January 4, 2019

## **Revision History**

| Item No.   |   | Release<br>Date   | Device  | Country  | Comm.<br>Protocol  |  |  |
|--|---|---|---|--|--|--|--|
| Cor  | nmentary  |   |   |  |  |  |  |
| BE-EU1113  |   | 01/04/19  | BB300XE_SS  | Europe   | CCNET  |  |  |
| 1.   | Processing of new 100 E   | EUR (2019) and 20   | 00 EUR (2019) has beer  | n introduced.  |  |  |  |
| 2.   | Counterfeits protection has been improved for 20 EUR.   |   |   |  |  |  |  |
| 3.<br>4.   | Fixed regression which prevented Dispensing Command to be process properly after Power Cut or Failure<br>Implemented workaround for potential recoverable bezel indication problem in Idling state.   |   |   |  |  |  |  |
| BE-EU1112  |   | 06/19/17  | BB300XE_SS  | Europe   | CCNET  |  |  |
| 1.   | Detection and rejection the field.  | of counterfeits 50  | ) EUR (2002) has been i   | improved based or  | samples from   |  |  |
| 2.   | Fixed CCNET command a   | •••   |   |  |  |  |  |
| C  | That prevents invalid/un  | · ·   |   |  | nside of dispenser.  |  |  |
| 3.   | Fixed chassis software u  | pdate issues whei   | n CPU Memory Stick is   | used.  |  |  |  |
| <u>BE-EU1111</u>   |   | 03/09/17  | BB300XE_SS  | Europe   | CCNET  |  |  |
| 1.   | Processing of new 50 EUR (2017) has been introduced, including support of banknotes with "R"-code, printed by BUNDESDRUCKEREI.  |   |   |  |  |  |  |
|  |   |   |   |  |  |  |  |
| 2.   | Overall acceptance rate   |   | ed.   |  |  |  |  |
| 2.<br>3.   | Overall acceptance rate Detection and rejection   | has been improve<br>of paper infused b  | banknotes has been im   | •  |  |  |  |
|  | Overall acceptance rate   | has been improve<br>of paper infused b  | banknotes has been im   | •  | 3.   |  |  |
| 3.   | Overall acceptance rate Detection and rejection   | has been improve<br>of paper infused b  | banknotes has been im   | •  | e.<br>CCNET  |  |  |
| 3.<br>4.   | Overall acceptance rate Detection and rejection   | has been improve<br>of paper infused b<br>or new BCU (Box C<br>09/18/15   | banknotes has been im<br>Control Unit) with incre<br>BB300XE_SS   | ased stacking force  |  |  |  |
| 3.<br>4.<br>BE-EU1110<br>1.<br>2.  | Overall acceptance rate<br>Detection and rejection<br>Implemented support fo<br>Processing of new 20 EL<br>Rejection of folded new  | has been improve<br>of paper infused b<br>or new BCU (Box C<br>09/18/15<br>JR (2015) has been<br>20 EUR has been  | banknotes has been im<br>Control Unit) with incre<br>BB300XE_SS<br>en introduced.<br>i implemented to preve   | ased stacking force  | CCNET  |  |  |
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| 3.<br>4.<br>BE-EU1110<br>1.<br>2.<br>3.<br>4.  | Overall acceptance rate<br>Detection and rejection<br>Implemented support fo<br>Processing of new 20 EL<br>Rejection of folded new<br>Detection and rejection<br>Eliminated false Power   | has been improve<br>of paper infused I<br>or new BCU (Box C<br>09/18/15<br>JR (2015) has been<br>20 EUR has been<br>of counterfeits has<br>recovery report d  | banknotes has been im<br>Control Unit) with incre<br>BB300XE_SS<br>in introduced.<br>implemented to preve<br>as been improved.<br>uring initialization afte   | ased stacking force<br>Europe<br>ent cross-validatior  | CCNET  |  |  |
| 3.<br>4.<br>BE-EU1110<br>1.<br>2.<br>3.<br>4.<br>5.  | Overall acceptance rate<br>Detection and rejection<br>Implemented support fo<br>Processing of new 20 EU<br>Rejection of folded new<br>Detection and rejection<br>Eliminated false Power<br>Fixed Power recovery is  | has been improve<br>of paper infused b<br>or new BCU (Box C<br>09/18/15<br>JR (2015) has been<br>20 EUR has been<br>of counterfeits has<br>recovery report d<br>sues during stack   | banknotes has been im<br>Control Unit) with incre<br>BB300XE_SS<br>in introduced.<br>i implemented to preve<br>as been improved.<br>uring initialization afte<br>ing.   | Europe<br>Europe<br>ent cross-validatior<br>r BOX FULL messag  | CCNET  |  |  |
