



Subject: U-Scan CashCode Bill Acceptor – New Firmware (Canada)

Update A: The firmware CA1520 was released to allow acceptance of the new Canadian \$50 note, however a poor acceptance rate was identified. This new firmware CA1521 is now released to improve the acceptance rate of the new note.

Overview

New firmware is being released for the Cashcode SM Bill Acceptor (CA1521) that is designed to accept the new Canadian \$50 note. This only affects Canadian customers using the CashCode Bill Acceptor.

Canada continues to release new polymer notes in addition to the \$100 note released on PSB-11-025. Each new addition to the polymer currency requires a firmware change to the Bill Acceptor in order to be accepted. The \$50 Canada note is the newest addition to the polymer notes and requires this new firmware (CA1521).

Resolution

New firmware was developed to support the new \$50 bill. The part number has changed on the Bill Acceptor to reflect the new firmware change. A Memory Stick is also available to allow upgrading existing Canadian Bill Acceptors to this current level.

See page 2 for detailed instructions to manually update the firmware using the programmed memory stick. For those customers who receive ASM updates, U-Scan Software Development will provide an ASM package with this update (requires memory stick SMM-31C05-NDEG).

Part Number	Description	Old Part Number
11004432	Bill Acceptor, CashCode, SM Backload, FW Ver CA1521, Canada	11004134 or 11004194
11004433	Memory Stick, CashCode, Model SM Backload, FW Ver CA1521, 50 Program Loads	11004135 or 11004195

Impact

- Production
 - Standard cut-in.
- Installed Units
 - Fix on fail or next customer visit.
- Repair Center
 - Update as returned for repair.
- Service Spares
 - Any Canadian spares stock should be updated to the latest firmware.

