

VersaSafe 2.7.0 Software Release Notes

Affected products VersaSafe

April 17, 2013

Version 1.0

Triton Systems of Delaware, LLC
21405 B Street
Long Beach, MS 39560
PHONE: (228) 868-1317
FAX: (228) 868-0437

| | |
|--|-----------|
| INTRODUCTION..... | 3 |
| PLATFORMS AFFECTED..... | 3 |
| HARDWARE SUPPORT | 3 |
| SOFTWARE REQUIREMENTS | 3 |
| EXTERNAL DEPENDENCIES | 3 |
| INSTALLATION NOTES | 4 |
| PRE-INSTALLATION..... | 4 |
| INSTALLATION | 4 |
| POST-INSTALLATION (CONFIGURATION)..... | 4 |
| DESCRIPTION OF CHANGES | 5 |
| CURRENCY SUPPORT..... | 5 |
| NEW VERSALINK FEATURES..... | 5 |
| ADDITIONAL VERSALINK RECORDS | 5 |
| JOURNAL AUDITING..... | 5 |
| BUNCH NOTE FEEDER STATUS..... | 6 |
| LANGUAGE SETTINGS | 7 |
| BILL ACCEPTOR SPECIFIC SETTINGS | 10 |
| AUTO DAY CLOSE DURING PICKUP CLOSE..... | 12 |
| INCREASED DEPOSIT SCREEN TIMEOUTS | 14 |
| CASSETTE SERIAL NUMBERS | 14 |
| <i>Bill Acceptor Close</i> | 14 |
| <i>Pickup Close</i> | 18 |
| DROP DEPOSIT ENVELOPE SERIAL NUMBERS | 21 |
| EMPLOYEE SCREEN OPTIONS | 25 |
| PING DOMAIN NAMES..... | 27 |
| DNS INFORMATION | 27 |
| VAULT DOOR BEHAVIOR..... | 27 |
| DESCRIPTION OF FIXES | 27 |
| SOME FILE NAMES GET CUT OFF IN BROWSE DIALOG | 27 |
| NO RECORDS SHOWN WHEN VIEWING SELECTED SHIFT CLOSE RECORDS | 28 |
| DATE-TIME CHANGE COULD CAUSE MISCALCULATION OF TOTALS | 28 |
| INCORRECT LANGUAGE ON RECEIPTS | 28 |
| PREVIEW SCREEN DOES NOT APPEAR..... | 28 |
| REVISION HISTORY | 29 |

Introduction

This document describes new functionality for the 2.7.0 software release for VersaSafe. The differences described are from version 2.4.4 SP 6.

Platforms Affected

Hardware Support

The following is a list of hardware supported by this software:

- Display: 5.7" Color VGA
- Keypad: Triton
- Cash Acceptor:
 - MEI AE2800
 - SC66 (L, XL, NL, NXL)
 - SC83 (L, XL, NL, NXL)
 - SC85 (L, XL, NL, NXL)
 - Bunch Note Feeder (BNF)
- Printer: Seiko 60mm USB Printer
- Communications: TCP/IP, TDL Gateway Modem
- Currency Support (Locale ID from configuration summary in parentheses):
 - US (0)
 - Australia (1)
 - Canada (2)
 - Mexico (3)
 - UK (4)
 - Chile (8)
 - India (9)
 - Jamaica (10)
 - New Zealand (11)
 - Cayman Islands (12)
 - Eurozone (13)

Note: Not all currencies are supported by all bill acceptor types.

Software Requirements

The following load files are included with this release:

- xd30dvsf2.7.0.tfv – VersaSafe 2.7.0 Installer

External Dependencies

The following are external dependencies:

- Triton Connect 5.3

Installation Notes

Pre-Installation

Before updating from 2.4.4, some steps must be taken on the currently installed software to ensure a smooth migration to 2.7.0.

1. Perform all necessary closes (*Main Menu >Terminal Close Functions*)
2. Save parameters to USB drive (*Management > Main Menu >Terminal Status > Save Parameters to External Storage*)

If not using VersaLink, skip to step 5:

3. Perform a test connection (*Main Menu >Terminal Configuration > Communication > Test Host Connection*)
4. Make sure the test connection succeeds, this will ensure your journals are synchronized with VersaLink
5. Clear the journal (*Main Menu >Electronic Journal > Clear Journal*)
6. Archive the journal (14 days prior to current date) (*Main Menu >Electronic Journal >Archive/Delete Journal*)

Installation

1. Load xd30dvsf2.7.0.tfv onto USB drive
2. Perform software update with file (*Main Menu > System Parameters > Software Update*)
3. Terminal will restart, install the software, and start up

Post-Installation (Configuration)

1. Enter management
2. Choose country specific settings file
3. Configure Ethernet settings
 - a. TDL Gateway (*Main Menu >Diagnostics > TCP/IP Wireless*)
 - b. No TDL Gateway (*Main Menu >Diagnostics > Configure Ethernet Settings*)

If parameters were saved:

1. Restore parameters (*Main Menu >Terminal Status >Restore Parameters from External Storage*)
2. Some default settings may have been overwritten by restoring parameters and need to be changed manually if so:
 - a. *Menu >Terminal Configuration > Communication*
Host Address: sckt.versasafe.com
Host IP Port: 5432
 - b. *Menu > Electronic Journal > Auto Archive*
Archive when journal size exceeds: 4 MB
Archive all audited records older than: 30 days
3. Restart terminal for country settings to take effect (*Main Menu > System Parameters > Restart Terminal*)

If parameters were not saved or new install:

1. Setup terminal parameters
2. Setup management users
3. Setup VersaSafe users
4. Restart terminal for country settings to take effect (*Main Menu > System Parameters > Restart Terminal*)

If using VersaLink, perform a test connection (*Main Menu > Terminal Configuration > Communication > Test Host Connection*) to ensure there are no connectivity issues.

Description of Changes

Currency Support

This software release adds support for the following currencies:

- New Zealand
- Cayman Islands
- Eurozone

New VersaLink Features

This software release contains support for additional features for VersaLink:

1. Remote Shift Close
2. Remote Day Close
3. Remote Status Retrieval
4. Remote Configuration Summary Retrieval
5. Remote Software Update
6. Remote VersaSafe Users Retrieval
7. Remote Add VersaSafe User
8. Remote Remove VersaSafe User
9. Remote Reset VersaSafe User PIN
10. Remote Enable VersaSafe User
11. Remote Disable VersaSafe User
12. Remote Terminal Restart
13. Remote Date-Time Synchronize

Additional VersaLink Records

This software release will send Text Records and Parameter Change Records in addition to those already supported. These records will only be sent when requested by VersaLink and not in real time.

Journal Auditing

This software release will audit any record that is successfully sent to VersaLink. This will allow the terminal to only send records that have not been sent to VersaLink if requested.

NOTE: Triton Connect Journal upload and VersaLink should not be enabled simultaneously since both use the same flag to determine what records have been sent.

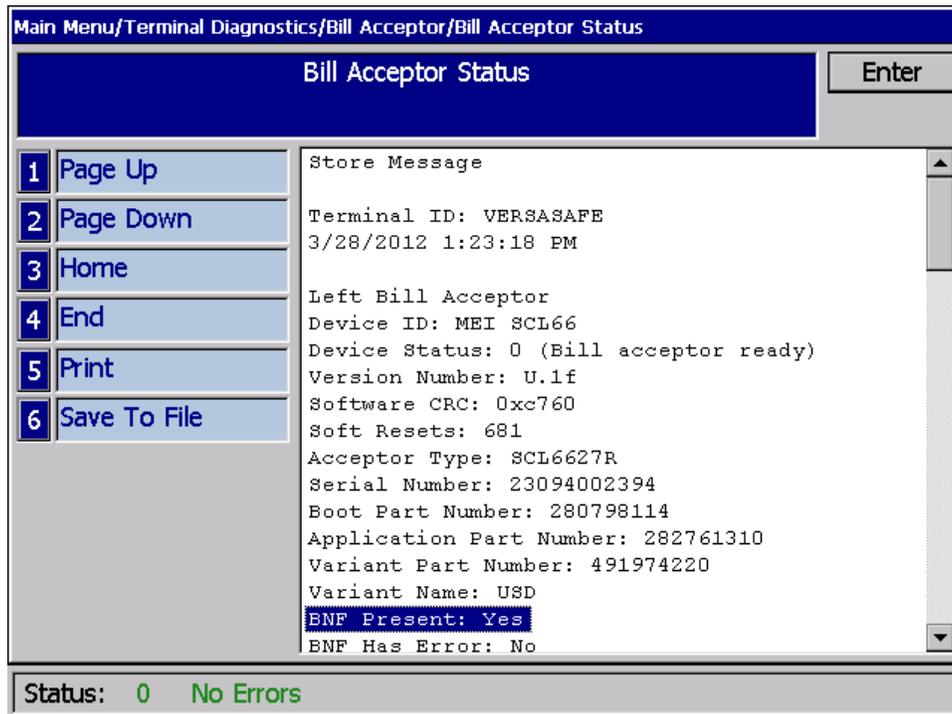
NOTE: If VersaLink is enabled, records should not be manually audited in management functions (Clear Journal, View Unaudited Records). Doing so will cause any manually audited records to not get sent to VersaLink.