| 3.<br>4.<br>BE-EU1110<br>1.<br>2.<br>3.<br>4.<br>5.<br>6.  | Overall acceptance rate<br>Detection and rejection<br>Implemented support fo<br>Processing of new 20 EU<br>Rejection of folded new<br>Detection and rejection<br>Eliminated false Power<br>Fixed Power recovery is<br>Fixed missing message a   | has been improve<br>of paper infused b<br>or new BCU (Box C<br>09/18/15<br>JR (2015) has been<br>20 EUR has been<br>of counterfeits has<br>recovery report d<br>sues during stacki<br>about unloaded b  | banknotes has been im<br>Control Unit) with incre<br>BB300XE_SS<br>in introduced.<br>implemented to preve<br>as been improved.<br>uring initialization afte<br>ing.<br>ills before BOX FULL mo  | Europe<br>Europe<br>ent cross-validatior<br>r BOX FULL message   | CCNET<br>n.<br>ge.   |  |  |
| 3.<br>4.<br>BE-EU1110<br>1.<br>2.<br>3.<br>4.<br>5.  | Overall acceptance rate<br>Detection and rejection<br>Implemented support fo<br>Processing of new 20 EU<br>Rejection of folded new<br>Detection and rejection<br>Eliminated false Power<br>Fixed Power recovery is  | has been improve<br>of paper infused I<br>or new BCU (Box C<br>09/18/15<br>JR (2015) has been<br>of counterfeits has<br>recovery report d<br>sues during stacking<br>about unloaded b   | banknotes has been im<br>Control Unit) with incre<br>BB300XE_SS<br>in introduced.<br>implemented to preve<br>as been improved.<br>uring initialization afte<br>ing.<br>ills before BOX FULL more<br>rs for bills, packed into   | Europe<br>Europe<br>ent cross-validatior<br>r BOX FULL message   | CCNET<br>n.<br>ge.   |  |  |
| 3.<br>4.<br>BE-EU1110<br>1.<br>2.<br>3.<br>4.<br>5.<br>6.<br>7.  | Overall acceptance rate<br>Detection and rejection<br>Implemented support for<br>Processing of new 20 EU<br>Rejection of folded new<br>Detection and rejection<br>Eliminated false Power<br>Fixed Power recovery is<br>Fixed missing message a<br>Corrected processing of   | has been improve<br>of paper infused B<br>or new BCU (Box C<br>09/18/15<br>JR (2015) has been<br>of counterfeits has<br>recovery report d<br>sues during stack<br>about unloaded b<br>Statistics counter<br>edure for bills pac   | banknotes has been im<br>Control Unit) with incre<br>BB300XE_SS<br>in introduced.<br>implemented to preve<br>as been improved.<br>uring initialization afte<br>ing.<br>ills before BOX FULL more<br>rs for bills, packed into<br>cked into Drop Box.  | Europe<br>Europe<br>ent cross-validatior<br>r BOX FULL messag<br>essage.<br>cassette after "Po   | CCNET<br>n.<br>ge.   |  |  |
| 3.<br>4.<br>BE-EU1110<br>1.<br>2.<br>3.<br>4.<br>5.<br>6.<br>7.<br>8.  | Overall acceptance rate<br>Detection and rejection<br>Implemented support for<br>Processing of new 20 EU<br>Rejection of folded new<br>Detection and rejection<br>Eliminated false Power<br>Fixed Power recovery is<br>Fixed missing message a<br>Corrected processing of<br>Improved stacking processing   | has been improve<br>of paper infused B<br>or new BCU (Box C<br>09/18/15<br>JR (2015) has been<br>of counterfeits has<br>recovery report d<br>sues during stack<br>about unloaded b<br>Statistics counter<br>edure for bills pac   | banknotes has been im<br>Control Unit) with incre<br>BB300XE_SS<br>in introduced.<br>implemented to preve<br>as been improved.<br>uring initialization afte<br>ing.<br>ills before BOX FULL more<br>rs for bills, packed into<br>cked into Drop Box.  | Europe<br>Europe<br>ent cross-validatior<br>r BOX FULL messag<br>essage.<br>cassette after "Po   | CCNET<br>n.<br>ge.   |  |  |
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| 3.<br>4.<br>BE-EU1110<br>1.<br>2.<br>3.<br>4.<br>5.<br>6.<br>7.<br>8.<br>9.<br>BE-EU1109                                     | Overall acceptance rate<br>Detection and rejection<br>Implemented support for<br>Processing of new 20 EL<br>Rejection of folded new<br>Detection and rejection<br>Eliminated false Power<br>Fixed Power recovery is<br>Fixed missing message a<br>Corrected processing of<br>Improved stacking proce<br>Eliminated false bills rej  | has been improve<br>of paper infused b<br>or new BCU (Box C<br>09/18/15<br>JR (2015) has been<br>of counterfeits has<br>recovery report d<br>sues during stack<br>about unloaded b<br>Statistics counter<br>edure for bills pac<br>ection accompani<br>01/26/15<br>ew 10 Euro has b   | banknotes has been im<br>Control Unit) with incre<br>BB300XE_SS<br>in introduced.