

Codonics SLS Administration Tool Software

Release Notes

Version 1.7.0 SLS Administration Tool Release Notes

Summary

Version 1.7.0 is a software release for Codonics Safe Label System™ (SLS) Administration Tool (AT). The software is compatible with SLS 500i™ Point of Care Stations (PCS) installed with 1.7.0 software.

This document provides information about new product features, improvements and defects corrected in 1.7.0 SLS AT software. The SLS AT User's Manual version 1.3.0 provides further information about the AT.

Recommended PC requirements for AT:

Intel Core™ 2 Duo Processor 2.66 GHz (or faster)
4 GB RAM
Windows® XP or newer (not Windows 8)
Internet Explorer (IE8 or newer)
Excel 2003 or greater to open reports

New Features

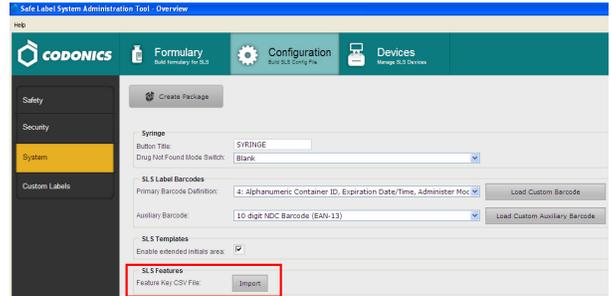
- ◆ **Feature keys can be installed (and removed) on SLS PCSs over the network.** This is done through the Configuration tab of the AT.

1. Prepare a CSV file using Excel or a text editor. The file can be saved as a .csv or .txt file.

NOTE: The format needed in the CSV is <License Code>, <Serial Number>, <Feature Number>, <Feature Name>, <Start Date>, <Duration>, <Key>. Contact Codonics Technical Support for this information.

The system will also support removal of a key by giving it XX0000000000, where XX is the 2-digit key number.

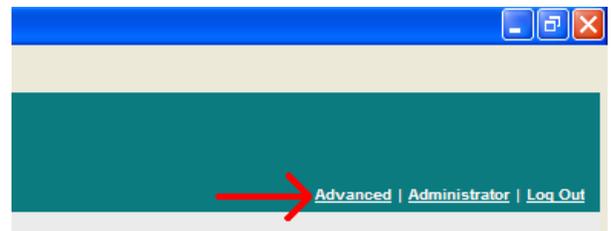
2. Import feature keys from a CSV by selecting Import (see below) and browsing to the location where you stored the CSV file created in step 1.



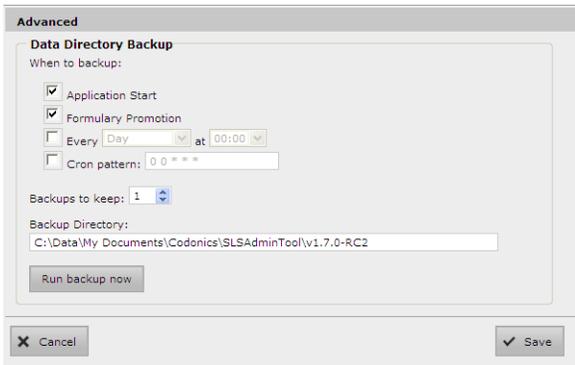
3. Create a Configuration Package as defined in the SLS AT Users Manual (Codonics Part Number 905-063-030).
4. Install the Configuration Package from the AT over the network as defined in the SLS AT Users Manual. The feature keys will be included and properly installed or removed on each SLS PCS.

- ◆ **The AT data directory can be backed up manually (i.e., Run Backup Now) or automatically (i.e., scheduled).** The backup functionality is accessed through the new Advanced link on the main AT screen.

1. Click on Advanced which is found in the upper right hand corner of the main AT screen.



- The Advanced screen will open with the Data Directory Backup information displayed.



- By default, the Data Directory will be backed up every time the AT starts and when a formulary is promoted. In addition, a user can schedule automatically a backup by checking the Every box and selecting the day and time. Users can select how many backups to keep and where they want the backup directory to be stored. By default the Data Directory is backed up to the same location where the AT directory was created (e.g., C:\Data\My Documents\Codonics\SLSAdminTool\v1.7.0), but can also be backed-up to locations such as a network drive.

NOTE: Contact your IT administrator for correctly setting up the Cron pattern.

