# VersaSafe 2.7.0 Software Release Notes

# Affected products VersaSafe

April 17, 2013

Version 1.0

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# 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:
  - o MEI AE2800
  - o SC66 (L, XL, NL, NXL)
  - o 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):
  - o US (0)
  - o Australia (1)
  - o Canada (2)
  - o Mexico (3)
  - o UK (4)
  - o Chile (8)
  - o India (9)
  - o Jamaica (10)
  - o New Zealand (11)
  - o Cayman Islands (12)
  - o 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:

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- 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.

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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.

Main Menu/Terminal Diagnostics/Bill Acceptor/Bill Acceptor Status				
	Bill Acceptor Status	Enter		
1 Page Up	Store Message	<b></b>		
2 Page Down	Terminal ID: VERSASAFE 3/28/2012 1:23:18 PM			
4 End	Left Bill Acceptor Device ID: MEI SCL66 Device Status: 0 (Bill acceptor ready)			
5 Print 6 Save To File	Version Number: U.lf Software CRC: 0xc760 Soft Resets: 681			
	Acceptor Type: SCL6627R Serial Number: 23094002394 Boot Part Number: 280798114			
	Application Part Number: 282761310 Variant Part Number: 491974220 Variant Name: USD BNF Present: Yes			
Status: 0 No Error	BNF Has Error: No			

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.

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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 Configurat	tion/General Parameters	
1	Terminal ID:	VERSASAFE	Enter
2	Zip Code:		Cancel
3	Reset Sequence No.		
4	Reset Report Sequen	ice No. 🚺 Language: French	•
<sub>⊢</sub> Pr	inter Settings		$\frown$
5	🗆 Out of Service or	Low Paper	
6	🗖 🗆 Out of Service or	n Printer Error	
<sub>E</sub> Me	onitoring		
7	🗹 Heartbeat Messa	ge	
8	Heartbeat Delay Per	iod: 30	
9	Time Specific Hearb	eat	
Sta	atus: 0 No Errors		

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



# **Bill Acceptor Specific Settings**

This software release will allow the costumer 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.

Main Menu/Terminal Diagnostics/Bill Acceptor					
Select an option by pressing the appropriate number on the keypad. Press CANCEL to return to previous menu.					
1	Device Status	2	Test	3	Totals
4	Reset	5	Settings	6	Update Firmware
7		8		9	
		0			
Status:	0 No Errors				

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

Choose Bill Acceptor	
Choose which bill acceptor by pressing the left or right arrow key. Press ENTER to continue or CANCEL to exit.	Enter Cancel
Both Bill Acceptors	•
Chaoco Dill Accontor	
Choose which bill acceptor by pressing the left or right arrow key. Press ENTER to continue or CANCEL to exit.	Enter Cancel
Left Bill Acceptor	-

Choose Bill Acceptor	
Choose which bill acceptor by pressing the left or right arrow key. Press ENTER to continue or CANCEL to exit.	Enter Cancel
Right Bill Acceptor	•

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.

Main Menu/Terminal Diagnostics/Bill Acceptor /Both Bill Acceptors Settings
Choose your bill acceptor settings and press ENTER to save settings. Press CANCEL to Exit without saving.
Accept/Reject Denomination Near Full Threshold  Accept \$1.00  Near Full Threshold  B 50  bills remaining
Main Menu/Terminal Diagnostics/Bill Acceptor/Left Bill Acceptor Settings
Choose your bill acceptor settings and press ENTER to save settings. Press CANCEL to Exit without saving.
Accept/Reject Denomination Near Full Threshold Accept \$1.00
Accept/Reject Denomination Accept \$1.00 Main Menu/Terminal Diagnostics/Bill Acceptor/Right Bill Acceptor Settings
Accept/Reject Denomination       Near Full Threshold         Image: Accept \$1.00       Image: Stress Cancel to Exit without saving.

