

## Bally Wulff Cash Management GmbH adopt SMART Coin System

Last month Bally Wulff Cash Management GmbH confirmed that it has adopted our SMART Coin System following a successful field trial.

Our collaboration with Bally Wulff Cash Management GmbH to create new, smaller, more flexible change machines started in the spring of 2014, with field trials using the SMART Coin System starting soon after. During the six month trial, the system's speed and operational performance was evaluated, achieving outstanding results.

Andreas Günther, Managing Director of Bally Wulff Cash Management GmbH said: "When we first heard about this new all-in-one coin handling solution we were immediately excited about the new opportunities this would open up for us. We worked closely with Innovative Technology and quickly found a way to integrate their SMART Coin System and their SMART Payout recycler into one of our existing coin change machine cabinets. This successful collaboration with Innovative Technology has enabled us to create a state-of-the-art coin change machine that has a much smaller footprint than previous machines whilst delivering a significant improvement in operating speed and greater flexibility."

Marcus Tiedt, Sales Director of Innovative Technology said: "From the outset of the project Bally Wulff Cash Management GmbH's hardware and software experts have worked closely with our team to ensure the success of this project. Bally Wulff Cash Management GmbH has always been at the forefront of the industry, adopting innovative solutions that improve efficiency and differentiate its service. The results of the field trial have been impressive delivering a reduction in operating costs. We're delighted they're adopting the SMART Coin System in the German market."

The SMART Coin System validates, discriminates and stores mixed coins, eliminating the need for multiple hoppers. Boasting a market leading coin hopper capacity of 1500 x €1 and fully audited efficient refills, the SMART Coin System is designed to eliminate coin starvation and significantly reduce operator collection costs.







#### **Current Firmware Revisions**

Product	BV20	BV50	BV100	NV9 USB / NV11	NV10 USB	NV150	NV200 / SMART Payout / SMART Ticket	SMART Hopper
Firmware Revision	4.16	4.12	4.16	3.55	3.37	1.03	4.28 / 5.28	6.20

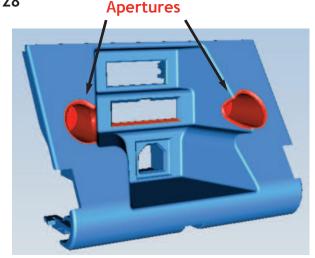


# Additional NV200 firmware version 5.28 released

An additional version of the NV200 firmware has now been released, 5.28. This is a higher speed counterpart of version 4.28 which is still available to all customers. Firmware 5.28 is compatible with revision 23 and above NV200 units. The units are clearly defined by the product alignment apertures on the rear of the validator head - shown below in red. Both versions of firmware are compatible with the NV200's add-on modules; SMART Payout and SMART Ticket. The firmware is contained within the currency dataset files and is available to download from our website within the Technical Support / Currency Download section.

# This firmware includes the following, in addition to 4.28

- Higher speed note acceptance
  - Increased motor speed
  - Reduced time taken for straightener and calibration routines
- Identification
  - Dataset variant number will begin with '5'
  - GBP06xxx -> GBP56xxx



## NV10 firmware version 3.37 released

A new version of the NV10 firmware has now been released, 3.37. The firmware is contained within the currency dataset files and is available to download from our website within the Technical Support / Currency Download section.

### This firmware includes:

- · Dataset face checksum is now calculated after interface is initialised
- DA3 logging is now always enabled
- Improvements to MDB implementation
- DES key issue resolved
- Improvements to USB connectivity

#### **Current Software Revisions**

Software Product	DA3	DPS	Validator Manager	SMART PIPS	NV Card Utilities	ITL Drivers	DA3 SMART Update - €10
Software Revision	1.15	1.1.4	4.3.3 (206)	2.3.1	1.8	2.1	2.1





## BV100 firmware version 4.16 released

A new version of the BV100 firmware has now been released, 4.16. The firmware is contained within the currency dataset files and is available to download from our website within the Technical Support / Currency Download section.

#### This firmware includes:

- Dataset face checksum now calculated after interface is initialised
- Improvements to MDB implementation
- DES key issue fix
- Improvements to USB stability

## Newly released datasets

Country	Code	Reason	Validator
Bangladesh	BDT05	New 500 & 1000 taka added	NV9 USB
Hong Kong / Macao	HO001	New dataset	NV10 USB
Hungary	HUF02	New 10,000 forint added	BV20 / BV100
UK / Scotland	GBP06	New Clydesdale £5 polymer	NV9 USB/ NV9 USB+ NV10 USB
Trinidad & Tobago	TRTD01	New dataset	NV9 USB+

# Validator Manager update 4.3.3 (206)

Following on from the Validator Manager update in the March Technical Bulletin we have made some further improvements to our current Validator Manager, 4.3.3. These changes are under the 206 update and can be found on our website within Technical Support / Software Download.

## The update includes:

- Redesigned layout for configure menu and additional settings:
  - A means of using custom eSSP key when connecting to a device
  - A means to enable communication logs and save them to a custom location
  - Option to enable/disable auto-detection of devices when starting Validator Manager
- Added numerical values for the NV200 bezel colour for easier setting
- General improvements





# **Exhibition Calendar**

Over the coming months we will be showcasing our product range at a number of exhibitions:

Exhibition	Date	Location	Stand
GTI Asia Taipei Expo	7-9th May	Taipei	B42
Vending Expo Bucharest	12-14th May	Bucharest	109
Belgrade Future Gaming Trade Fair	19-21st May	Belgrade	D2
Park Avenue Open Day	3rd June	London	N/A
China Vending Show	16-18th Sept	Shanghai	N1-G01
EU'Vend	24-26th Sept	Köln	ТВС
Autumn Coin-Op	12-15th Oct	London	64
Intertraffic Amsterdam 2016	5-8th April	Amsterdam	03.119