NOTE: A back up will not occur, if the AT is not open and running.

NOTE: If the backup fails, there is a warning that will be displayed in the Advanced tab and can be found in the AT logs.

- Users can also manually backup the AT data directory by clicking on Run Backup Now.

- The ability to scan a Container ID (CID) and search the Master Drug Database (MDD) or formulary is supported.

- Click on the magnifying glass/barcode icon in the MDD (or formulary).



- A Scan to Search for Drug dialog box will be displayed.



- Scan a container barcode. The CID will be displayed in the search field and if the CID is in the MDD (or formulary), the individual entry will be displayed.



- You can also search on multiple phrases with AND or OR statements. For example, you can search for Lidocaine 0.005 g/mL by setting the search field to IS and search on Lidocaine AND 0.005.

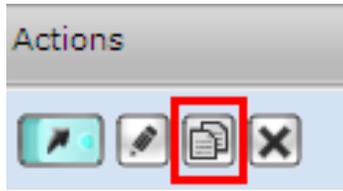
- The ability to select, double-click (to select a word) and triple-click (to select all words) in the search field information is supported. You can then right click and cut, copy, paste information already contained in the search field.

NOTE: The same scan to search functionality works in the formulary.

- The ability to copy a drug entry in the MDD is supported. This simplifies the process for adding a new drug entry to the MDD and formulary; for example, when there is a new supply source for an existing drug.

NOTE: A CID is needed when using the copy functionality.

1. Select an existing drug entry to copy, and then select the copy button which is available in the Actions column.



2. A Copying Master Drug dialog box will appear with all the information (i.e., Name, Tallman, Concentration(s) Route, Status) from the selected drug entry in step 1 except the Master ID (MID) and/or the CID. By default a Copy Formulary Settings box will be checked to automatically add the new drug entry to the formulary.

 A screenshot of the "Copying Master Drug" dialog box. The title bar reads "Copying Master Drug". There is a checkbox for "Combination Drug" which is unchecked. The form contains several fields: "Master ID:" with a text input "Enter 11 Digit ID"; "Container ID:" with a text input "Enter 10 Digit ID" and a "Scan Drug Container" button highlighted with a red box; "Name:" with a dropdown menu showing "Propofol"; "Tallman:" with a text input "Enter Tallman"; "Concentration:" with a dropdown menu showing "10", a unit dropdown showing "mg/mL", and buttons for "Select Number" and "Select Units"; "Route:" with a text input "Enter Route"; "Status:" with a dropdown menu showing "ACTIVE"; and a checked checkbox for "Copy Formulary Settings" highlighted with a red box. At the bottom, there are "Cancel" and "Save" buttons.

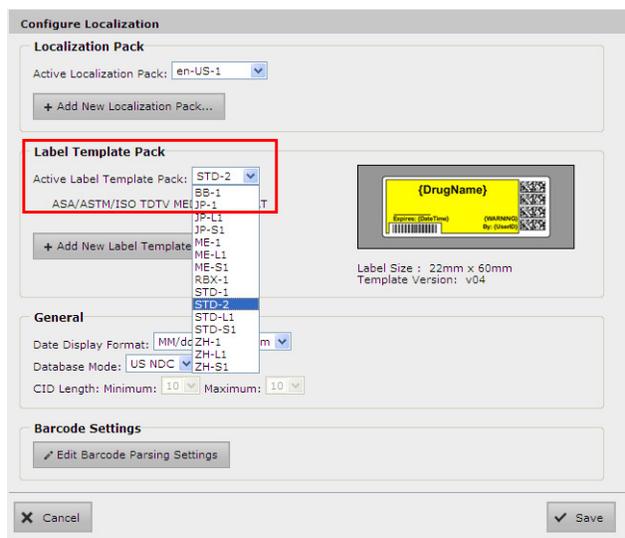
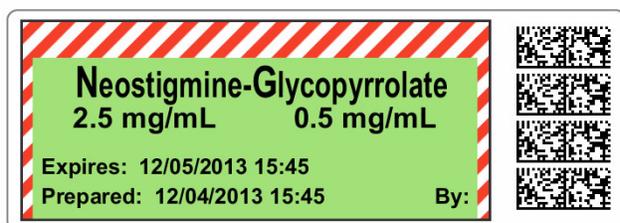
3. Enter the CID manually or by selecting Scan Drug Container and scanning the barcode.

