

### Version 2.4.0 Release Notes

#### Summary

Version 2.4.0 software provides a new product feature and improvements for the Codonics® Container Labeling System™ (CLS) found in Version 2.3.0.

CLS does not support software downgrades to previous software versions. CLS version 2.4.0 is compatible with version 2.0.6 of the CLS Data Importer.

**NOTE:** When upgrading from version 2.3.0 to version 2.4.0, please see the Container Labeling System Version 2.4.0 User's Manual regarding the procedures to preserve the existing data and information in your CLS database.

The Container Labeling System Version 2.4.0 User's Manual provides further information about the new product features described in this document and details general configuration and utilization information.

#### New Features

- ◆ **Barcode Parsing.** The software now enables the configuration of barcode parsing rules to support the identification of a drug by manufacturer code when the user scans an encoded barcode format on the manufacturer's drug box during the label generation and printing process.

**NOTE:** Barcode parsing rules are required with version 2.4.0. Please see the Container Labeling System Version 2.4.0 User's Manual for instructions and guidelines for configuration and utilization of the barcode parsing rules.

**NOTE:** The configuration of the barcode scanner utilized with your CLS software must be updated for use with barcode parsing rules. For DS9808 scanners, please see Tech Brief 901-448-003. For DS4208-HC scanners, please see Tech Brief 901-448-004.

#### Product Improvements

- ◆ **Drug 1 Name Length Increase.** The length of Drug 1 Name has been increased from 15 to 30 characters when Drug 2 Name is not entered.

- ◆ **64-bit Operating System Support.** Version 2.4.0 of the CLS software can be run on the Windows 7 64-bit (SP1) operating system software.

**NOTE:** The Container Labeling Software file set includes a separate set up executable for installing the CLS software to run and operate on a 64-bit system. As noted above, Windows 7 (SP1) is the supported operating system for 64-bit.

#### Known Common Issues

This section details common issues with the 2.4.0 CLS software that are likely to be experienced by most users.

- ◆ **The CLS operating software does not have an auto-logout function.** A user should ensure that they logoff from the CLS and/or have a password-protected Windows screensaver activated.
- ◆ **The CLS user interface does not have an indicator of depleted label stock in the printer.** A user should observe the level of label media through the transparent printer lid.
- ◆ **The CLS user interface does not have an indicator of a printer being disconnected.** A user should verify that the printer is online by observing a solid green LED display on the top face of the printer or viewing the printer's software status monitor.
- ◆ **Date formatting is only available as YYYY/MM/DD in the CLS user interface.**
- ◆ **CLS does not validate the printer selected when configured for use.** A user should verify that the printer selected for configuration and use is the intended Zebra® direct thermal GK420D desktop printer.
- ◆ **The CLS user interface does not display a message when a duplicate concentration value/unit or route is attempted to be entered by a user.**

#### Known Uncommon Issues

This section details uncommon issues with the 2.4.0 CLS software that are unlikely to be experienced by most users.

- ◆ **Printing combination drugs with long concentration values and units may cause the printing to be cut off.**  
The maximum available character lengths for both concentration values and units is an approximately 12 each (estimated 48 characters in total) for full display on the printed label media carriers. A user should ensure that the concentration values and units can be fully displayed by limiting the total lengths of each concentration value and unit by performing a print preview and/or print job.

**NOTE:** The CLS database has system-defined data for concentration values and units. The maximum length of all system-defined concentration values is seven characters. The maximum length of all system-defined concentration units is eleven characters.

**WARNING: More than one user can simultaneously open, change and save a configuration screen.**

The interface does not prevent two users from simultaneously opening the same configuration screen.

Changes by the first user to save the screen are saved to the database. However, when a second user makes and saves additional changes, those changes will overwrite the first user's changes without notification.

## **Technical Support**

Please contact Codonics Technical Support at any time.

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