

For more information please contact [support@innovative-technology.co.uk](mailto:support@innovative-technology.co.uk)

Product	BV20	BV50	BV100	NV9 USB / NV11	NV10 USB	NV200 / SMART Payout	SMART Hopper
Firmware Revision	4.09	4.09	4.07	3.44	3.31	4.18	6.17

### NV9 USB firmware version 3.44 released

A new version of NV9 USB firmware has now been released 3.44. Firmware is contained within the currency dataset files and is available to download from our website within Technical Support / Currency Download.

#### New Functionality:

Changed USB descriptor to "NV9USB"

Added option for delayed comms on MDB startup

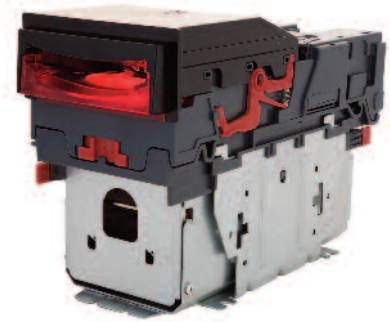
#### New Features:

Added support for payout on MDB

Added Change Baud Rate command on SSP

Added Reset Encryption Key and Set Encryption Key on SSP

Added option for flashing bezel on MDB



### NV10 USB firmware version 3.31 released

A new version of NV10 USB firmware has now been released 3.31. Firmware is contained within the currency dataset files and is available to download from our website within Technical Support / Currency Download.

#### New Functionality:

Added single line inhibit support for Pulse interface

Added flash code for DES encryption when requesting protocol details via the push button

New USB driver to address motor run issues on SIO

#### New Features:

Added Get Build Revision, Get Firmware Revision and Get Dataset Version commands on SSP

Added option for flashing bezel on MDB

Added Change Baud Rate, Reset Encryption Key and Set Encryption Key commands on SSP

### NV200 firmware version 4.18 released

A new version of NV200 firmware has now been released 4.18. Firmware is contained within the currency dataset files and is available to download from our website within Technical Support / Currency Download.

#### New Functionality:

Hostless Refill Mode - allows refilling of SP without a host machine.

Unit now supports up to 24 note channels and 5 currencies simultaneously (SSP only).

Note in bezel event added to CC2 protocol.

Changed USB descriptor to "NV200".

#### New Features:

Datasets are now fully checksummed to prevent corruption.

Bezel colours can be set in ccTalk, CC1 and CC2 protocols.

Unit now recalibrates on payout as well as payin.



## NV Card Utilities version 1.4 released

A new version of NV card utilities has been released and is available to download from our website within Technical Support / software Download. This new version of NV Utilities contains support for NV200 firmware 4.18 and bezel colour setting when the NV200 is disabled.

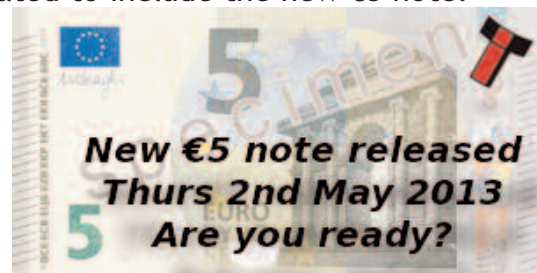
## Euro datasets updated to include the new €5 note

All Euro (EUR) currency dataset files have now been updated to include the new €5 euro note which will be introduced across Europe on Thursday 2nd May. All Euro (EUR) and Euro mixed (E00) dataset files can now be download free from our website by logging into the Technical Support / Currency Download Section.

With the new €5 Euro note to be officially introduced at the start of May customers can now update all validators out in the field. Reprogramming is simple via a DA3 handheld programmer or a DA2 and PC. More details of how to easily re-programme ITL validators can be found in the January and February issues of the Technical Bulletin.

Dataset for the following products have now been updated to include the new €5 note.

- NV9 & NV9 USB
- NV10 & NV10 USB
- NV11
- NV200 / SMART Payout
- BV20
- BV50
- BV100



## Newly released datasets - March 2013

Country	Code	Reason	Validator
Bahrain	all BHD	Improved acceptance 1/2 and 1 dinar	NV9 / USB NV10 / USB
Euro	all EUR	Added 2013 issue €5 note	All applicable
Indonesia	IDR01/02/03	New 10k, 50k, 100k rupiah	NV200 / SP
Kazakhstan	KZT01/02	New 1k, 2k, 5k, 10k added	NV9 / USB NV10 / USB
Turkey	all TRY	Improved acceptance 5 and 10 lira. Added 200 lira	NV9 / USB
Uzbekistan	UZS01	New dataset	NV9 / USB

## Bank of England Certification

Innovative Technology's bank note validator range has received Bank of England certification for their ability to identify genuine and counterfeit Bank of England notes.

The tests were conducted on the NV9 USB, NV10 USB and NV200 bank note validators and all three units gained 100% for their ability to recognise genuine banknotes and counterfeits.

Product	Note Values Tested	Result
NV9 USB	5-10-20	100% pass
NV10 USB	5-10-20	100% pass
NV200	5-10-20-50	100% pass



Details of the test results are published on-line for Automatic Cash Handling Machine manufacturers and customers and can be viewed on the Bank of England website.