

Subject: New F53 Dispenser Firmware for U-Scan

Overview

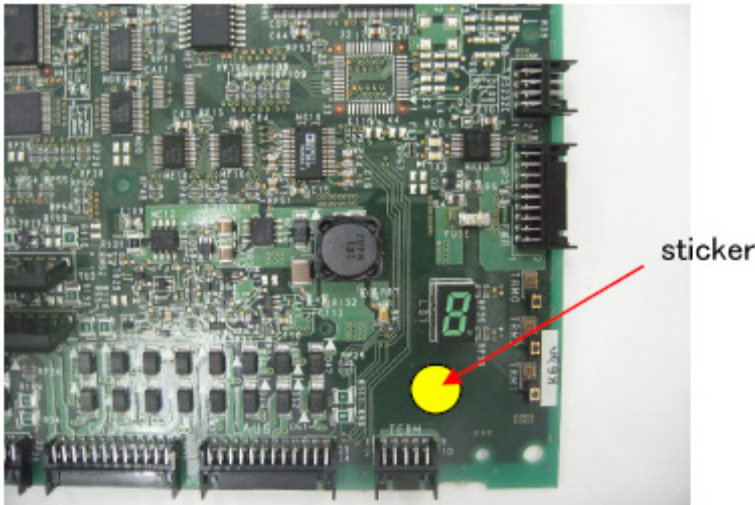
A new version of firmware is being released for the F53 Bill Dispenser that is used in the U-Scan system to fix a problem with the thickness sensor adjustment procedure.

There have been some F53 units in the repair center that, while adjusting the bill thickness sensor, the final offset value in the thickness sensor adjustment procedure cannot be saved which results in the thickness sensor not being able to be adjusted. This issue is typically only seen during manufacturing or repair center adjustment procedures.

Solution

F53 firmware version AA0400 and higher includes a fix that corrects the problem above. However, AA0400 and higher also added a new error code to report when a cassette was empty which U-Scan software does not support so a custom version of firmware for U-Scan, US0300, was created that incorporates only the thickness sensor adjustment fix.

All new F53 units and spare boards listed below ordered after cut-in will have a yellow sticker on the board, as shown below, to indicate that US0300 firmware has been loaded. Spare PCB boards should be ordered using the new part number KD03234-K900 so that they come with the correct firmware. All units upgraded in the repair center will have the sticker applied.



INQUIRIES TO:		DATE
Fujitsu Frontech North America	_____	_____
Exchange: Sustaining Engineering	Sustaining Engineering	_____
Mail: Fujitsu USA04, Sustaining Engineering	_____	_____
FAX: 858-731-4781 (7888-4781)	Product Manager	_____
Internet: SustainingEngineering@us.fujitsu.com	_____	_____
FTP: ftp://ftp.ftxs.fujitsu.com/	Author	_____
Original signature copies maintained by Sustaining Engineering.		



Units Affected

The following F53 units will have the new firmware applied in future production and upon return for repair.

11001408	KD03235-B003 Fujitsu F53 Bill Dispenser
11000067	KD03235-B006 Fujitsu F53 Bill Dispenser for Next Gen upgrades
12000001	KD03235-B002 Fujitsu F53 Bill Dispenser for G&D upgrades

The F53 Main PCB is also spared. The following changes will occur:

Current F53 PCB is obsolete:

KD20049-B91X F53 Bill Dispenser PCB

Replaced by a new F53 PCB:

KD03234-K900 F53 Bill Dispenser PCB, US0300 FW

The new US0300 firmware can be downloaded from the following FTP site:

<ftp://ftp.ftxs.fujitsu.com/pos/possustaining/Retail/F53/Firmware/>

Refer to existing documentation and procedures for upgrading firmware.

Impact

- Production
 - All units manufactured/shipped from September 2009 with Serial Number KA24154 and higher will have this change implemented.
- Installed Units No impact.
- Repair Center
 - All above units returned for repair will be updated.
 - Updated units will have an identification label/sticker applied.
- Service Spares
 - Only the New (KD03234-K900) Spare PCB part number should be ordered.
 - No stock or specific upgrade program is required.