Bunch Note Feeder Status

This software release will show Bunch Note Feeder information in addition to the information already shown in *Main Menu > Diagnostics > Bill Acceptor > Bill Acceptor Status*.

If the device supports a Bunch Note Feeder, a “BNF Present” status will be shown to indicate whether or not a BNF is attached. “Yes” will be shown if a BNF is attached and “No” will be shown if not.

A “BNF Has Error” status will be shown to indicate whether or not the BNF has an error. If a BNF is not attached, the “BNF Has Error” status will not be shown. “Yes” will be shown if the BNF has an error and “No” will be shown if not.



During check status, the BNF status will be checked (if installed). If the BNF has an error, a warning will be shown on the main user entry screen.



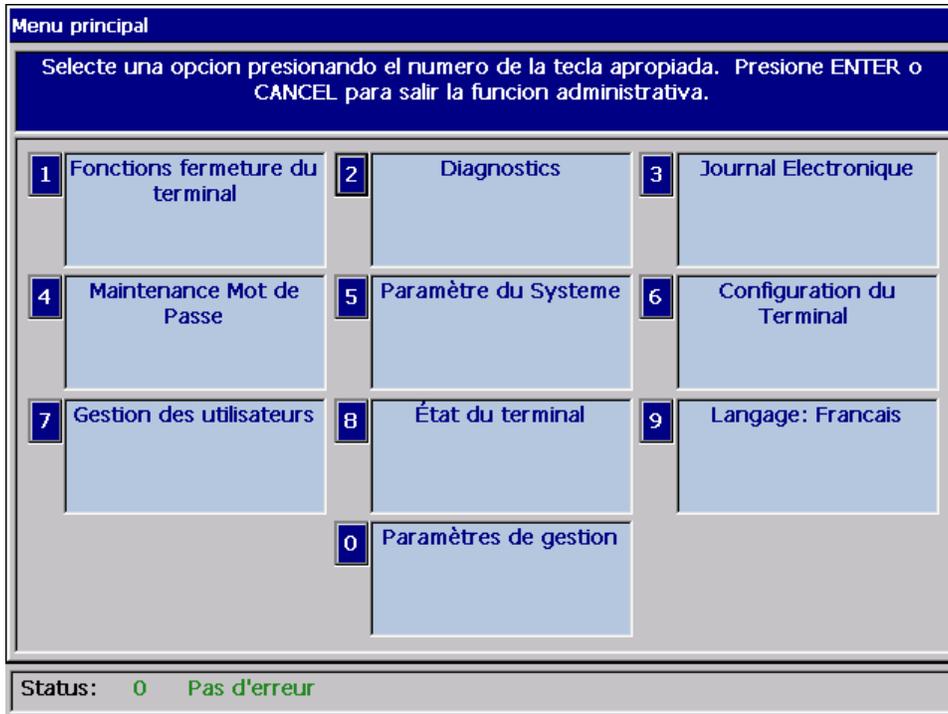
If communications are enabled, an alarm will also be sent to VersaLink indicating the error. A new error code will be added for a BNF error.

809 – BNF Has Error

Language Settings

This software release supports French in addition to English and Spanish.

To use French in management functions, the language option on the main menu must be changed.



Due to the increased lengths of the French strings, the font size used in management functions will be reduced from 18 point to 14 point. This will only take effect if the French language option is selected. If the user changes back to English or Spanish, the font size will change back to 18 point.

To set the default language to French for the user screens, the language option in *Main Menu > General Parameters* must be changed.

Main Menu/Terminal Configuration/General Parameters

1 Terminal ID: Enter

2 Zip Code: Cancel

3 Reset Sequence No.

4 Reset Report Sequence No. 0 Language: ▾

Printer Settings

5 Out of Service on Low Paper

6 Out of Service on Printer Error

Monitoring

7 Heartbeat Message

8 Heartbeat Delay Period:

9 Time Specific Heartbeat

Status: 0 No Errors

The language selection screen will include a French option in addition to English and Spanish.

VersaSafe™

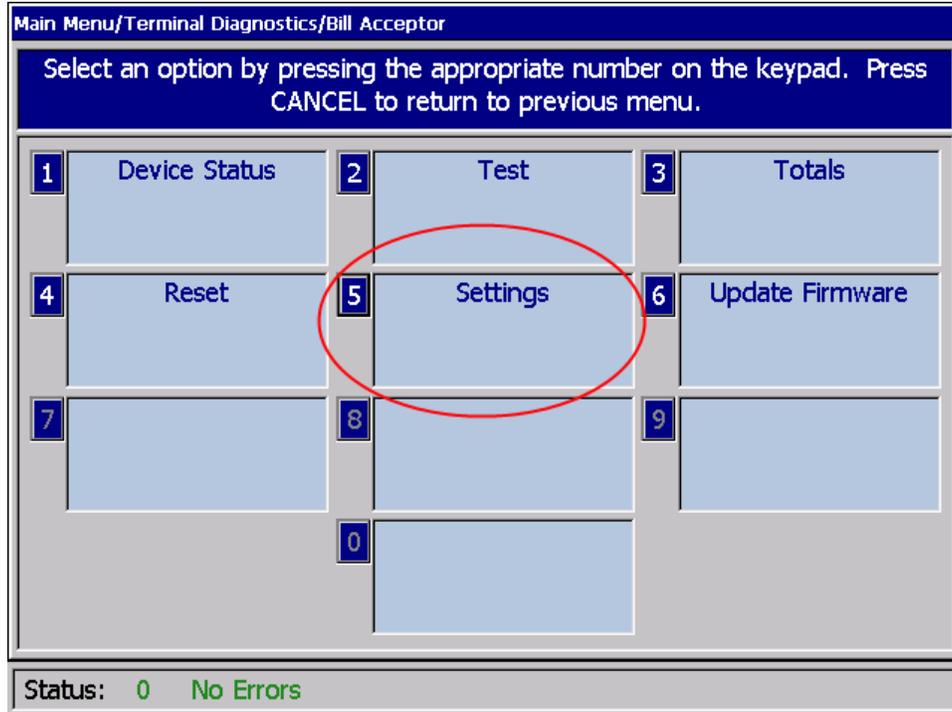
Seleccione idioma deseado. **Español**

Select desired language. **English**

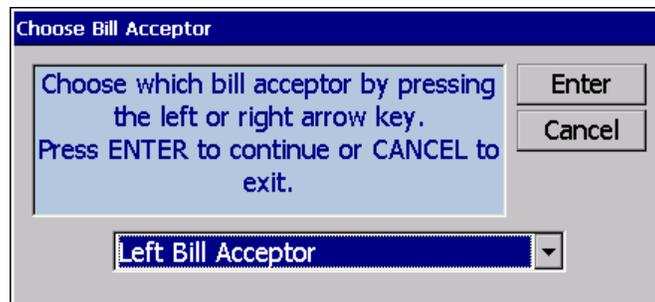
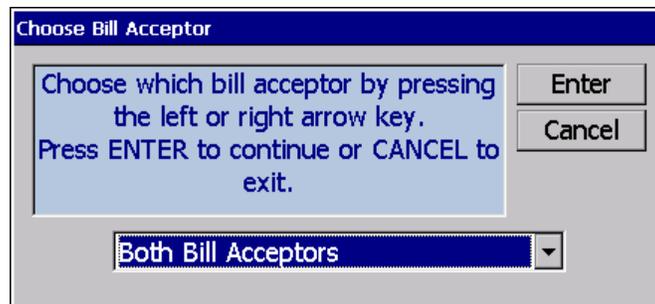
Choisissez le langage désiré. **Français**

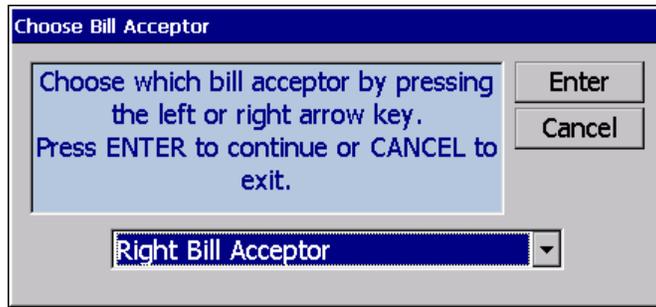
Bill Acceptor Specific Settings

This software release will allow the customer to configure each bill acceptor individually. When the “Settings” button is pressed on the *Main Menu > Terminal Diagnostics > Bill Acceptor* menu, the user will be prompted to choose the bill acceptor he/she wants to configure.



The choices will be “Both Bill Acceptors”, “Left Bill Acceptor” and “Right Bill Acceptor”. “Both Bill Acceptors” will be selected by default.





Once the bill acceptor is chosen, the same Settings menu will be shown as before, except the settings will be specific to the chosen bill acceptor. The bill acceptor being configured will be shown in the title bar.