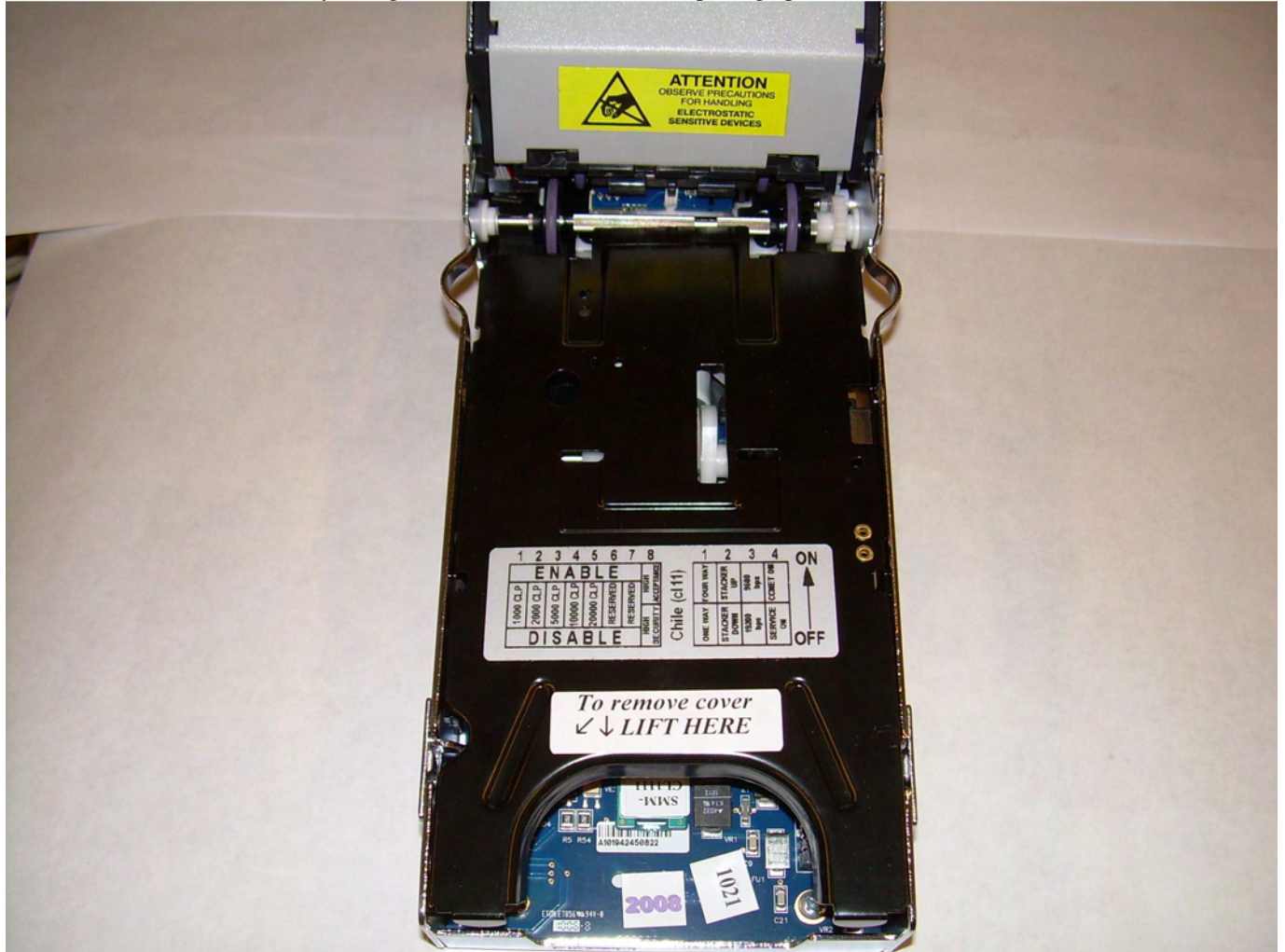
INQUIRIES TO:		DATE
Fujitsu Frontech North America		
Exchange:	Sustaining Engineering	_____
Mail:	Fujitsu USA20, Sustaining Engineering	_____
FAX:	(949) 458-6257	_____
Internet:	SustainingEngineering@us.fujitsu.com	_____
FTP:	ftp://ftp.ftxs.fujitsu.com/Pos/PosSustaining/	_____
Original signature copies maintained by Sustaining Engineering.		

Procedure to Update Firmware on CashCode SM Bill Acceptors (Canada)

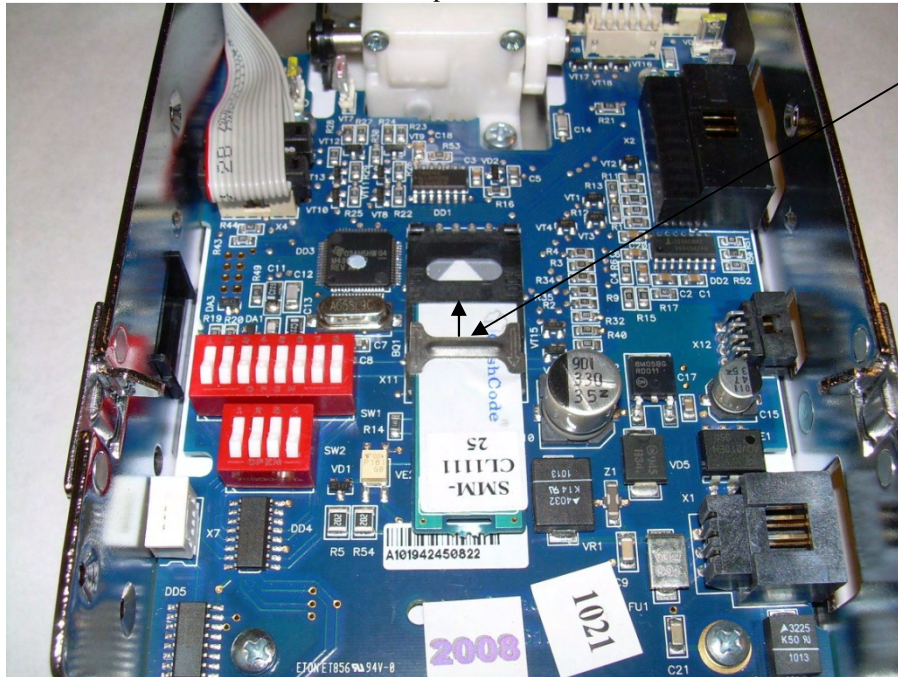
In order to perform the update manually, please follow the instructions below.

