

For more information please contact support@innovative-technology.co.uk

SMART Hopper firmware 6.13 released

SMART Hopper firmware is now at version 6.13. All SMART Hopper coin dataset files are all being re-released incorporating this new firmware _SH0003613 and will be available to download from the Technical Support / Currency Download section of our website.

New features include:

- New SSP commands Get firmware version, Get dataset version and Get all coins levels.
- 1 stop bit supported on SSP.
- Improved memory handling.
- Improved calibration routines.



Currency dataset download information

The information displayed on the Currency Download page (within Technical Support) has been updated. By clicking on the blue 'i' icon (shown below) you can now see full information for all available currency dataset files.

Dataset name [eg. United Arab Emirates (5)]

Dataset code [eg. AED01201]

Release date

Issue number

Validator [product code]

Firmware [firmware version number]

Bezel size [usually defined by currency width]

Pulse [default pulse settings for this specific currency dataset file]



Firmware version information has been added so you can ensure your validator is always using the latest available firmware.

NV200 firmware 4.14 released

NV200 firmware is now at version 4.14. All NV200 dataset files will be re-released incorporating this new firmware and will be available to download from the Technical Support / Currency Download section of our website.

New features include:

- New SSP Commands (See SSP Specification issue 31 for information)
- Improved note handling



SSP manual GA138-31 released

Smiley Secure Protocol - SSP is a secure interface specifically designed by Innovative Technology to address the problems experienced by cash handling systems in gaming machines. The Smiley Secure Protocol (SSP) specification GA138 is now at version 31 and is available to download from our website on all Product Pages.

New additions to the SSP Manual include:

- A new global level request command for SMART Hopper and SMART Payout.

Newly released datasets – January 2012

Name	Code	Reason	Validator
Azerbaijan	AZN01	New dataset	SMART Hopper
Denmark / Euro / Sweden	D0003	New dataset	NV9 / NV9 USB
Eastern Caribbean	XCD01	New dataset	NV200 / SP NV9 USB / NV10 USB
Guatemala	GTQ01	Improved acceptance 1 quetzal	BV20
Honduras	HNLO1	Improved acceptance 50, 100, 500	BV20
Hong Kong	HKD01/02	New notes added 50, 100 dollars	NV10 USB / NV200
Romania	RON01	2008 issue 10 lei notes added	BV20
Singapore	SGD01	Improved acceptance 10 dollars polymer	NV10 USB
Turkmenistan	TMT01	New dataset	NV9 USB
Turkmenistan	TMT01	Improved acceptance	NV9
USA	USD04	Improved acceptance \$5	BV20



DA2 programming kit

The DA2 is a programming and communications tool, allowing direct communication with ITL validators and a PC. The DA2 kit is available from your local office or via the web shop 'Order' Tab. Each DA2 kit contains the DA2 dongle and 12V power supply cable, an ITL ribbon cable and a USB cable. All currency dataset files, firmware and software files are available to download for free from the Technical Support section of our website and as such CDs will no longer be supplied with the DA2 kit.

Product guides

A number of useful guides are now available to download from the individual Product Pages on our website. New additions include:

Maintenance Guides – NV9 USB

Quick Reference Guides – NV11, NV9 USB, NV10 USB

SMART Data

The SMART Data program is now at version 1.0.0.2 and we recommend all users update their software to this new version. To register for a SMART Data account and download the software please visit: www.innovative-technology.co.uk/smartdata

SMART Data was featured in the November 2011 Technical Bulletin please refer to this issue for full information.

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ccTalk DES – Data Encryption Standard

ccTalk DES security is a variant of ccTalk and is now available for the following ITL products.

Product	From Firmware Version	Release Date
NV9	3.25	Nov 2011
NV9 USB	3.29	Nov 2010
NV10	3.25	Jan 2012
NV10 USB	3.29	Apr 2011
NV11	3.31	Dec 2010
NV200	4.09	Apr 2011
SMART Payout	4.08	Feb 2011
SMART Hopper	6.08	Jan 2011

NV11 and SMART Payout dataset files.

NV11 and SMART Payout dataset files are now available to download from the Currency Download section (within Technical Support) of our website. The NV11 datasets have the same file name as their equivalent NV9 USB files but end with the extension `_IF_03.bv1`. SMART Payout datasets have the same file name as their equivalent NV200 files but end with the extension `_IF_03.bv1`. Please refer to the February 2011 Technical Bulletin for details of how to update the SMART Payout.

ICE 2012

Thank you for visiting us at ICE this year – it was a very busy show with some great enquiries. See you all at Excel for ICE 2013!



Celebrating 20 Years of Innovation

Innovative Technology are celebrating 20 Years of Innovation within the automated cash handling sector this year. Founded in 1992 by David Bellis MBE, Innovative Technology Ltd (ITL) was the first company to manufacture low cost multi-currency validators, when it introduced the NV1 Smiley® to the market - making banknote validators affordable to the AWP market.

20 years on, the company's philosophy of proving exceptional value validation products still remains as the Company Ethos today. Innovative Technology prides itself on providing exceptional value, intelligent validation products with an industry-leading acceptance rate for multi-currency of typically 99.8%.

Later this year we will bring some exciting new products to the market. Currently in development these product will show that innovation is still the key part of our business.

Innovative Technology – Intelligence in Validation



Innovative Technology 1992 - 2012

Formation of Innovative Technology	NV1	NV2	NV3	NV4	NV7	NV8	SPF™ Technology	NV9 & NV10
1992	1994	1995	1996	1997	2000	2002	2004	2005
BV20	BV50, BV100 & NV200	SMART Payout & SMART Hopper		NV9 USB	NV10 USB	NV11	SMART Data
2007	2008	2009	2009	2010	2010	2010	2011	2012