When enter is pressed, the settings will be applied. The journal record logging the change will reflect the bill acceptor chosen.

```
*** Printing Journal Data ***

5/16/2012 10:02:53 AM
Username: Master (00)
Parameter Change: Left Bill Acceptor Denom7 Enabled
  Old: Enabled
  New: Disabled

5/16/2012 10:02:53 AM
Username: Master (00)
Parameter Change: Left Bill Acceptor Near Full Threshold
  Old: 50
  New: 100

5/16/2012 10:02:53 AM
Username: Master (00)
Parameter Change: Right Bill Acceptor Denom7 Enabled
  Old: Enabled
  New: Disabled

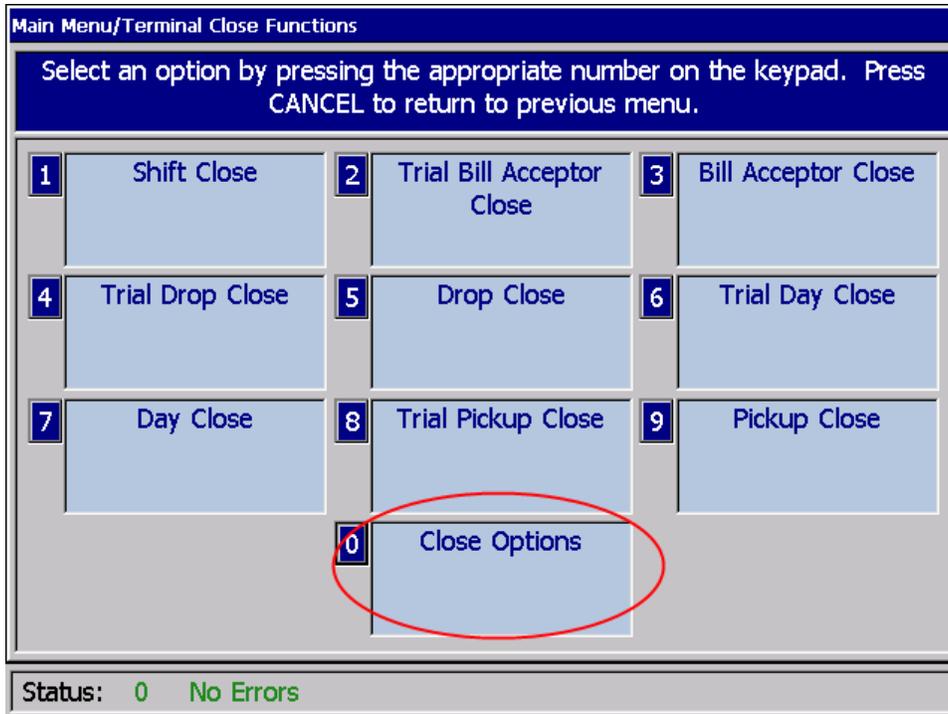
5/16/2012 10:02:54 AM
Username: Master (00)
Parameter Change: Right Bill Acceptor Near Full Threshold
  Old: 50
  New: 100

*** End Journal Print ***
```

Auto Day Close During Pickup Close

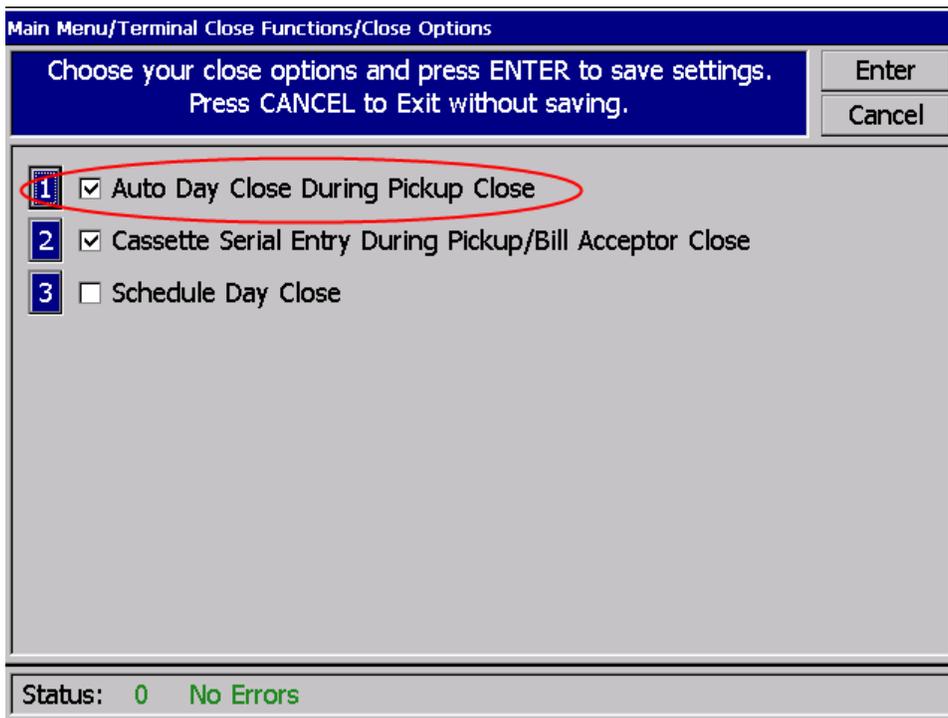
This software release will include an option to allow a day close to be performed during a pickup close.

A “Close Options” item will replace the “Schedule Close” item on the *Main Menu >Terminal Close Functions* Menu.



New close specific options will be available in this menu.

An “Auto Day Close During Pickup” option will be part of the new *Main Menu > Terminal Close Functions > Close Options* management menu.



Button 1 will enable or disable the option. If the option is enabled, a day close will automatically be performed when a pickup close is performed and be sent to VersaLink if communications are enabled.

NOTE: This day close will not affect the scheduled day close if enabled.

NOTE: This option will be ENABLED by default.

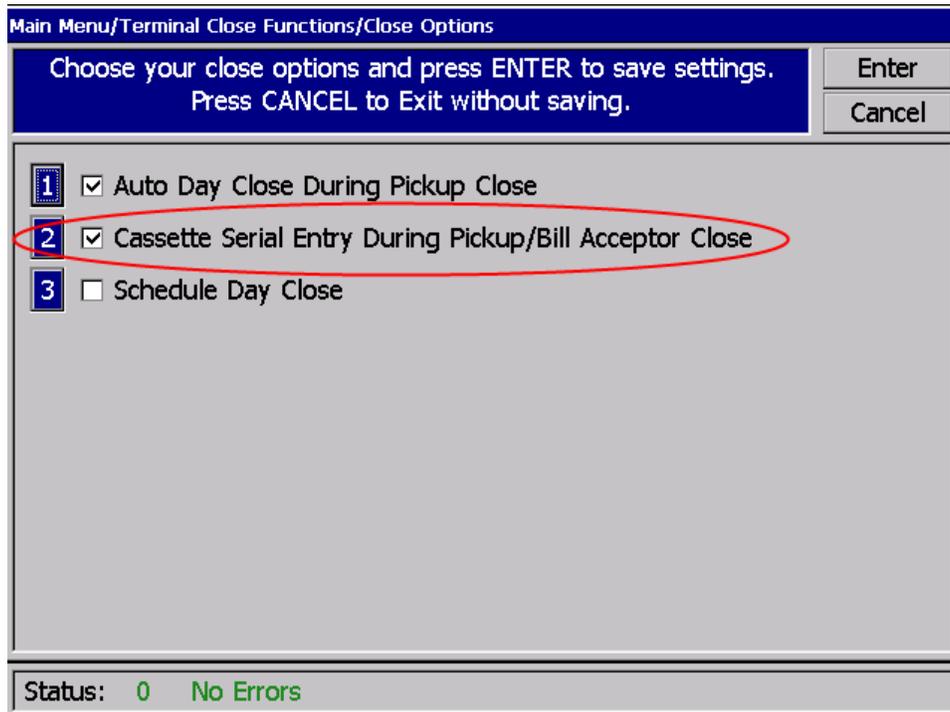
Increased Deposit Screen Timeouts

This software release increases all deposit screen timeouts to 5 minutes.

Cassette Serial Numbers

This software release will allow the user to enter serial numbers for cassettes when doing cassette closes and pickup closes.

A “Cassette Serial Entry” option will be part of the new *Main Menu >Terminal Close Functions > Close Options* management menu.