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

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\*\*\* 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 <u>(00)</u> Parameter Change: Left Bill Acceptor Near Full Threshold 01d: 50 New: 100 5/16/2012 10:02:53 AM Username: Master <u>(00)</u> Parameter Change: Right Bill Acceptor Denom7 Enabled Old: Enabled New: Disabled 5/16/2012 10:02:54 AM Username: Master <u>(00)</u> Parameter Change: Right Bill Acceptor Near Full Threshold 01d: 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.

Main Menu/Terminal Close Functions					
Select an option by pressing the appropriate number on the keypad. Press CANCEL to return to previous menu.					
1	Shift Close	2	Trial Bill Acceptor Close	3	Bill Acceptor Close
4	Trial Drop Close	5	Drop Close	6	Trial Day Close
2	Day Close	8	Trial Pickup Close	9	Pickup Close
		0	Close Options		
Statu	s: 0 No Errors				

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.



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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.

Main Menu/Terminal Close Functions/Close Options	
Choose your close options and press ENTER to save settings.	Enter
Press CANCEL to Exit without saving.	Cancel
<ul> <li>Auto Day Close During Pickup Close</li> <li>Cassette Serial Entry During Pickup/Bill Acceptor Close</li> <li>Schedule Day Close</li> </ul>	
Status: 0 No Errors	

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**

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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.

Main Menu/Terminal Close Functions				
Select an option by pressing the appropriate number on the keypad. Press CANCEL to return to previous menu.				
1 Shift Close	2 Trial Bill Acceptor Close 3 Bill Acceptor Close			
4 Trial Drop Close	e 5 Drop Close 6 Trial Day Close			
7 Day Close	8 Trial Pickup Close 9 Pickup Close			
	O Close Options			
Status: 0 No Erro	rs			

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".

Choose Bill Acceptor	
Choose which bill acceptor by pressing the left or right arrow key. Press ENTER to continue or CANCEL to exit.	Enter Cancel
Left Bill Acceptor	-
,	
Choose Bill Acceptor	
Choose Bill Acceptor Choose which bill acceptor by pressing the left or right arrow key. Press ENTER to continue or CANCEL to exit.	Enter Cancel

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

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

Empty Cassette	
You may now remove the bills from the Left Bill Acceptor's cassette. Press ENTER when done.	Enter

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.

Please enter the cassette seri for the Left Bill Accept	al number Enter or. Cancel
Press ENTER To Continue or To Return.	CANCEL
123456789123456789	

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.

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Main Menu/Terminal Close Functions/Left Bill Acceptor Totals			
Left Bill Acceptor Totals			Enter
1 Page Up	Store Message		<b>_</b>
2 Page Down	Terminal ID:		
3 Home	5/15/2012 3:09:40 PM		
4 End	Serial #: 1234567891234	456789	
Drint	*** Left Bill Acceptor	Totals ***	
	Amt Dep:	\$0.00	
6 Save To File	Bills Dep:	0	
	\$1.00 Dep:	0	
	\$2.00 Dep:	0	
	\$5.00 Dep:	0	
	\$10.00 Dep:	0	
	\$20.00 Dep:	0	
	\$50.00 Dep:	0	
	\$100.00 Dep:	0	-
Status: 0 No Errors	3		

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.

5/15/2012 2:37:5	4 PM
Bill Acceptor Cl	ose
Device Num:	1
Serial #:	123456789123456789
Amt Cash Dep:	\$0.00
Bill Count:	0
5/15/2012 2:37:5	4 PM
Bill Acceptor Cl	ose
Device Num:	2
Serial #:	987654321987654321
Amt Cash Dep:	\$0.00
Bill Count:	0

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

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#### **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.