4. Enter/change any additional information (e.g., Tallman, change concentration) that is needed.
5. Select Save.
6. A confirm Create Drug dialog box will appear. If the Copy Formulary Settings box was checked, when you select Yes in the Create Drug dialog box, a preview of the Edit Formulary Drug will be provided.

 A screenshot of the "Editing Formulary Drug(s) Propofol" dialog box. The title bar reads "Editing Formulary Drug(s) Propofol". At the top, there is a yellow preview of a drug label for "Propofol 10 mg/mL" with an expiration date of "Expires: 12/13/2013 23:03" and a barcode. Below the preview, there are several settings: "Template:" with a dropdown menu showing "Induction Agents"; "Message:" with a text input; "Audio:" with a dropdown menu showing "propofol.wav" and a "Play" button; "Expire Time:" with a dropdown menu showing "6" and "Hours"; "Dilution Status:" with a dropdown menu showing "Not Allowed"; "Preparation Method:" with a dropdown menu showing "Normal Dilutions"; and "Dilutions:" with an "Edit" button. At the bottom, there are "Cancel" and "Save" buttons.

7. Review all the settings for the drug. If all are correct, select Save. If there are formulary settings that need to be changed (e.g., Message), make the change and select Save. If the preview is not what you want, select Cancel and the system will be returned to the Copying Master Drug dialog box in the MDD (shown in step 2).

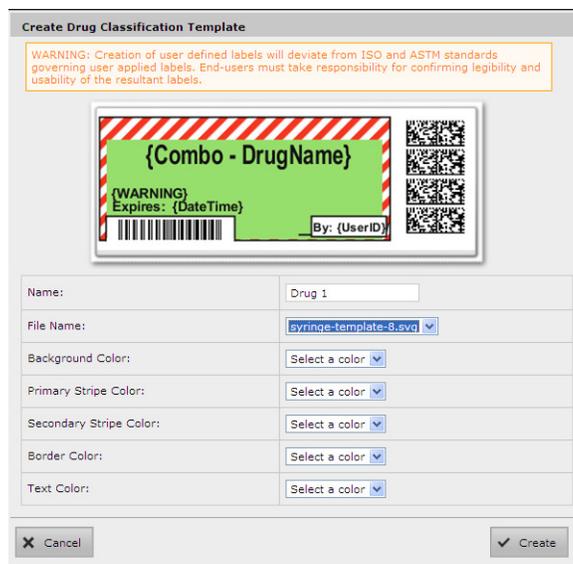
- ◆ The AT supports additional label template packs for small (ME-S1), standard (ME-1), and large labels (ME-L1). There are two new combination drug labels included. They are a Local Anesthetic with Narcotic combination drug and a Relaxant Antagonist with Anticholinergic Agent combination drug. A label sample of each is provided below. A new template pack is selected via the Label Template Pack in the Configure Localization screen of the AT.



- ◆ The AT supports a Japan label template pack for standard (JP-1) labels. A label sample is provided below. A new template pack is selected via the Label Template Pack in the Configure Localization screen of the AT.

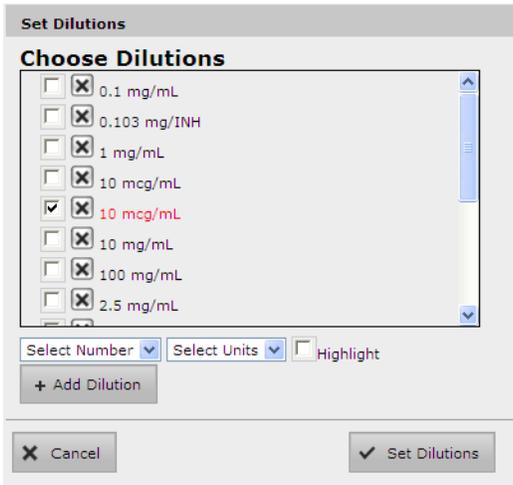


- ◆ ME-1, ME-S1 and ME-L1 template 8 (and template 7 in all other template packs) provides capability to change all the color fields. This is accomplished in the Create Drug Classification Template.