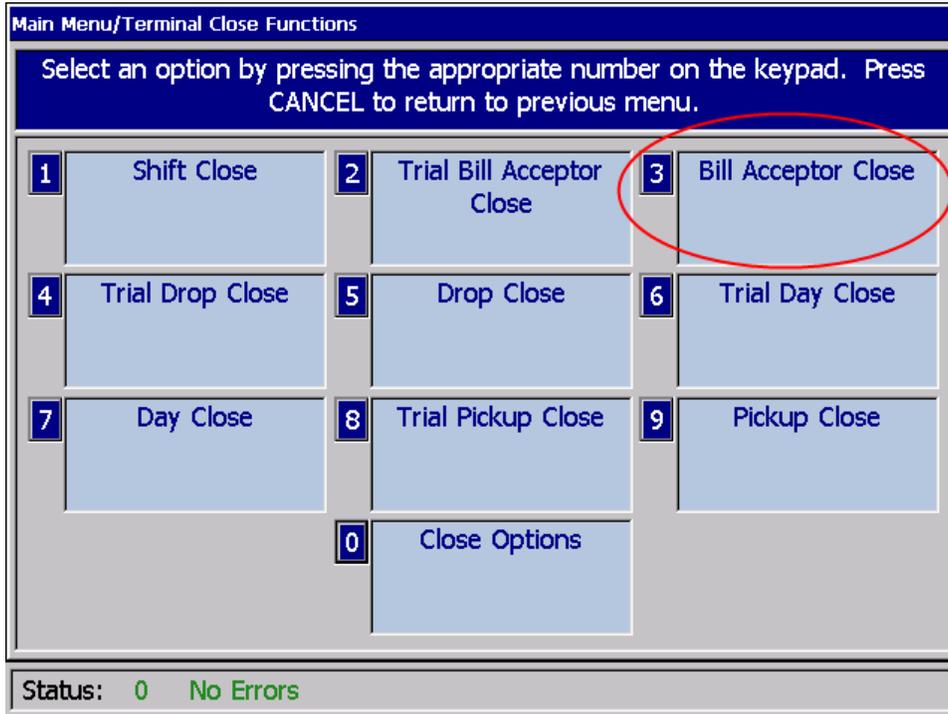


Button 2 will enable or disable the option. If the option is enabled, the user will be prompted to enter a cassette serial number when performing a bill acceptor or pickup close.

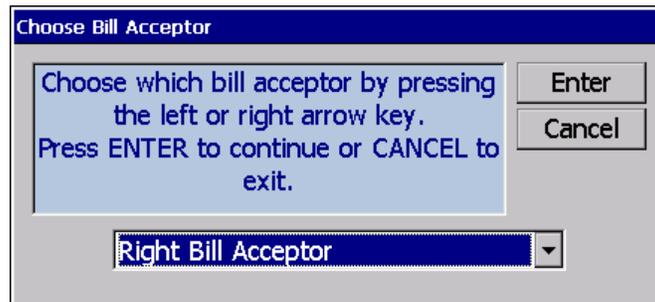
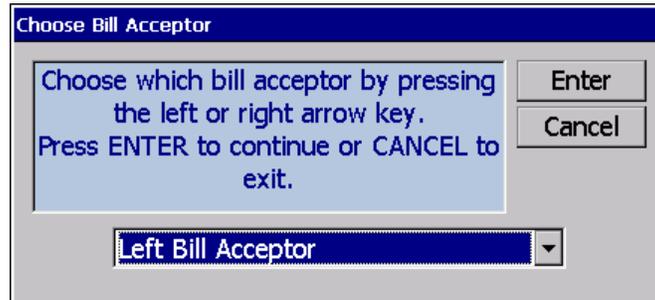
NOTE: This option will be DISABLED by default.

Bill Acceptor Close

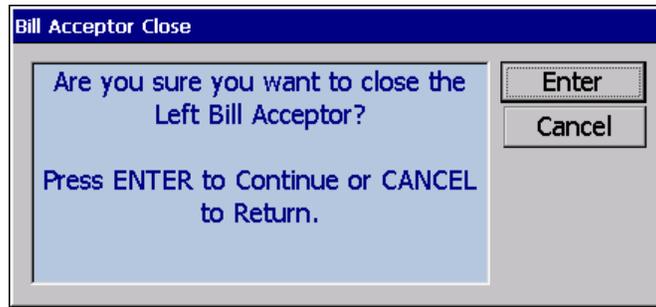
If the “Cassette Serial Entry” option is enabled, the user will be prompted to enter a serial number when a bill acceptor close is performed.



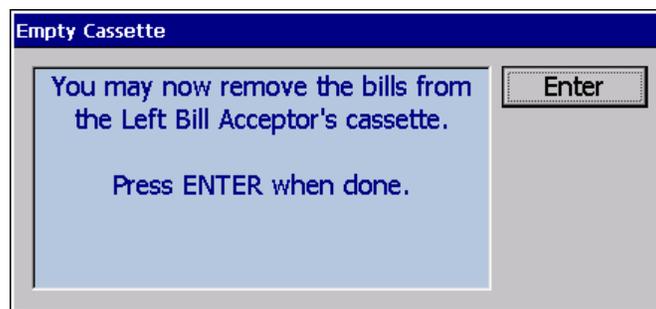
When the user chooses the pickup close option, he/she will be prompted to choose a bill acceptor to close. The options will be “Left Bill Acceptor” or “Right Bill Acceptor”.



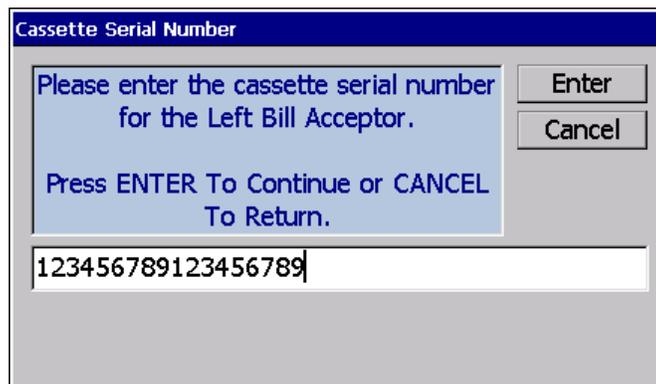
Once the user chooses the bill acceptor, he/she will be prompted with a nag screen.



If the user chooses to continue, he/she will be prompted to remove the bills from the chosen bill acceptor's cassette.



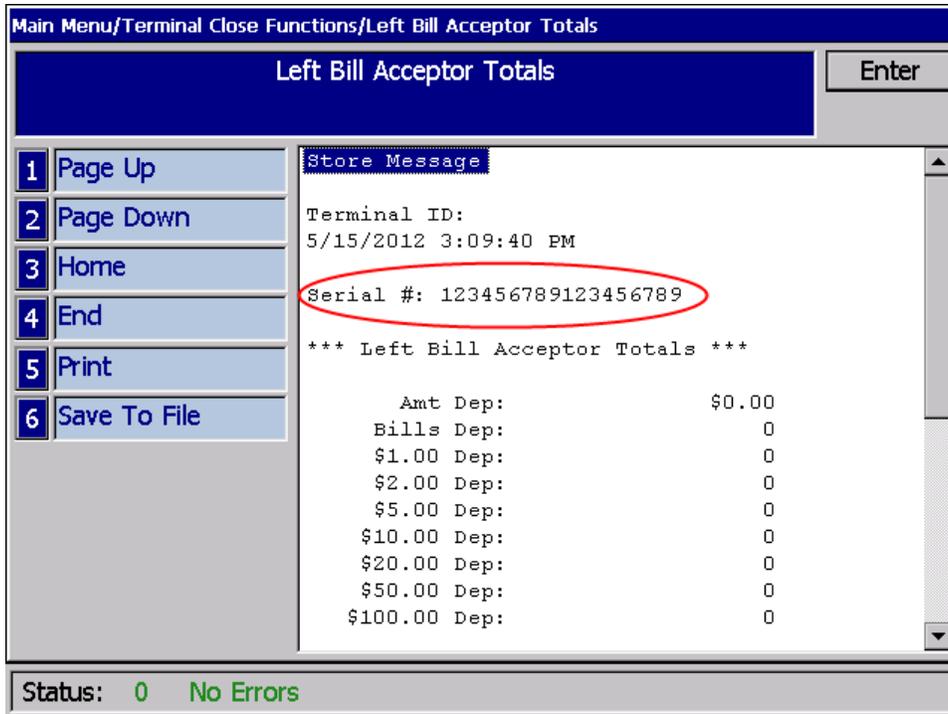
After removing the bills from the cassette and pressing enter, the user will be prompted to enter the chosen acceptor cassette's serial number if the serial number option is enabled.



The serial number may be any combination of numeric digits and alpha-numeric characters and be up to **18** characters in length.

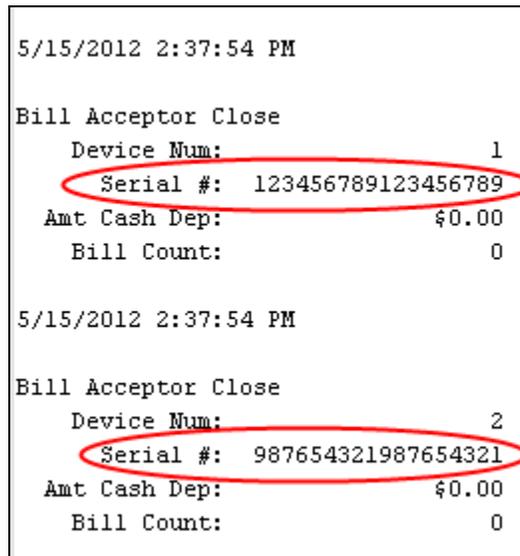
If the serial number option is disabled, the serial number entry prompts will not be shown.

The bill acceptor totals will then be displayed showing the previously entered serial number.



If the serial number option is disabled or the serial number was not entered, the serial number will not be included in the report.