Memory Stick Update Method

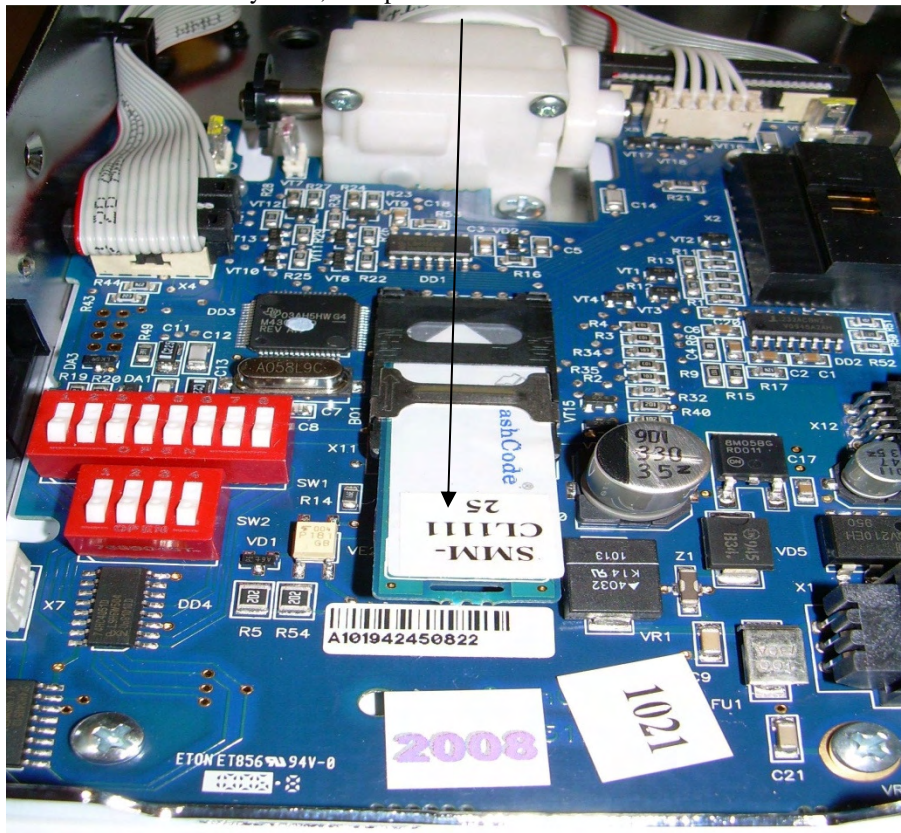
1. Power off unit.
2. Remove Validator cover by lifting the left side of the cover and pulling upward.



- With the Validator cover removed from the unit, remove current memory stick by sliding the metal clip toward the plastic socket.

