for details.

**Note:** SLS/Pyxis Common Scan requires a feature key on SLS PCS and a special communication cable. Contact your Codonics Sales Representative to obtain the proper key and cable.

- ◆ SLS software provides capability for making multiple copies of syringe labels from a single scan. This feature allows a user in the operating room to produce multiple (up to 9) copies of the original label. Refer to Batch and Copy Modes Technical Brief 901-268-003 for details.

**Note:** Copy Mode requires a feature key on SLS PCS. Contact your Codonics Sales Representative to obtain the proper key.

- ◆ A new label template, EHR-1, is provided for future integration improvements between SLS-produced syringes and EHR systems. When scanned, the new label's barcode provides the 10-digit NDC to an EHR system (e.g., EPIC Intra-op AIMS). The label template is selected in the AT and the label looks like:



#### Product Improvements

- ◆ SLS integration with Omnicell Anesthesia Workstation can now be configured with Common Login enabled but without Common Scan enabled. For sites that use My Kits and are concerned about double decrementing of inventory, they can enable use of Common Login without having Common Scan enabled. Refer to 2.3.0 AT Release Notes 901-245-023 for Configuration details.
- ◆ Employee ID was changed to User ID on the SLS User Interface.



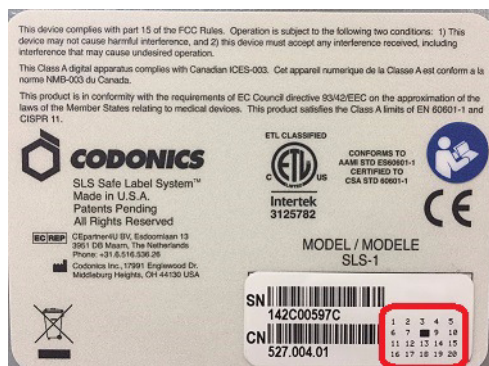
- ◆ SLS labels can now be configured to print Beyond Use Date (i.e., BUD) or Expiration Date. Refer to 2.3.0 AT Release Notes 901-245-023 for Configuration details. See below for a label example.



- ◆ The operating software includes security updates. Refer to Codonics IT Resource Guide 900-653-007 for details.

### Product Corrections

- ◆ Previously if using large labels (80mm x 30 mm) with the updated SLS PCS, there could be smearing on the label. During the last third of a roll, the labels could curl to the point where the last part printed on the label could smear. A design modification was implemented with the updated SLS PCS and large labels can now be printed without smearing. SLS PCS with serial numbers higher than 142C00686C or with mod 8 blacked out on the manufacturer label include this correction.



- ◆ SLS PCS occasionally produced prints which were distorted to be much wider than the label. This no longer occurs.
- ◆ Administer Mode (AM) could produce a Drug Not Found (DNF) after producing a syringe label on SLS PCS. Previously if alpha characters were used in the drug code (e.g., 12345678AA) and were capitalized when using Other Mode for NDCs, they would correctly print a syringe label. However, when scanned for AM, SLS PCS would display it as a DNF. If the alpha characters were lower case (e.g., 1234578aa), AM would work properly. Now, whether upper or lower case characters are used, AM works correctly.
- ◆ The tracking database archive no longer floods the logs.
- ◆ Adjusting the volume after a reboot previously had a loud beep. This no longer occurs.
- ◆ AM scans are now consistent with container scans. Now when a new container is scanned, it will override any active AM dialog. The SLS PCS will cancel AM and proceed with the new container scan, unless the scan is the same exact barcode that activated the current AM dialog. In that case, where it is the same exact barcode, the SLS PCS will ignore the scan and continue the AM dialog message. Error dialogs shown during AM are not dismissible by scanning. Users have to manually dismiss AM error dialogs.

- ◆ Using a small label template pack with Batch Mode configured with a second preparer's initials now works correctly. Previously, a label preview failed to generate and an error was displayed.

- ◆ The Edimax wireless driver was updated to enhance connectivity on Cisco networks. There were certain situations when using Edimax WiFi adapters that SLS PCS would drop off the network and not reconnect. The updated driver corrects the issue.

### Known Common Issues

This section details common issues with updated SLS PCSs that are likely to be experienced by most users. These issues are specific to the current release; previous issues can be found in previous Release Notes. None of the issues included in the document are considered to render the product unsafe or ineffective for clinical use.

- ◆ Pressing the Load button does not cut labels on the updated SLS PCS. When pressing the Load button, the unit will feed media forward but does not cut it when the door is closed. Once a subsequent syringe label is printed, the unit will eject the printed syringe label attached to a blank label from pressing the Load button. When the Load button is pressed on SLS PCSs with serial numbers 140C and 141C, the unit will feed media forward. When the door is closed, it will cut a label.

### Known Uncommon Issues

This section details uncommon issues with updated SLS PCSs that are unlikely to be experienced by most users. These issues are specific to the current release; previous issues can be found in previous Release Notes. None of the issues included in the document are considered to render the product unsafe or ineffective for clinical use.

- ◆ SLS PCS may not immediately connect to 5 GHz WiFi. The SLS PCS will report Offline in the AT-Device Manager but after 5 minutes it will be connected and report as Ready.
- ◆ The screen saver does not dismiss when touching the screen after setting date/time forward. Plug a keyboard into the unit and press a key to dismiss the screensaver; the screen's operation will return to normal.
- ◆ For 2.1.1 through and including 2.1.3 SLS software releases, SLS cannot connect to hidden (i.e., nonbroadcasted) SSIDs on non-enterprise WiFi networks (e.g., WPA/WPA2). Upgrade to 2.2.0 or newer software for support.

### Technical Support

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

Phone: +1.440.243.1198  
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 Website: www.codonics.com

*Get it all with just one call*  
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