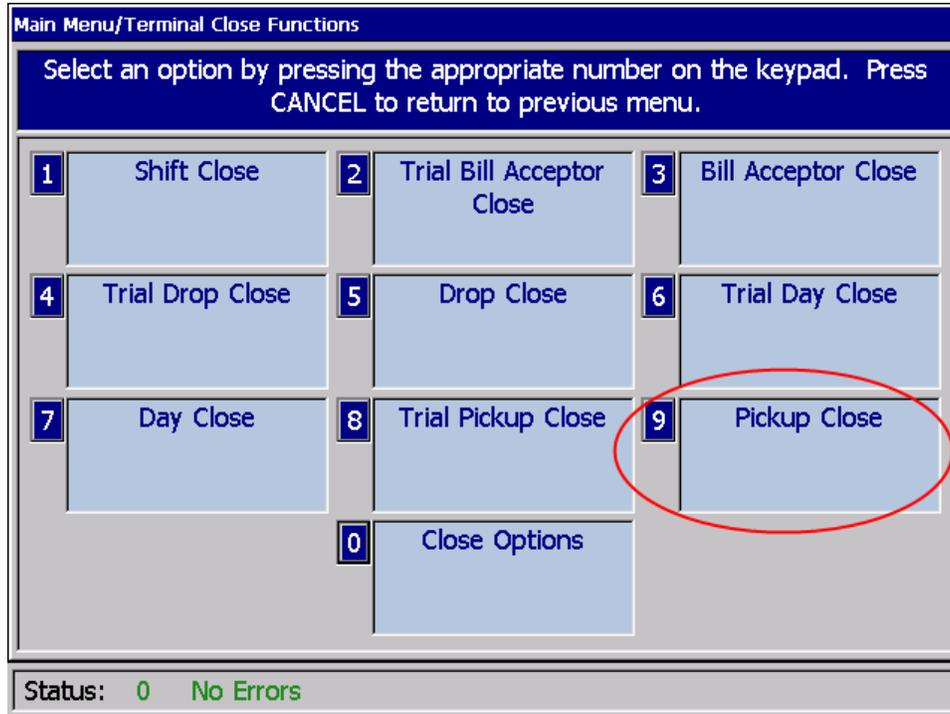
If the user entered a serial number during a bill acceptor close, the serial number will be logged to the journal and displayed with bill acceptor close records when the journal is viewed.



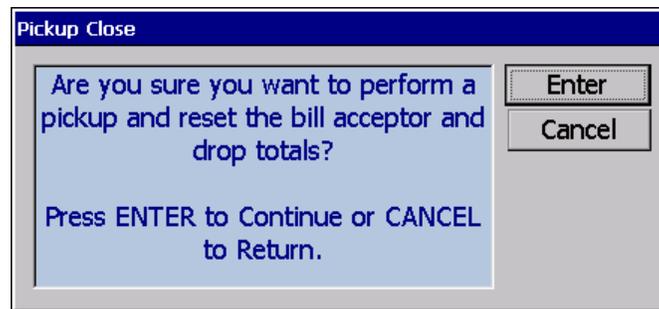
The serial number will also be sent to VersaLink if communications are enabled.

Pickup Close

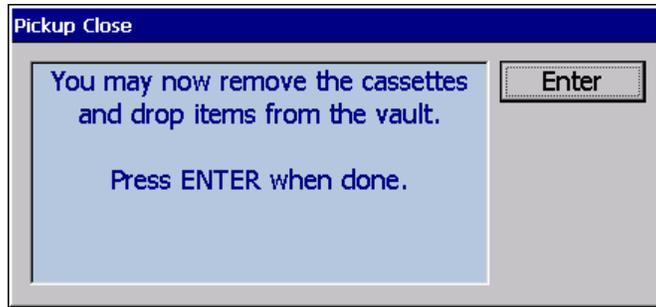
If the “Cassette Serial Entry” option is enabled, the user will be prompted to enter a serial number when a pickup close is performed.



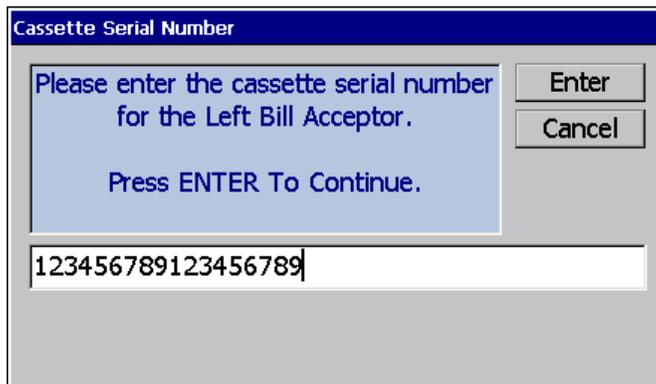
When the user chooses the pickup close option, he/she will be prompted with a nag screen.



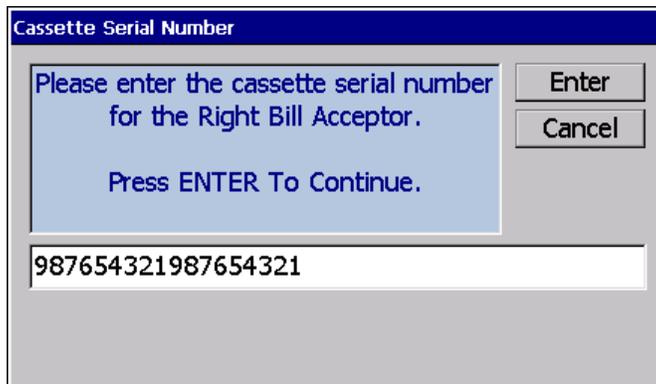
If the user chooses to continue, he/she will be prompted to remove the items from the safe.



After removing items and pressing enter, the user will be prompted to enter the left bill acceptor cassette's serial number if the serial number option is enabled.



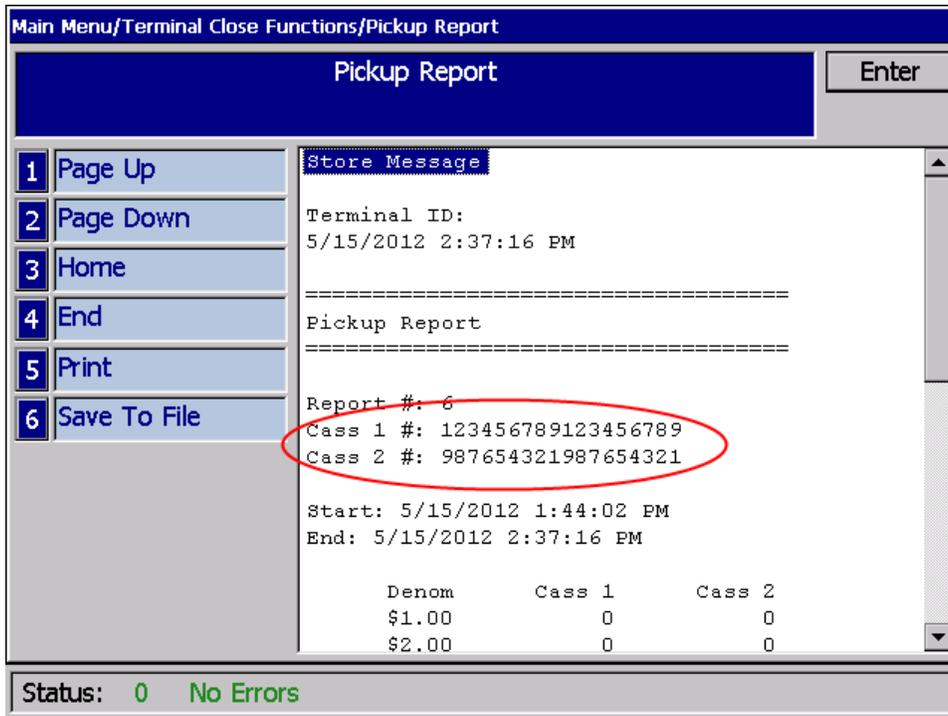
After entering in the left bill acceptor cassette serial number and pressing enter, the user will be prompted for enter the right bill acceptor cassette's serial number if the serial number option is enabled.



The serial number may be any combination of numeric digits and alpha-numeric characters and be up to **18** characters in length.

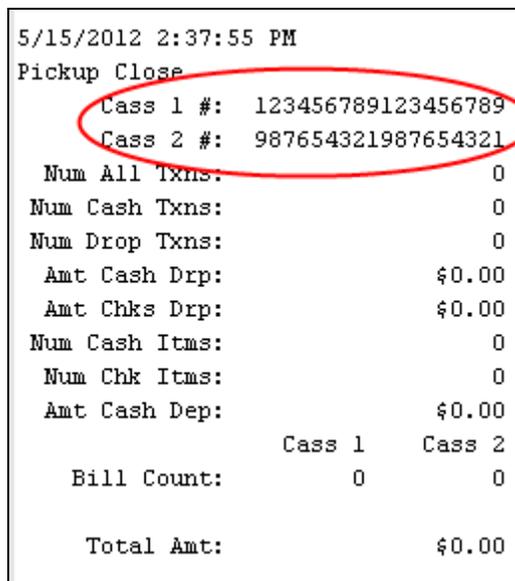
If the serial number option is disabled, the previous two serial number entry prompts will not be shown.