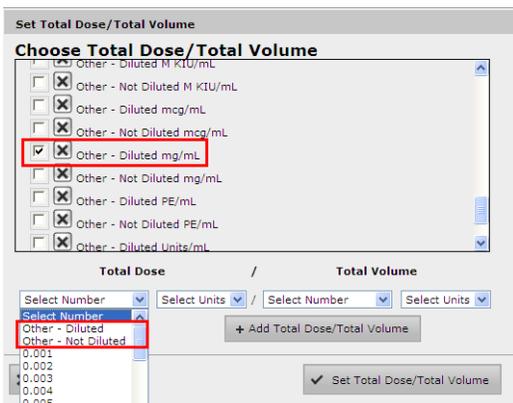


Product Improvements

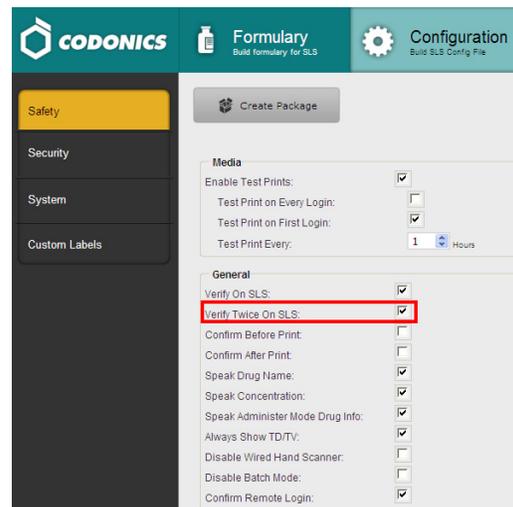
- ◆ The ability to highlight dilutions, similar to highlighting Total Dose/Total Volume (TD/TV), is now provided. If you want to have a dilution concentration highlighted, when creating a dilution in the Set Dilutions dialog box, check the Highlight box and then select Add Dilution. The highlighted dilution will be added to the Choose Dilutions options. Then check the box(es) if you want it as an option for the drug entered in the formulary and select Set Dilutions.



- ◆ The AT now provides two Other options for Total Dose/Total Volume; **Other - Diluted** and **Other - Not Diluted**. The capability allows a user to configure SLS PCS to automatically display a Total Dose/Total Volume (TD/TV) drug in cases where the drug is not diluted but Other is an option in the formulary. Previously for example, a scrolling wheel would be displayed on SLS PCS with both 5 mg/10 mL and Other (with None for diluents) and a user would have to select 5 mg/10mL if they didn't want Other. Now, if the formulary has TD/TV options of 5 mg/10 mL and Other - Diluted and if a user doesn't select the Dilute switch on SLS PCS, when they scan the vial, the drug label (no scrolling wheel) will automatically display on the screen with 5 mg/10 mL as the TD/TV and ready to print.



- ◆ The second verification screen on SLS (i.e., confirming the first verification screen with the question **Are You Sure?**) is now configurable and is set in the **Configuration** tab of the AT. By default, the second verification screen is checked. However, by unchecking the **Double-Check When Verifying On SLS** box, a SLS PCS user will only have one verification screen on SLS instead of also having the second, **Are You Sure?**, verification screen.



NOTE: All drug entries still need to be verified at least once. If the drug has not been verified in the AT, the first time it is scanned on SLS PCS, a verification will need to occur. The user will be prompted on SLS PCS via a dialog box to verify the drug name and concentration.

- ◆ **Refresh/Stop** buttons on top of AT were removed to prevent confusion. Clicking refresh would navigate back to MDD tab and clear network passwords without notice.
- ◆ **Administer Mode announcement on SLS PCS is now configurable.** By default, the announcement is set to on in the Configuration tab of the AT. If you do not want Administer Mode announced, then uncheck the box, create a configuration package, and deploy the package to SLS PCS.
- ◆ **Primary Barcode Compatibility report improvements** were made to make it easier for users to review the list. The list is now sorted by the Error Message as the primary key, so all the messages of a certain type are grouped together.

- ◆ **The AT and SLS PCS support new drug names.** The new drug names included are antithrombin III, balanced salt solution, bicitra, bivalirudin, bupivacaine spinal, dantrolene, dextran, eptifibatide, etidocaine, fospropofol, granisetron, indocyanine green, iothalamate, ioversol, levonordefrin, metronidazole, mineral oil, phentolamine, sodium tetradecyl, somatropin, sterile mineral oil, tenecteplase, thiamine, and thrombin.
- ◆ **The AT and SLS PCS support new concentration numbers.** The new numbers included are 0.48, 1.75, 65, 140, 251, 450, 650, 1050, 1250, 1750, 30000.
- ◆ **The AT and SLS PCS support new concentration units.** mL (i.e., milliliter) and L (i.e., Liter) were added to the MDD Concentration drop-down. The Set Total Dose/Total Volume dialog added mL and L as selectable options in the Total Dose drop-down. Dose and ea (i.e., each) were added as selectable options in the Total Volume drop-down.