Main Menu/Terminal Close Functions							
Sel	Select an option by pressing the appropriate number on the keypad. Press CANCEL to return to previous menu.						
1	Shift Close     2     Trial Bill Acceptor Close     3     Bill Acceptor Close						
4	Trial Drop Close	5 Drop Close 6	Trial Day Close				
2	Day Close	8 Trial Pickup Close 9	Pickup Close				
		O Close Options					
Statu	IS: 0 No Errors						

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

Are you sure you want to perform a pickup and reset the bill acceptor and drop totals?	Pickup	o Close	
to Return.	Ar pic Pre	re you sure you want to perform a kup and reset the bill acceptor and drop totals? ess ENTER to Continue or CANCEL to Return.	Enter Cancel

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.

Cassette Serial Number	
Please enter the cassette serial number for the Left Bill Acceptor. Press ENTER To Continue.	Enter Cancel
123456789123456789	

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.

Cassette Serial Number	
Please enter the cassette serial number for the Right Bill Acceptor. Press ENTER To Continue.	Enter Cancel
987654321987654321	

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.

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Main Menu/Terminal Close Fu	nctions/Pickup Report			
Pickup Report				
1 Page Up	Store Message			<b></b>
2 Page Down	Terminal ID: 5/15/2012 2:37.	16 DM		
3 Home				
4 End	Pickup Report			
5 Print	============			
6 Save To File	Report #: 6 Cass 1 #: 123450	678912345678	39	
(	Cass 2 #: 987654	432198765432	21	
	Start: 5/15/2012 End: 5/15/2012 2	2 1:44:02 PM 2:37:16 PM	1	
	Denom	Cass 1	Cass 2	
	\$1.00 \$2.00	0	0	•
Status: 0 No Errors	3			

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:

Main Menu/Terminal Configuration/Optional Screens				
Press left/right arrows to move up or down in the list. Press the				
CIRL Key to toggle the screen enable	e flag.	Cancel		
<ul> <li>✓ Enter Drop Deposit Serial Number</li> <li>─ Language Selection</li> <li>─ Receipt - Drop Deposit Copy</li> <li>─ Select Receipt</li> </ul>	<ul> <li>Preview Select</li> <li>1</li> <li>2</li> <li>3</li> <li>4</li> <li>5</li> <li>6</li> <li>7</li> <li>8</li> </ul>	ed Screen		
Status: 0 No Errors				

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:



Main Drop Deposit Screen



Cash Drop Screen

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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:

VersaSafe™						
Store Messag	je					
Terminal#						
5/15/2012 4:58:04 PM *** Drop Deposit ***						
John	John					
Transaction ID: 26						
Serial #: 123456789123456789						
Num Type	Amount					
1 Ca	\$100.00					
2 Ck	\$100.00					
Tot Env Cash:	\$100.00					
Tot Env Check:	\$100.00					
Total Drop:	\$200.00					

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.

Main Menu/Terminal Configuration/Optional Screen Buttons				
Press left/right arrows to move up or down in the list. Press the				
specified key to toggle the proper	ty.	Cancel		
Account Management Menu Language Selection Main Menu	<ul> <li>Preview Selects</li> <li>1</li> <li>2</li> <li>3</li> <li>4</li> </ul>	ed Screen		
	<ul> <li>4</li> <li>5</li> <li>6</li> <li>✓ Insert Bills</li> <li>7</li> <li>Orop Depos</li> <li>8</li> <li>✓ Acct Mgmt</li> </ul>	it		
Status: 0 No Errors				

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.

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The account management menu will be the same:

Main Menu/Terminal Configuration/Ontional Screen Buttons				
Press left/right arrows to move up or down in the list. Press the specified key to toggle the property.				
Account Management Menu Language Selection Main Menu	0       Preview Select         1       □         2       □         3       □         4       □         5       □         6       ✓ Shift Close         7       ✓ Shift Report         8       ✓ Change PIN	ed Screen		
Status: 0 No Errors				

# **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 released.

#### 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.

<b>Revision Histo</b>	Revision History		
Date	Version	Description of Change	
April 12, 2013	1.0	Initial version	