The pickup close report will then be displayed showing the previously entered serial numbers.



If the serial number option is disabled or the serial numbers were not entered, the serial numbers will not be included in the report.

If the user entered serial numbers during a pickup close, the serial numbers will be logged to the journal and displayed with pickup close records when the journal is viewed. These serial numbers will also be logged for the respective bill acceptor closes that are automatically performed as part of the pickup close.

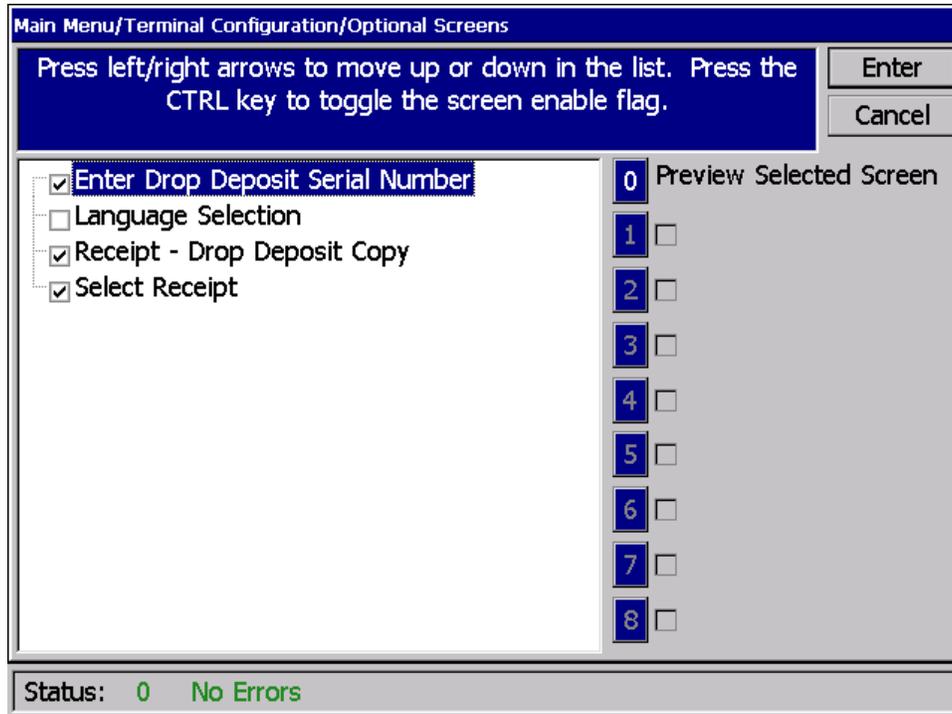


The serial numbers will also be sent to VersaLink if communications are enabled.

Drop Deposit Envelope Serial Numbers

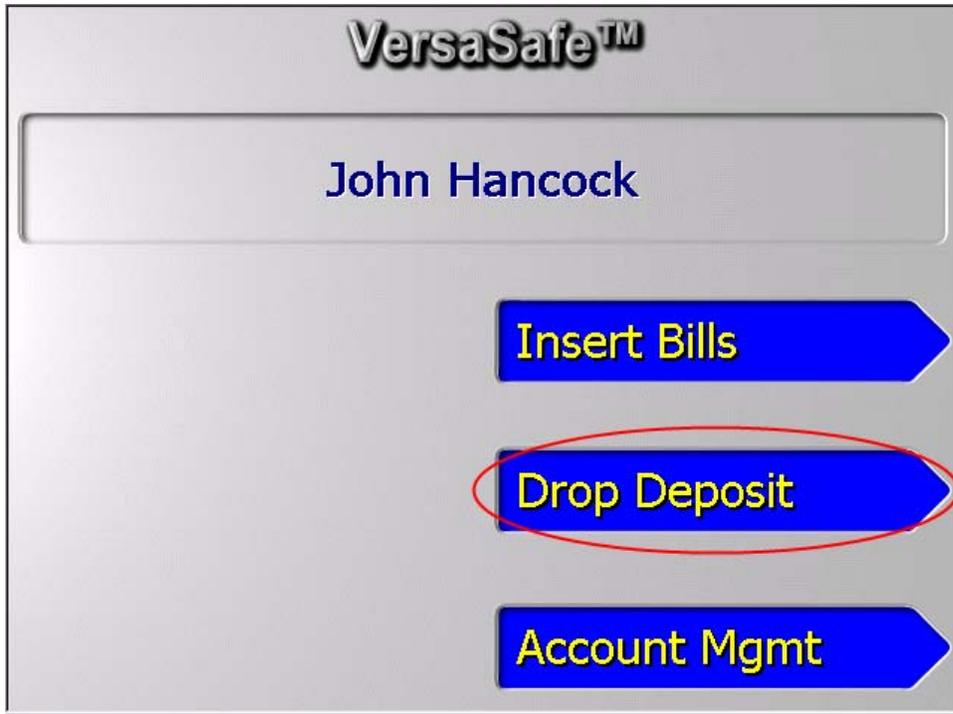
This software release will allow the user to enter an envelope serial number for drop deposit transactions.

An optional screen will be added for drop deposit serial number entry. This screen can be enabled or disabled in the *Main Menu > Terminal Configuration > Optional Screens* area of management functions:

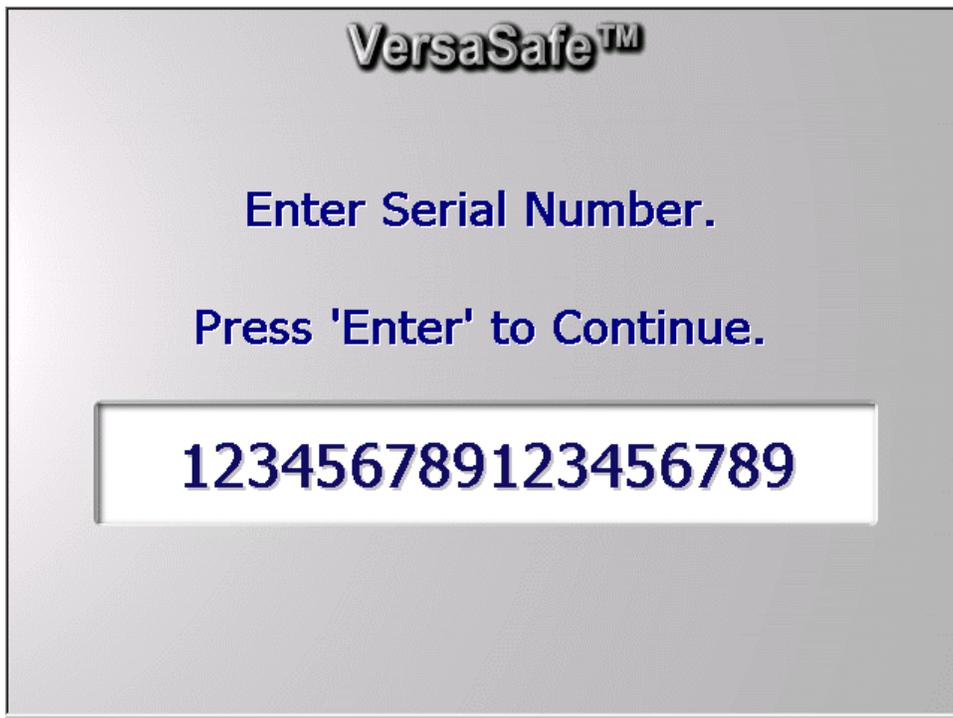


NOTE: This optional screen will be DISABLED by default.

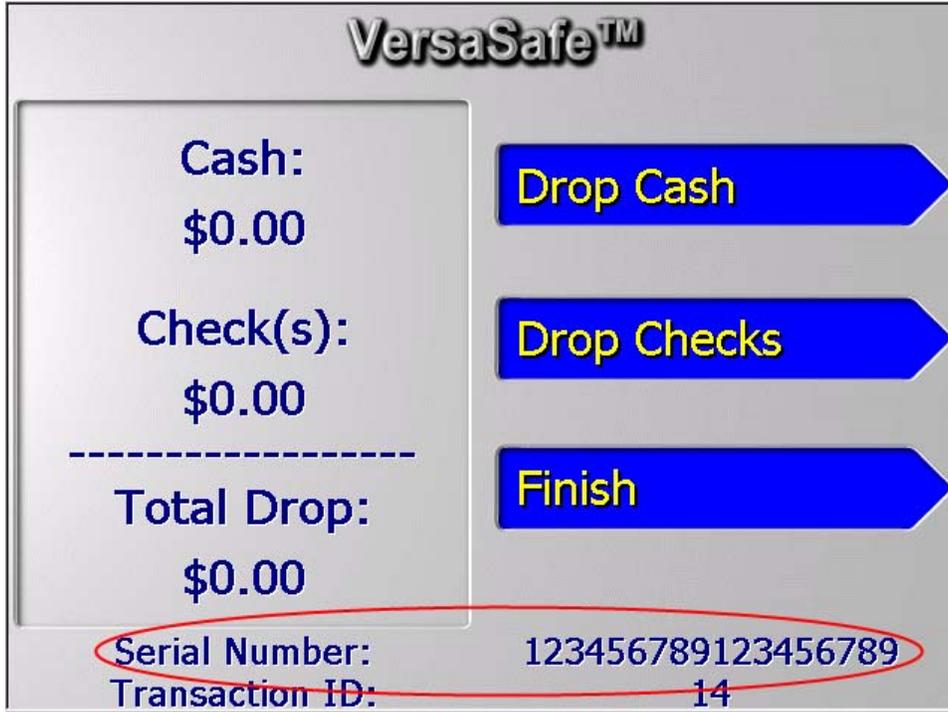
If the screen is enabled, it will be shown after the user selects the “Drop Deposit” transaction option:



The screen will allow the user to enter a serial number consisting of up to **18** digits. If the user presses CANCEL at this screen, the transaction will be aborted and the user will be taken back to the main User ID entry screen.



