Revision History

Item No. **Commentary**	Release Date	Device	Country	Comm. Protocol
BB-US1181	07/19/16	BB300	USA	CCNET

1. Acceptance speed has been improved.
2. Overall acceptance rate has been improved.
3. Introduced Jam Recovery feature (in Unloading and Dispensing).
4. "EMPTY DISPENSER" command has been enabled in 0xCA failure state.
5. Processing of Barcodes has been improved.
6. Greeting message changed to "SUZOHAPP".

Limitations:
1. Maintenance mode (cleaning card) is not supported.

BB-US1180	01/09/14	BB300	USA	CCNET

All the latest software improvements in preparation for the divestiture of Bill-to-Bill product line have been incorporated. Software discontinued.

BB-US1170	11/30/11	BB300	USA	CCNET

1. Processing of new 100 USA issued in 2010 has been introduced.
2. Overall acceptance has been improved based on the latest samples of street grade bills.
3. Barcode is prohibited to be stacked to the recycling cassette.
4. BB suspends dispensing and reports BOX REMOVED if drop box was removed over dispensing; BB will resume dispensing after drop box replacement.
5. Point of reporting "Waiting for bills to be removed" (0x1D 0x01) state during dispensing has been changed from the moment when BB starts moving the last bill to be dispensed from recycling cassette to dispenser to the moment when the last bill to be dispensed enters the dispenser.
6. Diagnostic has been introduced.
7. FEED LEVEL capability has been introduced.
8. Commands SET CASSETTE CAPACITY LIMIT and GET CASSETTE CAPACITY LIMIT have been added to CCNET.
9. BB statistics in new format has been introduced.
10. Processing of EMPTY DISPENSER command has been modified to prevent false credit report in non-applicable states.
11. During packing BB tries to reject a bill rather than reports one of the following errors: A8, B5, C2 or E5. This modification allows to prevent jams inside BB switch.

BB-US1158	03/19/08	BB300	USA	CCNET

1. Processing of new 5 USD issued in 2008 has been introduced.
2. Counterfeit protection has been improved based on the latest samples of 50 USD counterfeit and high-quality 100 USD counterfeits.
3. Country code has been replaced with currency code in all internal tables.
4. BB turns to IDLING through chassis re-initialization after the following sequence: drop box removal, chassis removal, then chassis replacement and drop box replacement.

5. The improved algorithm of drop box initialization has been implemented in order to make sure that BB is always able to determine if drop box is completely attached.
6. BB statistics (failure counters) is not supported yet.

BB-US1152   08/08/06   BB300   USA   CCNET

1. Prohibit switching to download mode in the following error states:
   ERROR_LINK_SENS_HV, ERROR_MAGN_SENS_HV and ERROR_OPT_SENS_HV.
2. Prohibit performing software RESET in the following error states:
   ERROR_LINK_SENS_HV, ERROR_MAGN_SENS_HV and ERROR_OPT_SENS_HV.
3. Add "READ BB-DEVICES SERIAL NUMBER" command to CCNET.
4. Remove the control of stand-by battery.
5. Fix for unload in case when some bills were manually removed from the cassette.

BB-US1151   04/25/06   BB300   USA   CCNET

1. Pass sensor's processing during bill packing has been improved to prevent rejection of single bills.
2. 'SET OPTIONS' and 'GET OPTIONS' commands have been added to CCNET.
3. Processing of the following options has been implemented:
   'LED BV INHIBIT' -> 0 - LED is red in BV_INHIBIT state; 1 - LED is turned off
   'KEEP BILL' -> 0 - bill will be dropped after returning; 1 - bill will be held
   'LOOK TAPE' -> enhanced processing of pass sensor (0 - OFF, 1 - ON)
   'TURN SWITCH' -> switch turning after bill packing (0 - OFF, 1 - ON)
4. Loss of cassette setting "Not Assigned" after RESET has been eliminated.
5. Control of triangle wheel in metal bezel during bill accepting has been improved to prevent the bill sticking.
6. Control of thermo heater in metal dispenser has been added.
7. Enhance the algorithm of BB self-testing: if cassette(s) is(are) removed, software has to skip the algorithm of "device recovery after POWER DOWN" and turn to the regular self-testing.
8. Set higher priority to the indication of "BOX REMOVED" state.
9. Make "RECYCLING CASSETTE STATUS" request accessible only in IDLING, DISABLED, ESCROW states (according to "CashCode NET" description).
10. Do not erase an IDENTIFICATION NUMBER of BB unit in statistics after download to the validating head the software designed for another country.
12. BB power recovery feature has been introduced.
13. Nonvolatile counters for counting all dispensed or unloaded bills have been added.
14. Commands "POWER RECOVERY", "EMPTY DISPENSER", "EXTENDED CASSETTE STATUS" have been included to CCNET.
15. Size of the transparent window on the banknote has been brought in to be taken into account during transporting of the bill.
16. Errors related to setting date/time from B2B keypad in Service mode have been fixed.
11. The following error has been fixed: if remove a cassette from the chassis BB keeps trying to pack bills to that cassette.
17. "GET STATUS" command is enable only in IDLING and DISABLED states according to CCNET specification.
18. Error with displaying of "Not Assigned" state for recycling cassettes in Service mode has been fixed.
19. Processing of new 10 USD issued in 2005 has been added.

BB-US1149   08/19/05   BB300   USA   CCNET

Distinctive features are:
1. Pass sensor's processing during bill packing has been improved to prevent rejection of single bills.

2. 'SET OPTIONS' and 'GET OPTIONS' commands have been added to CCNET.
3. Processing of the following options has been implemented:
   'LED BV INHIBIT' -> 0 - LED is red in BV_INHIBIT state; 1 - LED is turned off
   'KEEP BILL' -> 0 - bill will be dropped after returning;1 - bill will be held
   'LOOK TAPE' -> enhanced processing of pass sensor (0 - OFF, 1 - ON)
   'TURN SWITCH' -> switch turning after bill packing (0 - OFF, 1 - ON)
4. Loss of cassette setting "Not Assigned" after RESET has been eliminated.
5. Control of triangle wheel in metal bezel during bill accepting has been improved to prevent the bill sticking.
6. Bill drop during rejecting or returning has been eliminated.

BB-US1147 04/14/05 BB300 USA CCNET

Error in download procedure of chassis software via CCNET was fixed.

BB-US1746 04/04/05 BB300 USA CCNET

1. Chassis soft download via CCNET was added.
2. Short bill returning was improved.
3. CCNET interface was updated by adding the command for chassis soft download + command 'Extended Identification' + turn to download from 'BV_Failure'&'BV_Box_Removed' states.

BB-US1745 03/09/05 BB300 USA CCNET

Improved control of centering mechanism during bill rejecting or returning

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BB-US1744 03/01/05 BB300 USA CCNET

1. Metal bezel is supported; barcode recognition was added.
2. Jam (credit loss) prevention is implemented.

BB-US1742 01/31/05 BB300 USA CCNET

Acceptance of $1; $50('96) & $100('95) bills was improved.

BB-US1740 12/21/04 BB300 USA CCNET

First release for new hardware.