Defects Corrected

- ◆ **Users are now able to edit a drug in the MDD when it's a different concentration unit than in the formulary.** Previously, a user would be able to set a concentration unit in the formulary to a different value than what was in the MDD (e.g. MDD had a value of g and formulary was set to mcg/mL for a reconstituted drug), but if they returned to the MDD to update the drug's concentration unit (e.g., change MDD to mcg/mL), the AT would not allow a change. In 1.7.0, the AT allows the user to edit the concentration of the drug in the MDD.
- ◆ **Dilutions and TD/TVs are now displayed immediately once you click Set TD/TV in the TD/TV screen or Set Dilutions in the Dilution screen.** Previously, dilutions and TD/TVs were not displayed until after the Edit Drug Screen was Saved.
- ◆ **The formulary report now properly documents changes involving the Undo button.** Previously, when a drug that was in the formulary and MDD was deleted from the MDD, and the Undo button was pressed, the drug would be restored to both the formulary and MDD. When the formulary was promoted and a formulary report was generated, the formulary changes worksheet of the report listed those drugs as being both deleted and added. Now, the formulary report does not report a change to the formulary.
- ◆ **A group edit now immediately updates the verification status of a drug.** Previously, if two drugs were in the MDD with the same name and one was verified, if you selected both and then group edited the drug name, the one verified would not be unverified until you switched to another part of the AT. Now, once the group edit occurs, the verified drug immediately becomes unverified.
- ◆ **Performing an edit to a verified drug but not making any changes to the entry in the MDD no longer results in the verification status of a drug being reset to unverified.**
- ◆ **Group editing drugs using TD/TV in the formulary is now properly set to TD/TV in the Dilution Status if their main concentrations don't match.** Previously if there were two drugs with the same name, different container ID and different main concentrations, when group editing them in the formulary, the Dilution Status would be set to Normal Dilutions. Now, it is set to TD/TV.
- ◆ **Drug entries with extraneous spaces in the CID (e.g., "12345 " can no longer be verified in the AT MDD.** Previously, for example, if a drug container was entered in the MDD with an extra space in the CID (e.g., "12345"), and its barcode was scanned for verification in the AT (e.g., barcode "12345"), the verification was successful. However, when scanning this container on the SLS PCS, a Drug Not Found message would be displayed.
- ◆ **Corrected an issue with sorting in the MDD.** Sorting on combination drug concentrations would sort by the first drug's concentration and ignore the second drug's concentration. This would cause incorrect sorting. The MDD now properly sorts combination drugs. For example, Lidocaine-Epinephrine will sort all the 1% and 1:100,000 together followed by all the 1% and 1:200,000.
- ◆ **When importing from a Lexicomp database, a drug's status field will be set to OBSOLETE in the MDD, if the drug's end of manufacture date is prior to the Lexicomp database creation date.** In addition, when importing into the AT via the Update action, the status field will not be updated if a drug in the AT is already edited, in the formulary or verified. Previously starting with 1.5.0 SW, all drugs were set to Active when imported.
- ◆ **The length of Title Text of existing Custom Labels can now be greater than 10 characters.** Previously, existing Title Text of Custom Labels (e.g. Propofol) could only be edited up to 10 characters.
- ◆ **The AT does not add unexpected drug(s) to the formulary.** Previously, there were certain unique conditions that could be created when a user switched between the MDD and formulary sections after using the search field. These conditions could lead to unexpected drugs (sometimes all drugs) being added to the formulary. Now, the AT correctly adds only the expected drug(s).

Known Common Issues

This section details common issues with 1.7.0 AT software that are likely to be experienced by most users.