<br>implemented to preve<br>as been improved.<br>uring initialization afte<br>ing.<br>ills before BOX FULL more<br>rs for bills, packed into<br>cked into Drop Box.<br>ied by "CHEATED" mes<br>BB300XE_SS<br>been improved to pre  | Europe<br>Europe<br>ent cross-validatior<br>r BOX FULL messag<br>essage.<br>cassette after "Po<br>sage<br>Europe   | CCNET<br>i.<br>ge.<br>wer cut during stacking<br>CCNET<br>tion.                    |  |  |
| 3.<br>4.<br>BE-EU1110<br>1.<br>2.<br>3.<br>4.<br>5.<br>6.<br>7.<br>8.<br>9.<br>BE-EU1109<br>1.                               | Overall acceptance rate<br>Detection and rejection<br>Implemented support for<br>Processing of new 20 EU<br>Rejection of folded new<br>Detection and rejection<br>Eliminated false Power<br>Fixed Power recovery is<br>Fixed missing message a<br>Corrected processing of<br>Improved stacking proce<br>Eliminated false bills rej  | has been improve<br>of paper infused b<br>or new BCU (Box C<br>09/18/15<br>JR (2015) has been<br>of counterfeits has<br>recovery report d<br>sues during stack<br>about unloaded b<br>Statistics counter<br>edure for bills pac<br>ection accompanie<br>01/26/15<br>ew 10 Euro has b<br>as been improve   | BB300XE_SS<br>en introduced.<br>implemented to preve<br>as been improved.<br>uring initialization afte<br>ing.<br>ills before BOX FULL mo<br>rs for bills, packed into<br>cked into Drop Box.<br>ied by "CHEATED" mes<br>BB300XE_SS<br>been improved to pre<br>d in High Acceptance   | Europe<br>Europe<br>ent cross-validation<br>r BOX FULL messag<br>essage.<br>cassette after "Por<br>sage<br>Europe<br>Europe  | CCNET<br>i.<br>ge.<br>wer cut during stacking<br>CCNET<br>tion.                    |  |  |
| 3.<br>4.<br>BE-EU1110<br>1.<br>2.<br>3.<br>4.<br>5.<br>6.<br>7.<br>8.<br>9.<br>BE-EU1109<br>1.<br>2.                         | Overall acceptance rate<br>Detection and rejection<br>Implemented support for<br>Processing of new 20 EU<br>Rejection of folded new<br>Detection and rejection<br>Eliminated false Power<br>Fixed Power recovery is<br>Fixed missing message a<br>Corrected processing of<br>Improved stacking proce<br>Eliminated false bills rej<br>Rejection of folded new<br>Overall acceptance ha  | has been improve<br>of paper infused I<br>or new BCU (Box C<br>09/18/15<br>JR (2015) has been<br>of counterfeits has<br>recovery report d<br>sues during stacking<br>about unloaded b<br>5 statistics counter<br>edure for bills pac<br>ection accompani<br>01/26/15<br>ew 10 Euro has b<br>as been improve<br>on of counterfeit  | banknotes has been im<br>Control Unit) with incre<br>BB300XE_SS<br>en introduced.<br>implemented to preve<br>as been improved.<br>uring initialization afte<br>ing.<br>ills before BOX FULL me<br>rs for bills, packed into<br>cked into Drop Box.<br>ied by "CHEATED" mes<br>BB300XE_SS<br>been improved to pre<br>d in High Acceptance<br>ts has been improved  | Europe<br>Europe<br>ent cross-validation<br>r BOX FULL messag<br>essage.<br>cassette after "Por<br>sage<br>Europe<br>Europe  | CCNET<br>i.<br>ge.<br>wer cut during stacking<br>CCNET<br>tion.                    |  |  |
| 3.<br>4.<br>BE-EU1110<br>1.<br>2.<br>3.<br>4.<br>5.<br>6.<br>7.<br>8.<br>9.<br>BE-EU1109<br>1.<br>2.<br>3.<br>4.<br>5.<br>5. | Overall acceptance rate<br>Detection and rejection<br>Implemented support for<br>Processing of new 20 EU<br>Rejection of folded new<br>Detection and rejection<br>Eliminated false Power<br>Fixed Power recovery is<br>Fixed missing message a<br>Corrected processing of<br>Improved stacking proce<br>Eliminated false bills rej<br>Rejection of folded new<br>Overall acceptance ha<br>Detection and rejection<br>"CashCode" was change<br>Bill length transfer into | has been improve<br>of paper infused h<br>or new BCU (Box C<br>09/18/15<br>JR (2015) has been<br>of counterfeits has<br>recovery report d<br>sues during stack<br>about unloaded b<br>Statistics counter<br>edure for bills pac<br>ection accompanie<br>01/26/15<br>ew 10 Euro has b<br>as been improve<br>on of counterfeit<br>ed to "Suzo-Happ<br>chassis was imple   | banknotes has been im<br>Control Unit) with incre<br>BB300XE_SS<br>in introduced.