

Technical Bulletin

U-Scan Upgrades for New \$5 Bill

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The following pages the step-by-step method for updating the firmware to accept the new United States \$5 bill.

Newer U-Scans with the SM type acceptors can be upgraded to accept the new bill.

- If the firmware looks like a memory stick that is easily removed, the firmware can be upgraded.
- The way to tell if your system can be upgraded is to remove the cassette and the plastic cover: if the firmware looks like two separate EPROMs, the bill acceptor cannot be upgraded and needs to be replaced.

The UPD5012.zip file with the firmware has been posted on the [StoreNext Dealer Support Web site](#). You can get it from the U-Scan All-In-One Page under the U-Scan FTP link. It's in the CashCodeASMUpdate folder.

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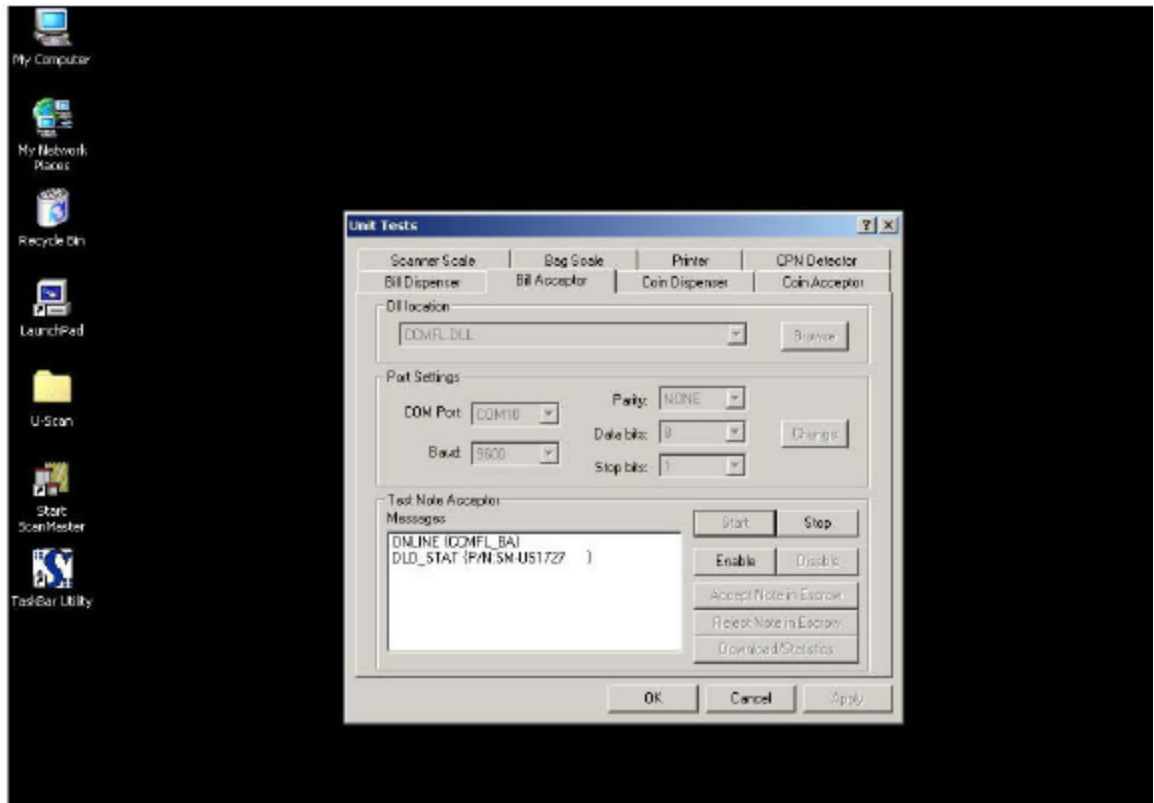
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**Updating the U-Scan
CashCode Bill Acceptor to Accept the New \$5 Bill
Using ASM Update Method**

Document version 1.1

Note: This was tested with StoreNext 39 and 44.

1. Stop the ROBOT (from Maintenance Mode)
2. Verify the Bill Acceptor is using the CCMFL_BA.dll and P/N is SM-US17XX from Device Tester. Select Bill Acceptor and press START



If you have something other than SM-US17XX displaying (you may see US1727, US1729, US1730, but it should be below US1732), contact Support.