- ◆ **WARNING: The formulary report does not sort duplicates.** Duplicate Container IDs in the formulary are reported but are displayed in a way that may not put the duplicates together. You can sort the Excel spreadsheet on Container ID.
- ◆ **WARNING: Replacing drug names with non-Latin characters (e.g., Kanji, Hebrew) causes duplicate drug entries in the MDD.** When the MDD screen is sorted by drug name, changing a drug name to start with a non-Latin character causes the drug to display twice. When the issue occurs, editing either duplicate drug entry on the MDD changes the other entry properly. Re-sorting the MDD list or refreshing the MDD by switching to another page in the AT and then back causes the drug name to only display once, sorted after the names that start with Latin characters. If the drug is already in the SLS PCS formulary, then the drug name will display with the changed characters in the formulary and will be listed only once.
- ◆ **WARNING: The pre-import report does not identify duplicate drug IDs when importing via a CSV.** You are required to run a formulary report before generating an approved formulary and should review the Duplicate reports in the Safety worksheet to make sure all duplicates or potential duplicates in the MDD and formulary are identified.
- ◆ **WARNING: A reinstall of the AT over the same, previous AT install doesn't work.** For example, if you install 1.7.0 AT and then try to reinstall 1.7.0 AT over top of the original install, the AT will not properly work. Contact Codonics Technical Support if there are questions.
- ◆ **Scanning a barcode on a label can be difficult or not possible if the barcode on the label doesn't have sufficient white space around the barcode.** For example, Heparin 5,000 units NDC 25021-402-10, Heparin 1,000 units NDC 25021-400-30, Heparin 1,000 units NDC 25021-400-10, and Penicillin 0781-6153-94 are vials which have difficulty scanning on SLS PCS.
- ◆ **An exception dialogue for allowing Java through the firewall may be displayed when first installing the 1.7.0 AT.** You should click Allow.
- ◆ **Using medium and large font sizes in Windows 7 distorts AT startup dialogs.** Parts of the dialog boxes will be cut off. You should use the small font sizes when using Windows 7.
- ◆ **The migration tool does not transfer custom drug classification templates.** The custom drug classification templates are erased and drugs in the formulary will have the drug template changed to None. You will need to recreate the custom templates and then edit those drugs with None.
- ◆ **The AT Device Manager system information window does not refresh while open.** In order to have the information screen update, close and reopen the window.
- ◆ **Saving and downloading a report will default to the location from previous versions of the AT.** When running a formulary report for the first time in a new version of the AT software and then clicking Download to save the file to disk, the AT will open the previous folder where reports were saved. You should clearly locate and name your reports for easy identification.
- ◆ **If a package transfer fails (e.g., Wi-Fi connection disconnects or Ethernet cable becomes unplugged during transfer), the AT Device Manager that sent the package will indicate Failed while any other AT Device Managers that are opened will indicate Transferring.** You can resend the same named package from the same AT Device Manager which originally sent the package only if the same AT session is running. If you have logged out of the AT that sent the package, refreshed the AT Device Manager, or opened the Device List again, you will need to cycle the power on SLS PCS to transfer a package.
- ◆ **The AT will stop working if the AT Device Manager is left open for greater than six hours when using Windows 7 with Internet Explorer 9 (IE9).** Do not leave the AT-DM open for extended periods of time (e.g., overnight) or when not in use. If the AT stops working, close the AT and then restart it.
- ◆ **If the AT is used on a PC with Internet Explorer 7 (IE7), the AT may exhibit slow performance if the AT is left open for multiple hours.** To correct the issue, close the AT application and restart it. No data should be lost because the AT updates as data is entered. For better performance results, install IE8 on the PC.
- ◆ **When using IE8, leaving the AT open and idle with the Pre-Import Results window displayed for more than 15 hours can cause the AT to lock up.** Leaving the AT open and idle for more than 15 hours in this case can lead to a blank Import Results window. The only way to exit is to click Discard and Confirm the discard.