<br>implemented to preve<br>as been improved.<br>uring initialization afte<br>ing.<br>ills before BOX FULL mi<br>rs for bills, packed into<br>cked into Drop Box.<br>ied by "CHEATED" mes<br>BB300XE_SS<br>been improved to pre<br>d in High Acceptance<br>ts has been improved<br>Group" everywhere.<br>emented.                            | Europe<br>Europe<br>ent cross-validation<br>r BOX FULL message<br>essage.<br>cassette after "Por<br>sage<br>Europe<br>event cross-valida<br>and High Securit<br>I. | CCNET<br>,<br>,<br>,<br>,<br>wer cut during stacking<br>CCNET<br>tion.<br>y modes. |  |  |
| 3.<br>4.<br>BE-EU1110<br>1.<br>2.<br>3.<br>4.<br>5.<br>6.<br>7.<br>8.<br>9.<br>BE-EU1109<br>1.<br>2.<br>3.<br>4.             | Overall acceptance rate<br>Detection and rejection<br>Implemented support for<br>Processing of new 20 EU<br>Rejection of folded new<br>Detection and rejection<br>Eliminated false Power<br>Fixed Power recovery is<br>Fixed missing message a<br>Corrected processing of<br>Improved stacking proce<br>Eliminated false bills rej<br>Rejection of folded new<br>Overall acceptance has<br>Detection and rejection<br>"CashCode" was changed                            | has been improve<br>of paper infused B<br>or new BCU (Box C<br>09/18/15<br>JR (2015) has been<br>of counterfeits has<br>recovery report d<br>sues during stacking<br>about unloaded b<br>Statistics counter<br>edure for bills pace<br>edure for bills pace | banknotes has been im<br>Control Unit) with incre<br>BB300XE_SS<br>en introduced.<br>implemented to preve<br>as been improved.<br>uring initialization afte<br>ing.<br>ills before BOX FULL me<br>rs for bills, packed into<br>cked into Drop Box.<br>ied by "CHEATED" mes<br>BB300XE_SS<br>been improved to pre<br>d in High Acceptance<br>ts has been improved<br>Group" everywhere.<br>emented.<br>penser failure during D | Europe<br>Europe<br>ent cross-validation<br>r BOX FULL messag<br>essage.<br>cassette after "Por<br>sage<br>Europe<br>vent cross-valida<br>and High Securit<br>I.   | CCNET<br>,<br>,<br>,<br>,<br>wer cut during stacking<br>CCNET<br>tion.<br>y modes. |  |  |

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- 8. Credit message added when reset on accepting.
- 9. Infinite initialization cycle is fixed. Unit can exit this multifunction state upon reception "RESET" command.
- 10. Optical length filter was implemented.

| <u>BE-EU1108</u>  | 07/09/14   | BB300XE_SS | Europe | CCNET |  |  |  |  |
|---|--|------------|--------|-------|--|--|--|--|
| •   | The update includes automatic recovery procedure for extended memory stick communication errors (9B:23 and 9B:16). |            |        |       |  |  |  |  |
| BE-EU1107   | 06/16/14   | BB300XE_SS | Europe | CCNET |  |  |  |  |
| Processing of new 10 EUR to be issued in 2014 has been introduced.  |  |            |        |       |  |  |  |  |
| <u>BE-EU1106</u>  | 02/01/14   | BB300XE_SS | Europe | CCNET |  |  |  |  |
| <ol> <li>Improved extended memory card performance (9B:16).</li> <li>Enhanced status reporting during maintenance.</li> <li>Implemented functionality of Service mode during normal operation and maintenance.</li> </ol> |  |            |        |       |  |  |  |  |

- 4. Maintenance mode with B2B 100, 200 or 300XE (software adjusts to number of cassettes).
- 5. Implemented control of maintenance mode via protocol.
- 6. Improved acceptance of barcodes (improved poor acceptance of long maintenance card due to change in design and shifting barcode position).
- 7. Improved bill retraction option to be able to retract a combination of long and short bills; reduced jamming.
- 8. Implemented subsequent presentation of the retracted banknotes to the dispenser opening upon receiving empty dispenser command from the host; this command is applicable when 0xCA failure state.