

# Codonics® Safe Label System® Operating Software

## Release Notes

### Version 2.5.0 SLS Release Notes

#### Summary

Version 2.5.0 software is a software release for the Codonics Safe Label System® (SLS) Point of Care Station (PCS). SLS PCS does not support software downgrades to previous software versions.

**NOTE:** The 2.5.0 Administration Tool (AT) software must be used with the 2.5.0 SLS PCS software.

The 2.5.0 AT works with all 2.5.0 SLS PCSs simultaneously.

As of this release, SLS software version 2.5.0 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 2.5.0 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

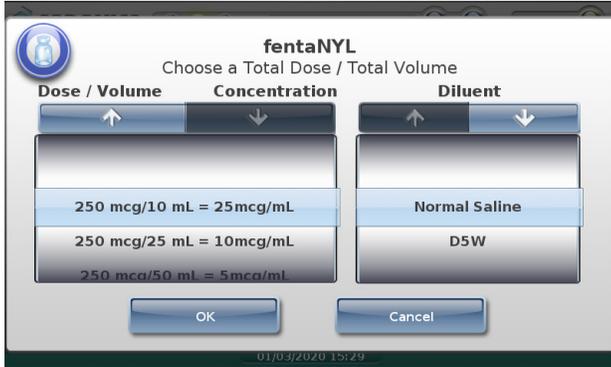
- ◆ **Drugs can now be configured to select a default dilution and/or diluent per drug.** This capability should reduce the number of taps on the SLS PCS user interface. The defaults are set per drug in the AT. Refer to Codonics Technical Brief 901-245-024 for setup and use instructions. An example of the SLS PCS user interface with Fentanyl default dilution of 5 mcg/mL and diluent of Normal Saline selected is shown below.



**NOTE:** The arrows are now grayed out when you can no longer scroll in a specific direction. As shown above, there can be additional options above and below on the wheel, so make sure to scroll to see all options.

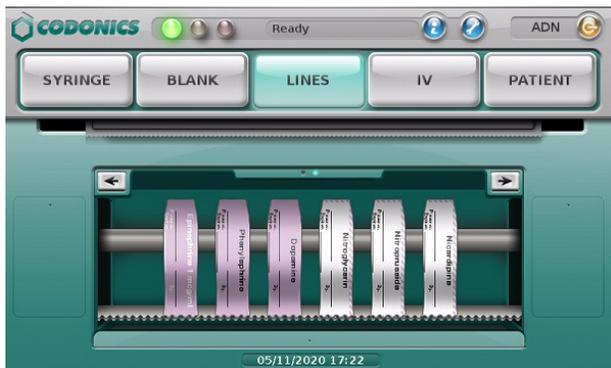
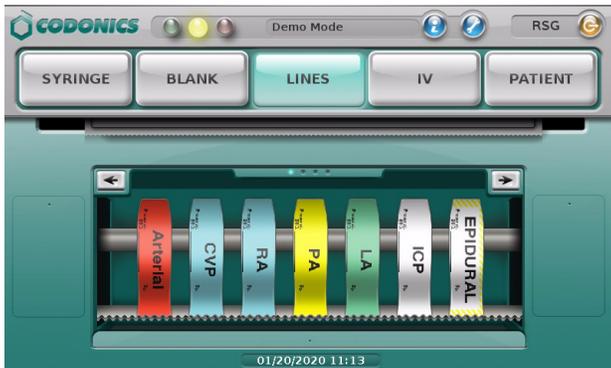
**NOTE:** The displayed sort order starting in 2.5.0 was changed to numeric (e.g., 1, 2, 3, 10, 20, 30) from alphabetically (e.g., 1, 10, 2, 20, 3, 30).

- ◆ **Drugs can now be configured to select a default Total Dose/Total Volume (TD/TV) and/or diluent per drug.** This capability should reduce the number of clicks on the SLS user interface. The defaults are set per drug in the AT. Refer to Codonics Technical Brief 901-245-024 for setup and use instructions. An example of the SLS user interface with Fentanyl default TD/TV of 25 mcg/mL and diluent of Normal Saline selected is shown below.