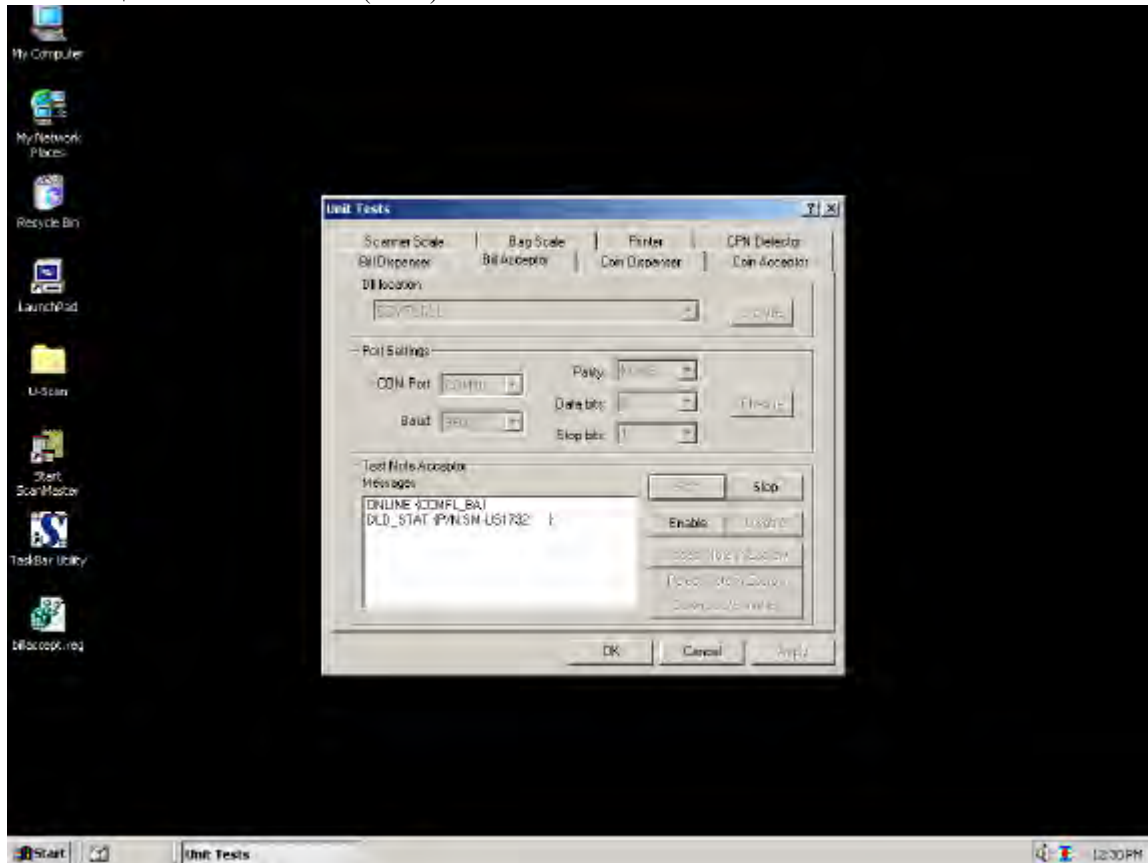


- Once the slide releases the memory stick, lift up and slide out from the connector.



- Inset memory stick CA1521 (11004433) into the socket by holding down the stick while sliding into place, then sliding the retaining clip back into place to lock the memory stick.
- Power on unit. Indicator lights on the front of unit will flash Red & Green while firmware is downloaded from the CA1521 memory stick.

7. When lights stop flashing, power off the unit, replace the CA1521 memory stick with the original memory stick using the same steps 4 and 5 above.
8. Power-up the unit and test.
9. From LaunchPad select DEVICE TESTER and enter 1379 and Press OK.
10. Select Bill Acceptor Tab and change CASHCODE.DLL to CCMFL.DLL by holding down SHIFT-KEY and PRESS * (asterisk on #8 key). Select CHANGE button and select CCMFL.DLL from drop down list.
11. Set the following:
Com Port = 10 (or what ever port the device is connected to)
Baud= 9600
Parity=NONE
Data Bits=8
Stop Bits=1
12. Press Apply.
13. Press START and Press ENABLE. Insert \$50 Canadian note to test. Press OK on device tester screen and remember to remove \$50 note from Stacker (Vault).



14. Reboot U-Scan, Update is completed.

If you show any errors or download is not successful, contact Support for further assistance.