- ◆ **Both the post-import user interface notification and the report shows the incorrect Total # of drugs with no changes that were skipped.** The number reported is actually the number of import operations being skipped. To confirm what was actually imported, you should look at the post-import report which shows exactly what was imported.
- ◆ **Importing 万単位 (i.e., man-tani) in the default (en-US) locale and then changing to the Japanese (ja-JP) locale causes the units to remain custom units.** There will be two man-tani units, the new one that is added by default and the custom unit that show up in the drop down. To prevent this from occurring, a user should first change to the Japanese locale and then import.
- ◆ **Searching for either the value (e.g., 0.2) or the units (mg/mL) of the concentration works as expected, but searching for both in the Formulary Manager does not return any results.**
- ◆ **Searching for the string 万単位 (i.e., man-tani) does not return any values, but a subset of man-tani (i.e., 万単) does search correctly.** You can also select a different identifier (e.g., drug name) to search.
- ◆ **Searching for PE or Unspecified will return all drugs in the MDD or formulary.** You should select a different identifier (e.g., drug name) to search.
- ◆ **Not all MDD fields are searchable.** Searching in the MDD on drug name (e.g., Propofol), Master IDs, Container IDs, Concentration values, or Tallman works as expected, but searching on Status (e.g., Active), Verification (e.g., verified) and Route (e.g., Intravenous) terms do not return any results.
- ◆ **Not all formulary fields are searchable.** Searching in the formulary on Master ID, Container ID, Drug Name (e.g., Propofol), Concentration values, Tallman, Template Name, Warnings, Dilutions, Audio or Audio2 values work as expected, but searching on Dilutions (e.g., Other), Expire Time (e.g., 24), Route (e.g., Intravenous), Verification level (e.g., verified), Dilution Status (e.g., Allowed), and Status (e.g., Active) values do not return any results. You should select a different search parameter or sort the column first to find the information.
- ◆ **Saving and downloading a report will default to the location from previous versions of the AT.** When running a formulary report the first time in a new version of the AT software and clicking Download to save the file to disk causes the AT to open the previous folder where reports were saved. You should clearly locate and name your reports for easy identification.
- ◆ **As dilutions are created in the Edit Formulary Drug user interface, they are saved to the group of available dilutions for all drugs.** All dilutions (e.g., 5 mg/mL, 1 mcg/mL, 1000 units) created in Edit Formulary Drug in the formulary remain as options to be selected for the next drug edited. You should scroll through the existing dilution options and check an existing box before creating new dilution entries.
- ◆ **Deleting a drug from MDD and then undoing the deletion clears TD/TV values to defaults in the formulary.** For example, if a drug is configured with TD/TV settings in the formulary, then deleted from the MDD, and then the undo button is selected, the drug is added back to the MDD and the formulary. However, the formulary will be set to the defaults (i.e., Dilution Status: Not Allowed, Preparation Method: Normal Dilutions, Dilutions: none, Total Dose /Total Volume: none).

Known Uncommon Issues

This section details uncommon issues with 1.7.0 AT software that are unlikely to be experienced by most users.

- ◆ **WARNING: Drug Dilution Status of Not Allowed allows dilutions (e.g., 5 mg/mL, 1 mg/mL) to be defined.** However, when trying to create a formulary package on the AT, the package will not be created and an error message will be displayed.
- ◆ **WARNING: Drug Dilution Status of Not Allowed allows dilutions of only Other to be used in creating a formulary package.** However, when the formulary is installed on SLS PCS, a dilution will not be allowed to occur for that drug when scanned.
- ◆ **WARNING: If a drug record is modified in the MDD after it has been added to the formulary, the AT does not automatically update the audio file association.** If the drug name is changed in the MDD, the associated audio file will not change, resulting in a possible incorrect association. As a work around, you can either remove and then add the drug to the formulary to trigger a new audio file association, or manually select the correct audio file from the formulary edit dialog box.
- ◆ **WARNING: A concentration length of greater than 15 characters is converted to an incorrect value in the MDD when imported.** For example, a number such as 12345678901234567890 is converted to 92,233,720,368,547.77.