If a serial number was entered, it will be shown on the various drop deposit screens:

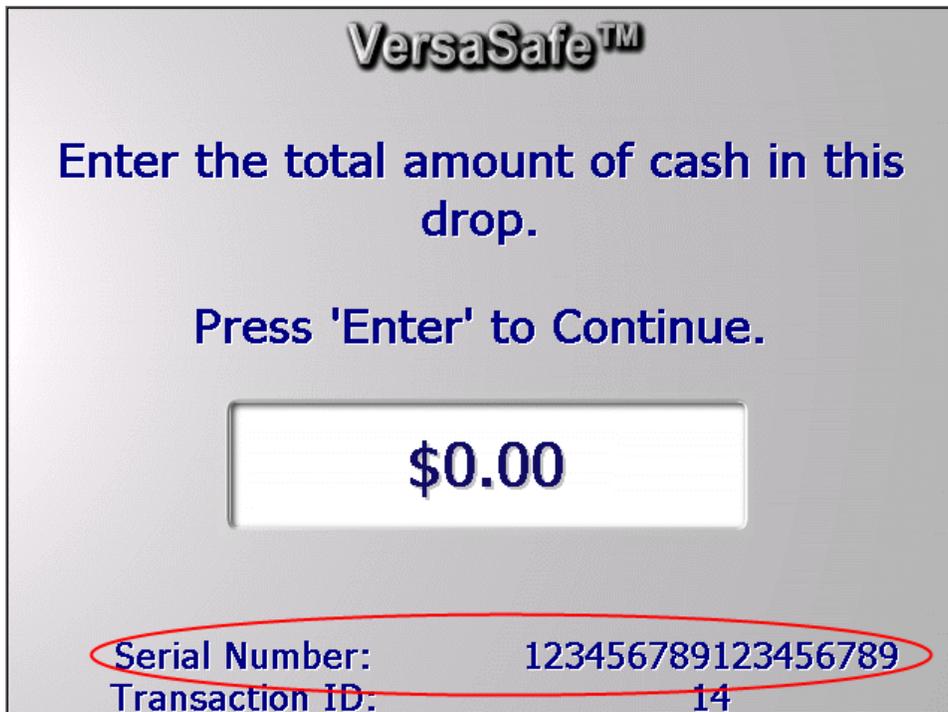


VersaSafe™

| | |
|--------------------------------|--------------------|
| Cash: \$0.00 | Drop Cash |
| Check(s): \$0.00 | Drop Checks |
| ----- Total Drop: \$0.00 | Finish |

Serial Number: 123456789123456789
Transaction ID: 14

Main Drop Deposit Screen



VersaSafe™

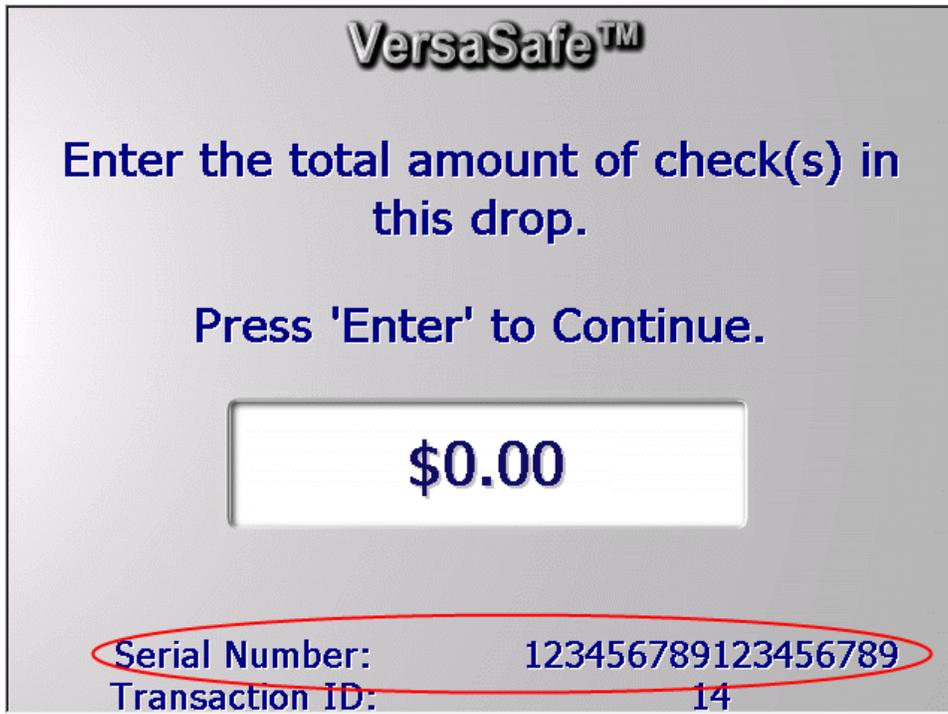
Enter the total amount of cash in this drop.

Press 'Enter' to Continue.

\$0.00

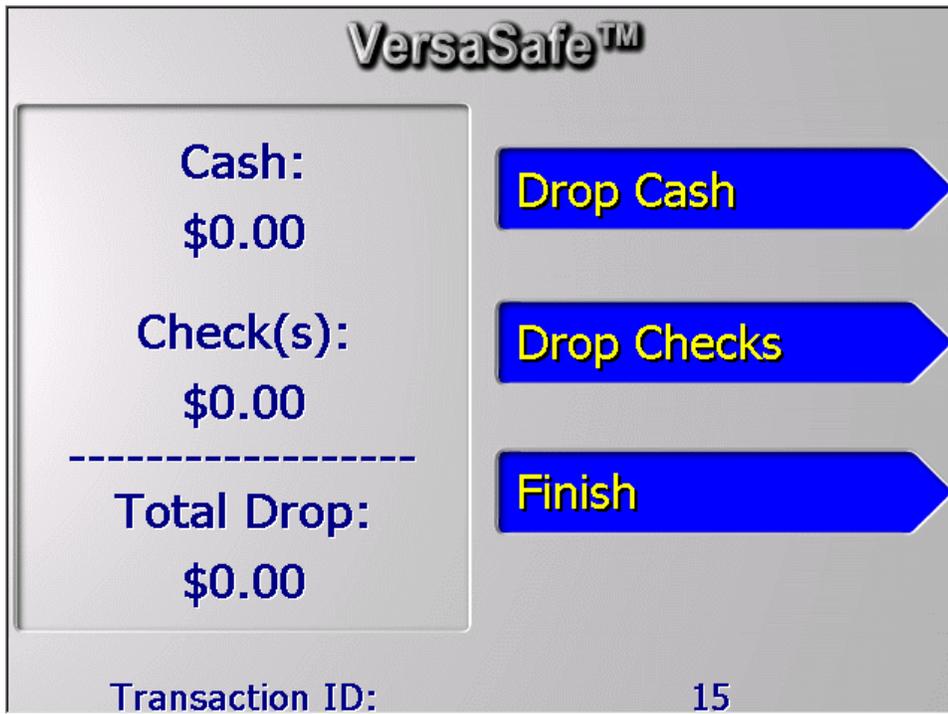
Serial Number: 123456789123456789
Transaction ID: 14

Cash Drop Screen

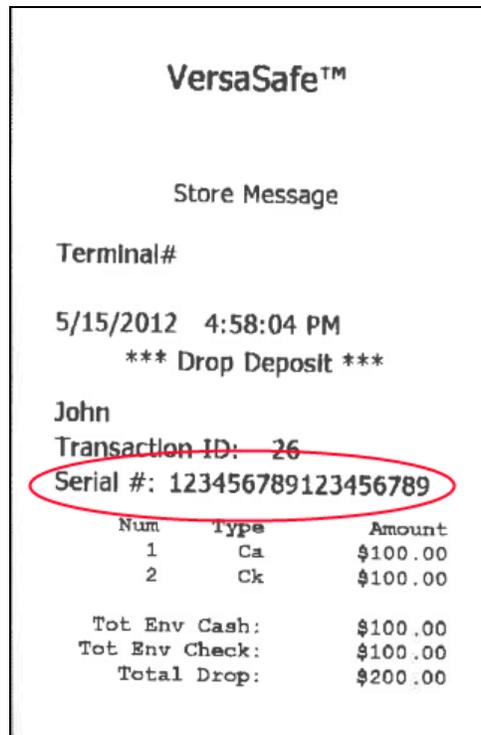


Check Drop Screen

If the serial number was left blank, or the “Enter Serial Number” screen is disabled, only the Transaction ID will be shown at the bottom of the drop deposit screens:



