Revision History

Item No. **Commentary**	Release Date (mm/dd/yy)	Device	Country	Comm. Protocol
BB-EUGBGI1187	06/24/22	BB300	Euro + England + Gibraltar	CCNET

1. Processing of new 5 GIP issued in 2021 has been introduced.
2. Processing of old 5 GIP (2011) has been disabled.
3. Processing of older paper 20 GBP (Bank of England, issued in 2007) has been disabled upon the customer's approval.
4. Overall acceptance rate has been improved.
5. Implemented automatic restoring of the recycling cassette capacity limit after restart ("Reset" command, power interruption, etc.).
6. Supported Denomination Set has been updated to "SDS-EUR3GBP3GIP3-R6".

Limitations:
1. Maintenance Mode can be enabled using Communication Protocol only.
2. Power recovery is limited because of transparent windows on the banknotes.
3. Bill retraction functionality is limited. "Empty Dispenser" command must follow immediately after bill retraction (state "CA").
4. Dispenser shutter can close prematurely while dispensing single polymer note.
   Upgrade to chassis revision BB-BCA14946 or later is required to fix the issue.

BB-EUGBGI1186	07/29/20	BB300	Euro + England + Gibraltar	CCNET

1. Processing of new polymer 20 GBP (2020, Bank of England) has been introduced.
2. Processing of old 5, 10 and 20 EUR (series 2002) has been disabled.
3. "Anti-fishing" feature has been improved for polymer banknotes.
4. Detection and rejection of business/plastic cards has been improved.

Limitations:
1. Maintenance Mode can be enabled using Communication Protocol only.
2. Power recovery is limited because of transparent windows on the banknotes.
3. Bill retraction functionality is limited. "Empty Dispenser" command must follow immediately after bill retraction (state "CA").
4. Dispenser shutter can close prematurely while dispensing single polymer note.
   Upgrade to chassis revision BB-BCA14946 or later is required to fix the issue.

BB-EUGBGI1185	03/13/18 CCNET	BB300	Euro + England + Gibraltar	

1. Processing of old paper 10 GBP (2000, Bank of England) has been disabled.
2. Fixed CCNET command applicability after bills retraction.
   That prevents invalid/unexpected operations of the unit when the banknotes are inside of dispenser.
3. Implemented workaround for potential recoverable bezel indication problem in Idling state.

Limitations:

1.   Maintenance Mode can be enabled using Communication Protocol only.
2.   Power recovery is limited because of transparent windows on the banknotes.
3.   Bill retraction functionality is limited. "Empty Dispenser" command must follow immediately after bill retraction (state "CA").

BB-EUGBGI1184　　　　05/08/17　　　　BB300　　　　Euro + England + Gibraltar　　　　CCNET

1.   Processing of new polymer 10 GBP (2017, Bank of England) has been introduced.
2.   Processing of 5 GBP (2002, Bank of England) has been disabled.
3.   Acceptance rate for polymer 5 GBP (2016, Bank of England) has been improved based on the latest samples of scans and street grade bills received from customer.
4.   Detection and rejection of paper infused EUR banknotes has been implemented.
5.   Overall acceptance rate has been improved.
6.   "EMPTY DISPENSER" command is enabled in 0xCA failure state.

Limitations:
1.   Maintenance Mode can be enabled using Communication Protocol only.
2.   Jam / Power recovery is limited because of transparent windows on the banknotes.

BB-EUGBGI1183　　　　04/18/16　　　　BB300　　　　Euro + England + Gibraltar　　　　CCNET

1.   Processing of new polymer 5 GBP (2016) has been introduced.
2.   Rejection of folded EUR banknotes has been improved to prevent cross-validation.
3.   Overall acceptance rate has been improved.
4.   Fixed an error in sensor synchronization that might lead to reduced acceptance rate.

Limitations:
1.   Maintenance Mode can be enabled using Communication Protocol only.

BB-EUGBGI1182　　　　08/18/15　　　　BB300　　　　Euro + England + Gibraltar　　　　CCNET

1.   Processing of new 20 EUR (2015) has been introduced.
2.   Detection and rejection of EUR counterfeits has been improved.
3.   Overall acceptance rate has been improved.
4.   Eliminated false bills rejection accompanied by "CHEATED" message.
5.   Fixed Power recovery issues during stacking.
6.   Fixed missing message about unloaded bills before BOX FULL message.
7.   Corrected processing of Statistics counters for bills, packed into cassette after "Power cut during stacking".
8.   Eliminated false Power recovery report during initialization after BOX FULL message.
9.   Root cause of Infinite initialization cycle found and resolved by putting a boundary check to prevent memory corruption during scanning.

