

Revision History

Item No.	Release Date	Device	Country	Comm. Protocol
Commentary				
<u>BB-EU1192</u>	12/04/20	BB300	Europe	CCNET
<ol style="list-style-type: none"> 1. Acceptance rate for 500 EUR has been improved. 2. Barcode acceptance has been improved by introducing of triple scanning feature. When Barcodes are enabled for the acceptance, triple scanning feature is enabled automatically. 				
<u>BB-EU1191</u>	12/22/18	BB300	Europe	CCNET
<ol style="list-style-type: none"> 1. Processing of new 100 EUR (2019) and 200 EUR (2019) has been introduced. 2. Counterfeits protection has been improved for 20 EUR. 				
<u>BB-EU1190</u>	03/14/18	BB300	Europe	CCNET
<ol style="list-style-type: none"> 1. Fixed regression which prevented Dispensing Command to be process properly after Power Cut or Failure. 2. Implemented workaround for potential recoverable bezel indication problem in Idling state. 				
<u>BB-EU1189</u>	06/06/17	BB300	Europe	CCNET
<ol style="list-style-type: none"> 1. Detection and rejection of counterfeits 50 EUR (2002) has been improved based on samples from the field. 2. Support of 50 EUR (2017) banknotes with "R"-code, printed by BUNDESDRUCKEREI, has been added. 3. Fixed CCNET command applicability after bills retraction. That prevents invalid/unexpected operations of the unit when the banknotes are inside of dispenser. 				
<u>BB-EU1188</u>	11/25/16	BB300	Europe	CCNET
<ol style="list-style-type: none"> 1. Processing of new 50 EUR (2017) has been introduced. 2. Detection and rejection of paper infused banknotes has been implemented. 3. "EMPTY DISPENSER" command has been enabled in 0xCA failure state. 				
<u>BB-EU1187</u>	08/26/15	BB300	Europe	CCNET
<ol style="list-style-type: none"> 1. Processing of new 20 EUR (2015) has been introduced. 2. Rejection of folded new 20 Euro has been improved to prevent cross-validation. 3. Detection and rejection of EUR counterfeits has been improved. 4. Overall acceptance rate has been improved. 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. 				
<u>BB-EU1186</u>	04/14/15	BB300	Europe	CCNET
<ol style="list-style-type: none"> 1. Processing of Barcodes has been improved. 2. Detection and rejection of counterfeits has been improved. 3. Acceptance rate of 500 EUR has been improved. 				

December 4, 2020

4. Processing of 50, 100, 200 and 500 EUR in High Security mode has been improved.

<u>BB-EU1185</u>	10/12/14	BB300	Europe	CCNET
-------------------------	----------	-------	--------	-------

1. Overall acceptance has been improved.
2. Acceptance of new 10 EUR has been improved.
3. Rejection of folded new 10 Euro has been improved (before it was sometimes accepted as new 5 Euro).
4. Processing of Barcodes has been improved.
5. Maintenance (cleaning card) support was added.

<u>BB-EU1184</u>	09/16/14	BB300	Europe	CCNET
-------------------------	----------	-------	--------	-------

Improved 20 EUR acceptance.

<u>BB-EU1183</u>	06/04/14	BB300	Europe	CCNET
-------------------------	----------	-------	--------	-------

Processing of new 10 EUR to be issued in 2014 has been introduced.

<u>BB-EU1181</u>	03/18/13	BB300	Europe	CCNET
-------------------------	----------	-------	--------	-------

1. Processing of new 5 EUR to be issued in 2013 has been introduced.
2. Performance improvement to 5, 20 and 50 EUR.

<u>BB-EU1180</u>	10/11/12	BB300	Europe	CCNET
-------------------------	----------	-------	--------	-------

1. 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.
2. Jam recovery during Unload has been introduced: after jam in lower tract of BB chassis during unloading operation BB returns jammed bill back to corresponding cassette and try to unload the same bill again. This feature has been implemented for 0xE1, 0xE2, 0xE3, 0xE4, 0xE5, 0xE6 error codes.
3. Jam recovery during Dispense has been introduced: if time-out of bill arriving to the input sensor of dispenser (error code 0xD4) is detected then BB returns jammed bill back to corresponding cassette and try to dispense the same bill again.