If a serial number was entered for a drop deposit, the serial number will also be printed on the drop deposit receipt:



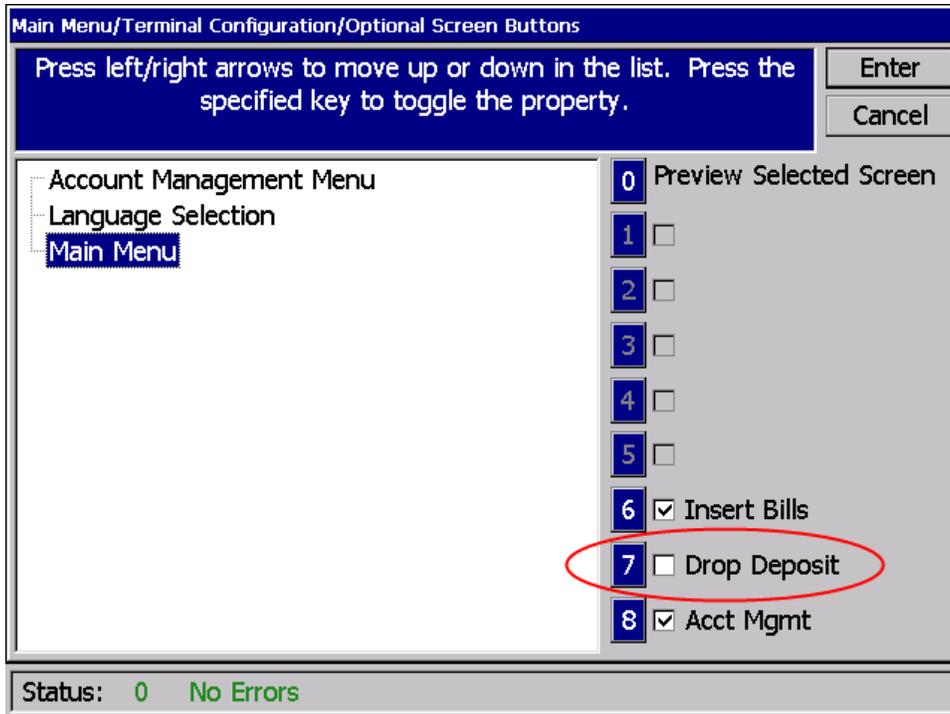
If the serial number was left blank, or the “Enter Serial Number” screen is disabled, the serial number field will not be present on the receipt.

The serial number will also be logged to the journal and sent to VersaLink if communications are enabled.

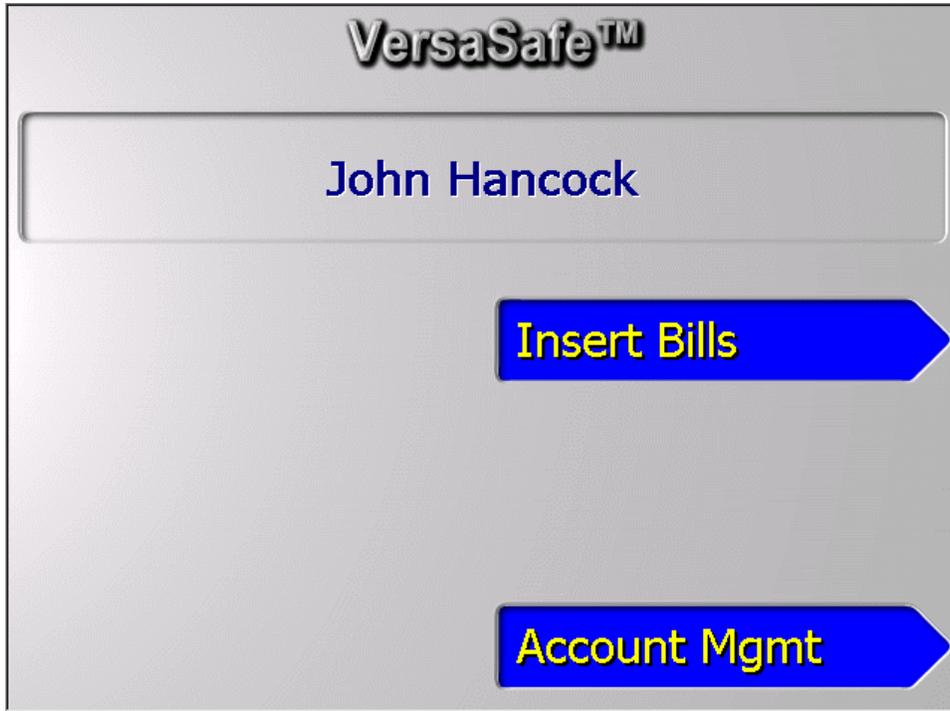
Employee Screen Options

This software release will allow the administrator to enable/disable employee screen options.

The Main Menu will now show up under *Main Menu > Terminal Configuration > Optional Screen Buttons* so the administrator can enable or disable any of the button options on that screen.

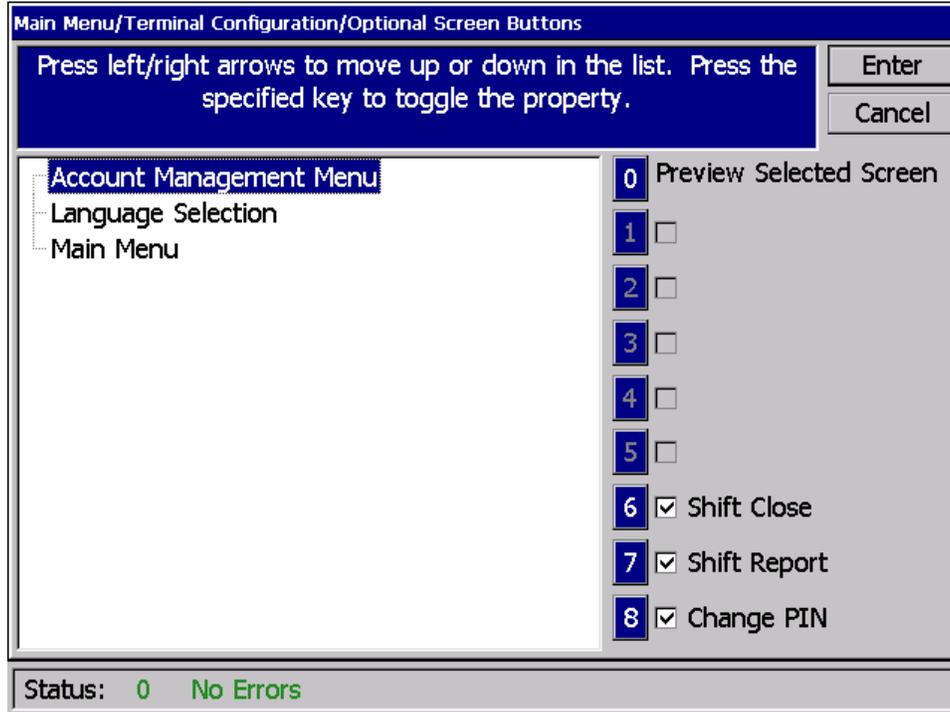


If the administrator disables the “Drop Deposit” button, the button will not be shown on the Main Menu user screen.



The above screenshot shows the main menu with the “Drop Deposit” option disabled.

The account management menu will be the same:



Ping Domain Names

This software release will allow the user to ping domain names from *Main Menu > Diagnostics > Modem/Ethernet > Ping Remote Host Address* to help diagnose connectivity problems.

DNS Information

This software release will include DNS information in the configuration summary to help diagnose connectivity problems.

Vault Door Behavior

This software release will allow the terminal go back into service if the terminal is out of service with an open vault door error and the vault door is closed. The vault door error will also be cleared in VersaLink if communications are enabled.

Description of Fixes

Some file names get cut off in Browse Dialog

Files with long names, such as bill acceptor firmware, would get cut off in the browse dialog when choosing to update firmware. The filename column width has been increased to show more of the filename in this release.

No records shown when viewing selected shift close records

Trying to view shift close records in display selected records and leaving the “contains” field blank would cause no records to be shown. This has been addressed in this release.

Date-time change could cause miscalculation of totals

A date-time change could cause totals for closes to be miscalculated. This has been addressed in this release.

Incorrect language on receipts

If the user chose a different language than what was set in management functions, the bottom portion of the receipt would not be correct. This has been addressed in this release.

Preview screen does not appear

Screen previews did not work properly. This has been addressed in this release.

Revision History

| Date | Version | Description of Change |
|----------------|----------------|------------------------------|
| April 12, 2013 | 1.0 | Initial version |