3. Copy the \$5 bill update package (UPD5012.zip) to the c:\optimal\update\history folder on the U-Scan.
4. Copy FORCEUPD.EXE from c:\optimal\update\bin to c:\optimal\update\work folder.
5. From a DOS Command Prompt change to the c:\optimal\update\work folder.
Type: FORCEUPD 5012
(space between FORCEUPD and 5012)
6. A maroon screen will appear and the update will start automatically.
7. You will see “Text” scrolling across screen and the Bill Acceptor will cycle and the led will flash both red and green during the update.
8. When update is done you will be returned to desktop.
9. To verify download was successful on the **Cashier Station** browse to VCSHCODE.DAT file in c:\optimal\update.

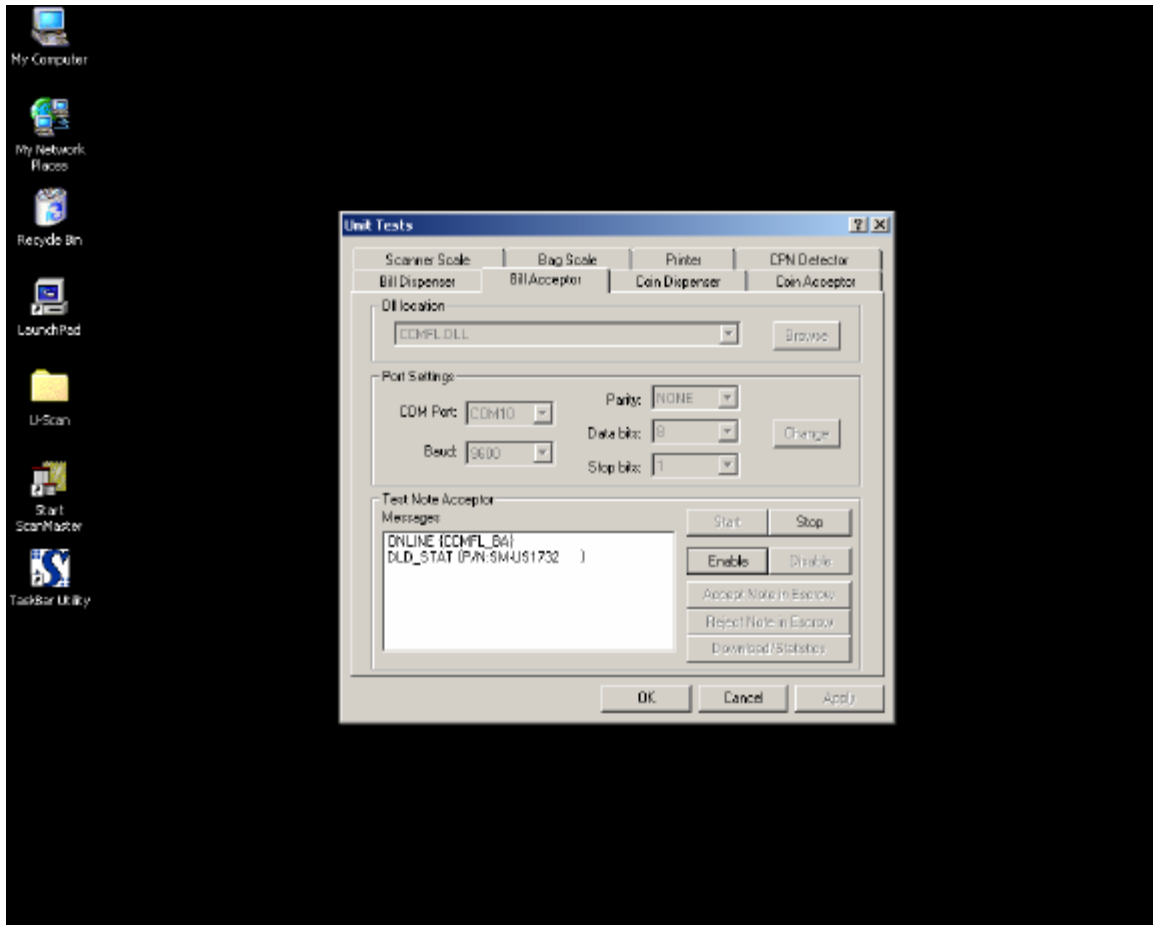
This file will contain an entry for each lane.

When the firmware update is **successful**, the entry will look like this:

```
[CUST1_0001A]  
CshCodeVer = SM-US1732  
ReturnStatus = Download Successful!  
Timestamp = 08/03/20 04:09:39
```

If you show any errors, contact Support.

You can also check Device Tester and should see the new P/N listed as P/N is SM-US1732



10. You can test bills using Device Tester. Press START, and then Press ENABLE.

11. Reboot U-Scan- Update is complete.

NOTE: The older \$20 bill (small picture of Jackson) was not supported before this upgrade.

Following Bills were tested: New \$20, Old \$20

New \$10, Old \$10, Older \$10

New \$5, Old \$5, Older \$5

\$1 Bill