

Bill-to-Bill Currency Management System. Chassis Firmware Update BB-BCA14946.



Suzo Happ has released chassis control firmware version BB-BCA14946. This version has incorporated changes resulting in substantial performance improvements.

IT IS STRONGLY RECOMMENDED TO UPDATE BILL TO BILL DEVICES WITH THIS VERSION

Release version: A14946

- Chassis version: 000-A1
- Dispenser version: 000-49
- Cassette version: 000-46
- File name: BB-BCA14946.hex

Changes:

1. Improved device initialization function in handling a polymer banknote with a wide transparent window, which jammed during unloading transaction and then was cleared prior to the initialization.
2. Improved Jam Recovery functionality after power cut during unloading to ensure the banknote is delivered back into the originating cassette.
3. Improved Jam Recovery functionality after power cut during dispensing of a single banknote with a wide transparent window from the cassette #1 to ensure the banknote delivered back into the cassette.
4. Fixed the issue when dispenser shutter can close prematurely while dispensing a single polymer banknote with the transparent window.
5. Implemented support of the additional retraction wait time up to 7 minutes. Code changes in Validation Head software are required accordingly.
6. Synchronized the messages in Statistics counters after power cut during loading banknotes into cassettes.
7. Fixed bill retraction failures which happen during retraction activities of the polymer banknotes with the transparent window.

Compatibility:

- BB300 / BB300XE and its variant:

Chassis firmware A14946 is backward compatible with both new and old validation head software.

- SB300 / XB300 / TB300 and its variant:

Chassis firmware A14946 is backward compatible to any Top-dispenser validation head software.

Memory Stick Part Number:

BBM-40BCA14946

Update Procedure:

1. Power down (off) the validator.
2. Remove memory stick (if present).
3. Insert BB-BCA14946 memory stick.
4. Turn the Dip SW 4 to SERVICE mode
5. Power on the validator (apply power).
6. Wait for about a minute while the indicator LED stays red.
7. Wait for the validator to finish initialisation.
8. Observe the LED turning green.
9. Power down (off) the validator.
10. Remove BB-BCA14946 memory stick.
11. Reinstall memory stick (if removed in step 2).
12. Turn the Dip SW 4 to COMMUNICATION mode
13. Power on the validator (apply power).

Procedure to verify the firmware:

On a unit with digital display the software version may be verified using the front panel menu.

Click button 4 -> Unload bills
Click button 3, 4 times -> View versions
Click button 4 -> Version CAS 1
Click button 3, 4 times -> Version CP
Click button 4 -> **000-A1** DL1101

The first line of the display must read 000-A1.

On a unit without digital display run the Extended ID command 0x3E from a controller or a simulator.

The device response as per CCNET specification will translate as below.

Part Number: BB-xxxxxx
SN: 00Kxxxxxxxx
Asset: xxxxxxxxxxxx
BV Boot: DL0319
BV Soft: xxxxx
CPU Boot: DL1101
CPU Soft: **000-A1**
Dispenser Boot: DL1000
Dispenser Soft: **000-49**
Cassette 1 Boot: DL0800
Cassette 2 Boot: DL0800
Cassette 3 Boot: DL0800
Cassette Soft: **000-46**