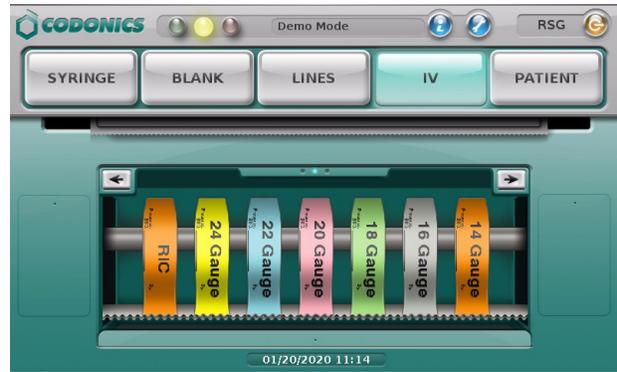


## Product Improvements

- ◆ **New Line Labels.** As shown below:



- ◆ **New IV Labels by default.** As shown below:



- ◆ **The SLS PCS can now be configured for a specified volume upon logoff.** This improvement allows a user to adjust the volume for their case but after logging-off, the SLS PCS will reset to a default volume based on the Reset Volume on Logoff setting in the AT. Refer to Codonics Technical Brief 901-245-024 for setup and use instructions.
- ◆ **A new work-around to disable 802.11ac for Edimax Wifi Adapters was provided.** In 2.4.0 SW, 802.11ac was able to be disabled via SLS service shell. Starting in 2.5.0, it can be disabled from the AT.

## Product Corrections

- ◆ **Button presses in the Utilities Panel were corrected.** For example, if you press the Print My Badge button, then press the Clean Nozzles button, the SLS PCS previously would print off a test print label. For example, SLS PCS previously locked up when the Adjust Label button was pressed immediately following the Clean Nozzles button in the Utilities menu.
- ◆ **If a PIN is required on an SLS PCS, selecting OK without entering a PIN will no longer login a user.** The SLS PCS will ask for a PIN, the user should enter a PIN, and the PIN the user enters will become the User's PIN for that SLS PCS .
- ◆ **SLS PCS consistently preserves SLS PCS Verifications after updating its formulary.** SLS PCS will now allow verifications that were performed on SLS PCS to be preserved after a formulary update, as long as the verified drug was not changed in the AT since the drug was verified.
- ◆ **All time zones now properly work.** Previously certain time zones (e.g., US/Eastern) did not always behave as expected on the SLS due to adjustment for daylight savings time.

- ◆ **Text background color on custom labels now work correctly with template packs.** Previously with STD-1, STD-2, and EHR-1 loaded on a system, custom labels with a text background color selected were not rendered or printed properly. In these cases, the label was treated as if it had no text background color selected at all.
- ◆ **Manually adding WPA2 PSK keys through the SLS PCS user interface would fail when the key contains a "\" in combination with certain letters.** This no longer occurs.

### **Known Common Issues**

This section details common issues with 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.

- ◆ **Administer Mode does not work with the EHR-1 syringe label barcode or the custom barcode for Cerner integration.** If you scan the barcode on SLS PCS, another syringe label with the same drug name and concentration will be produced.
- ◆ **Pressing the Load button does not cut labels on the updated SLS PCS (i.e., SLS PCSs with serial numbers starting with 142C).** 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.

- ◆ **User packages are not added to multiple update packages when using the Combine Packages feature.** Multiple update packages that contain the User package, and are installed over the network do install correctly. This issue only occurs when trying to use the Combine Packages feature and installing a multiple update via USB. If performing a USB install and requiring a User package update, you should create a multiple update package with formulary, configuration, and/or software packages and a separate User package. Include both the multiple update package and the separate User package on the USB and install them separately on SLS PCS.
- ◆ **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.
- ◆ **SLS PCS does not notify the user if a drug container's data matrix barcode has an invalid check digit.** All drug container's have to be verified in the AT and/or SLS PCS. Make sure you carefully review all the verification information before verifying the entry and printing a label.

### **Technical Support**

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

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