<u>BB-EU1172</u>	08/13/12	BB300	Europe	CCNET
-------------------------	----------	-------	--------	-------

Performance improvement to 20 EUR.

<u>BB-EU1170</u>	08/31/11	BB300	Europe	CCNET
-------------------------	----------	-------	--------	-------

1. Acceptance of 200 EUR has been improved.
2. BB statistics in new format has been introduced.

<u>BB-EU1165</u>	09/15/10	BB300	Europe	CCNET
-------------------------	----------	-------	--------	-------

1. FEED LEVEL capability has been introduced.
 2. Commands SET CASSETTE CAPACITY LIMIT and GET CASSETTE CAPACITY LIMIT have been added to CCNET.
 3. Processing of EMPTY DISPENSER command has been modified to prevent false credit report in non-applicable states.
 4. 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.
 5. Overall acceptance has been improved according to the latest samples of street grade bills.
-

December 4, 2020

<u>BB-EU1159</u>	09/29/08	BB300	Europe	CCNET
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.				
<u>BB-EU1158</u>	06/04/08	BB300	Europe	CCNET
<ol style="list-style-type: none"> 1. Diagnostic command has been introduced (see MAN_CCNET d7 Rev.2.5.1). 2. Problem with barcodes stacked to the Escrow cassette (must be packed into drop box only) has been fixed. 3. If drop box is removed over dispensing then BB suspends dispensing and reports BOX REMOVED, dispensing will be resumed after drop box replacement. 				
<u>BB-EU1154</u>	05/07/07	BB300	Europe	CCNET
Bill processing has been corrected in order to prevent acceptance of folded 10 & 20 EUR with 5 EUR credit.				
<u>BB-EU1153</u>	01/31/07	BB300	Europe	CCNET
<ol style="list-style-type: none"> 1. BB turns to IDLING through chassis re-initialization after the following sequence: drop box removal, chassis removal, then chassis replacement and drop box replacement. 2. The keeping of correct BB statistics has been brought in (failure counters). 3. 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. 				
<u>BB-EU1152</u>	06/27/06	BB300	Europe	CCNET
<ol style="list-style-type: none"> 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. 				
<u>BB-EU1151</u>	04/26/06	BB300	Europe	CCNET
<ol style="list-style-type: none"> 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. 				

December 4, 2020

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.
11. BB power recovery feature has been introduced.
12. Non-volatile counters for counting all dispensed or unloaded bills have been added.
13. Commands "POWER RECOVERY", "EMPTY DISPENSER", "EXTENDED CASSETTE STATUS" have been included to CCNET.
14. Size of the transparent window on the banknote has been brought in to be taken into account during transporting of the bill.
15. Errors related to setting date/time from B2B keypad in Service mode have been fixed.
16. The following error has been fixed: if remove a cassette from the chassis.

<u>BB-EU1148</u>	04/27/05	BB300	Europe	CCNET
Bill table was corrected; bill drop during rejecting or returning has been eliminated.				
<u>BB-EU1147</u>	04/14/05	BB300	Europe	CCNET
Error in download procedure of chassis software via CCNET was fixed.				
<u>BB-EU1746</u>	04/11/05	BB300	Europe	CCNET
Chassis soft download via CCNET was added; short bill returning was improved; 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.				
<u>BB-EU1744</u>	03/04/05	BB300	Europe	CCNET
Jam prevention; barcode recognition and metal bezel support have been implemented.				
<u>BB-EU1742</u>	02/02/05	BB300	Europe	CCNET
First release for new hardware.				