Limitations:
1.   Maintenance Mode can be enabled using Communication Protocol only.

BB-EUGBGI1181　　　　11/03/15　　　　BB300　　　　Euro + England + Gibraltar　　　　CCNET

1.   Overall acceptance rate has been improved.
2.   Rejection of folded new 10 Euro has been improved to prevent cross-validation.

3. Detection and rejection of counterfeits has been improved.
4. Processing of Barcodes has been improved.
5. Eliminated random false "BOX FULL" reports.
6. Maintenance mode (cleaning card) support added.
7. "Greeting message changed to "SUZOHAPP".
8. Bill length transfer into chassis was implemented.
9. DISPENSED message added in case of Dispenser failure during Dispensing operation.
10. CCNET_READ_MODULES_ID support became enabled for Idling mode.
11. Credit message added when reset on accepting.
12. Infinite initialization cycle is fixed. Unit can exit this multifunction state upon reception "RESET" command.
13. Optical length filter was implemented.
14. Fixed issues with "BOX REMOVED" reporting.
15. Service mode support is re-enabled.
16. Added checking for magnetic sensors' defects.
17. Chassis update using memory card is fixed.

Limitations:
1. Maintenance Mode can be enabled using Communication Protocol only.

| **BB-EUGBGI1180** | 07/23/14 | BB300 | Euro + England + Gibraltar | CCNET |

Introduction of new 10 EUR (2014).

| **BB-EUGBGI1165** | 08/10/10 | BB300 | Euro + England + Gibraltar | CCNET |

1. Processing of old 20 GBP (Bank of England) has been disabled.
2. Processing of EMPTY DISPENSER command has been modified to prevent false credit report in non-applicable states.
3. 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-EUGBGI1162** | 08/25/09 | BB300 | Euro + England + Gibraltar | CCNET |

First release.

Distinctive features are:
1. Barcode recognition.
2. Chassis soft download via CCNET.
3. Improved short bill returning.
4. Pass sensor's processing during bill packing has been improved to prevent rejection of single bills.
5. 'SET OPTIONS' and 'GET OPTIONS' commands have been added to CCNET.
6. 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)
7. Loss of cassette setting "Not Assigned" after RESET has been eliminated.
8. Control of thermo heater in metal dispenser has been added.

9. 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.
10. Set higher priority to the indication of "BOX REMOVED" state.
11. Make "RECYCLING CASSETTE STATUS" request accessible only in IDLING, DISABLED, ESCROW states (according to "CashCode NET" description).
12. BB power recovery feature has been introduced.
13. Non-volatile 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.
17. The following error has been fixed: if remove a cassette from the chassis BB keeps trying to pack bills to that cassette.
18. "GET STATUS" command is enable only in IDLING and DISABLED states according to CCNET specification.
19. Error with displaying of "Not Assigned" state for recycling cassettes in Service mode has been fixed.
20. Prohibit switching to download mode in the following error states: ERROR_LINK_SENS_HV, ERROR_MAGN_SENS_HV and ERROR_OPT_SENS_HV.
21. Prohibit performing software RESET in the following error states: ERROR_LINK_SENS_HV, ERROR_MAGN_SENS_HV and ERROR_OPT_SENS_HV.
22. Add "READ BB-DEVICES SERIAL NUMBER" command to CCNET.
23. Fix for unload in case when some bills were manually removed from the cassette has been implemented.
24. BB turns to IDLING through chassis re-initialization after the following sequence: drop box removal, chassis removal, then chassis replacement and drop box replacement.
25. BB statistics (failure counters) is not supported yet.
26. 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.
27. Country code has been replaced with currency code in all internal tables.
28. Barcode is prohibited to be stacked to the recycling cassette.
29. BB suspends dispensing and reports BOX REMOVED if drop box was removed over dispensing; BB will resume dispensing after drop box replacement.
30. 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.
31. Diagnostic has been introduced.
32. FEED LEVEL capability has been introduced.
33. Commands SET CASSETTE CAPACITY LIMIT and GET CASSETTE CAPACITY LIMIT have been added to CCNET.