- ◆ **WARNING: Combination drugs with long drug names do not display the second drug name.** Combination drugs with very long drug names only display the first drug name as truncated. There is no indication as to what the second drug name is. Users should look to modify the entry of the drug name (e.g. Calcium can be entered as Ca). Another option is to enter the drug name in the Tallman field of the AT which will reduce the font size.
- ◆ **The EAN-13 symbology is hidden from US NDC custom preset default view of the Configure Barcode Parsing window.** If you slide the grid line to the right, EAN-13 will appear.
- ◆ **If the computer that the AT is running on has its Windows temporary folder fill up, the AT will not start.** An error will occur when starting the AT. You should contact your system administrator and have them open the temp folder to determine which, if any, files can be deleted.
- ◆ **Test Print Every in the Configuration tab cannot be set to zero (i.e. 0).** If you want to disable Test Prints, uncheck Enable Test Prints in the Configuration tab, create a configuration package, and deploy it to SLS PCS's that require no test prints.
- ◆ **Entering a Master ID without any zero is accepted in the MDD.** When the database mode is US NDC, an 11-digit Master ID without any zero is accepted but cannot be mapped to a scanned 10-digit Container ID on SLS PCS (or the AT). Thus, you can define an invalid drug that will never be used and still successfully generate a formulary.
- ◆ **A valid Formulary Report will not be created if you don't select Open, Save or Cancel within three minutes after selecting Download.** If a corrupt Excel file is generated (indicated by an Excel error message), create a new formulary report in a timely manner.
- ◆ **The AT may experience errors or stop functioning if you perform consecutive imports without restarting the AT.** If a file or filter is between 10,000 and 50,000 entries, you need to restart the AT before importing the file or filter the second time. Contact Codonics Technical Support if there are questions.
- ◆ **The AT doesn't support consecutive imports of large files (i.e. > 50,000 entries) even when restarting the AT.** If you try consecutive imports of files or filters > 50,000 entries, the AT will not work the second time you try to import a file even if you restart the AT. It will display an error. Do not use a file this large. Contact Codonics Technical Support for support importing Oral drugs or for further questions.
- ◆ **An invalid barcode scan in Learn Mode does not provide information.** Occasionally, when an invalid barcode is scanned (e.g. one without an AIM code) in Learn mode, the window is simply dismissed and the focus is on the main screen again. There is no indication that the barcode is invalid or that the scanner needs to be configured properly.
- ◆ **Undo re-sorts MDD and formulary entries when the drugs are filtered or sorted on drug name.** For example, filtering on a list of fentanyl's, deleting one of the entries, then undoing it does not place the drug in the same location in the list as it was prior to being deleted.
- ◆ **In Japanese, group editing drugs in the Formulary Manager has some fields in English.** After selecting multiple drugs, the fields that are different will show on the label template as "{CONCENTRATION}" and "{NAME}" instead of a translated version of these fields.
- ◆ **Deleting drugs one at a time can cause an error contacting server message.** This occurs with large (35K+) MDDs and a message Confirm: Delete this drug from the Master Drug Database "undefined (undefined)" is also present. If you want to delete multiple drugs from the MDD, select all the drugs and then group delete them.
- ◆ **Group editing large numbers (e.g., 35K+) of drugs at once causes Error Contacting Server error.** Clear the error by clicking the X and then select a smaller number of drugs to group edit.
- ◆ **Unable to edit drugs in a formulary if there are > 100K drugs in a formulary.** If you try to edit a drug, an Error Contacting Server message appears.
- ◆ **Unable to create a formulary report in a formulary if there are > 64K drugs in formulary.** Excel 2003 does not support greater than 65,536 entries. The formulary report creation status bar will complete. However, the download button will be grayed out and a message Writing report data will appear in red in the formulary report creation dialog.
- ◆ **Not all drugs appear selected even though you selected a large group of drug entries and then scrolled through them.** After a large number of drugs in the AT are checked and highlighted, sometimes drugs load in a manner where every other drug is highlighted and a group of contiguous drugs is not checked if you scroll through the list. Scrolling up or down so that the list loads again resolves the issue.

- ◆ **Custom labels in the BLANK tab of the configuration manager can be deleted.** Deleting any of the default Custom labels is not recommended. If you accidentally delete all the Custom Blank Labels, contact Codonics Technical Support.
- ◆ **After shift clicking large amounts of drug entries (e.g., 25,000) in the MDD, some may look like they are unchecked when scrolling through the list.** If you select the first drug in the MDD and then scroll down and shift click at the bottom selecting 25,000 drugs in total, when scrolling up through the list, you may find some that appear not to be selected. Although it appears that they are not selected if you chose to Add to Formulary, all of the drugs would then be added to the formulary (e.g., 25,000).
- ◆ **Search for Other will not find drugs with Other as a valid dilution.** You should select a different search parameter or sort the dilutions column and scroll to find Other.
- ◆ **An error message can be caused by moving a custom label from one section (e.g., Lines) to another section (e.g., IV).** Close the error by selecting the X in the banner and then retry.
- ◆ **The AT will not accept csv files if the specified path contains an extension that is capitalized (e.g., CSV).** If this occurs, rename the file with the extension in lower case (e.g., csv).

Technical Support

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

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