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

NV200 firmware 4.13 released

NV200 firmware is now at version 4.13. NV200 currency dataset files are all being re-released incorporating this new firmware _NV0200413 and will be available to download from the Technical Support / Currency Download section of our website.
New features include:
- Improved note acceptance routines.
- Improved operation of refill mode.
- Updated routines for Get Minimum Payout, reports busy during reset cycle.
- Improved payout jam detection when note doesn't leave payout module.
- Payout improvements for handling larger notes.
- Improved power loss routines and note position detection.
- In SSP, encrypted commands sent before key negotiation will respond with 'key not set' faster.
- Improved handling of long ccTalk packets.
- Fixed Error During Payout response in CC2 interface on MultiCurrency Status Request.

IF9, IF10, IF15 firmware 1.06 released

New firmware has been released for the IF9, IF10 and IF15 Interface Converters. This firmware is now available to download from our website within Technical Support / Firmware Download and is listed under Accessories.

IF9 (SSP to Binary) - IF00091061466000.if1
IF10 (SSP to Parallel) - IF00101061382000.if1
IF15 (SSP to Pulse) - IF00151061466000.if1

New features include:
- Resolves issue with toggling inhibts at speed leaves the validator disabled

NV7 & NV8 obsolete notification

From 1st January 2012 we will no longer accept any NV7 or NV8 units for repair or service and no spare parts will be available once stocks are depleted. We recommend updating to the NV9 USB and NV10 USB bank note validators for increased levels of security and technology. These USB validators are the latest in the 'Smiley' generation and maintain the size, shape and compatibility of the NV7 / NV8 for ease of installation.
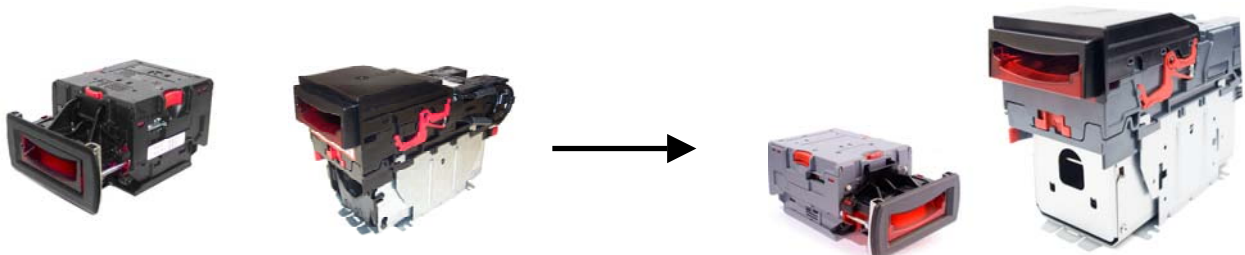
DA2 Programming Kit

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.

CcTalk DES – Data Encryption Standard
CcTalk DES security is a variant of ccTalk and is now available for the following ITL validators.

Product	From Firmware Version	Release Date
NV9	3.25	Nov 2011
NV9 USB	3.29	Nov 2010
NV10	-	Due 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

For more information on ccTalk DES and how to update existing validators please refer to the February 2011 Technical Bulletin, available on our website.

Newly released datasets – November 2011

Name	Code	Reason	Validator
China	All	Improved acceptance 20 RMB, Improved security	NV9 / USB
Euro - Poland	E0067	New dataset	NV9 / USB
Euro - Czech	E0015	New dataset	NV200
Hong Kong	HKD01	New dataset	SMART Hopper
India	INR02	New dataset includes 500 Rupee	NV9 / USB
Iran	IRR06/07/08	New datasets incorporating 100K and 500K notes	NV9 /USB
Kazakhstan	KZT01	Removed all pre 2006 notes	NV9 / USB
Moldova	MDL01/02/03/04	New notes added 1, 20, 200 Lei	NV9 / USB
Russia	RUB02	1000 Ruble note added	BV100
UK	GBP02/06/09	Improved acceptance of £20	NV9 / USB
Ukraine	UAH01	Improved acceptance 2 & 5 Hryvnia	BV100
USA	All	Improved acceptance	BV50
USA - Canada	U0006	Includes 50$ US & $50 Canada	NV10 / USB
West Africa	XOF02	1000, 2000 Franc notes added	NV10 / USB NV9 / USB
West Africa	XOF01	Improved acceptance 5000, 10000 Franc	NV10 / USB NV9 / USB

SMART Data

Innovative Technology currency dataset files contain information about the notes that are to be accepted or rejected by the validator and as such are core to the operation of all ITL bank note validators. ITL have developed the SMART Data process in response to an industry requirement to address the following issues:

- The fast turnaround of fraudulent and bad acceptance issues.
- Flexibility in datasets.
- Overcome the difficultly of accessing notes (can't be exported or transported easily)

SMART Data is based around a free software programme allowing end users to alter, create or customise their own currency dataset files. Using SMART Data customers can add a new issue note to their existing dataset file or eliminate a fake note by adding it to the dataset themselves. **The process is simple and described overleaf.**

Marketing Executive, Dayna Patterson said "SMART Data is a really exciting programme that gives ITL customers the tools to customise their own dataset files. SMART Data allows false notes, new issue notes and notes with differing wear patterns to be quickly incorporated into currency dataset files. For example, customers will now be able to incorporate into their currency datasets personal notes that are specific to their area, perhaps heavily worn notes due to supply or notes affected by severe temperature or humidity conditions. SMART Data will be launched at the January shows and I would like to invite everyone to our stands for a demonstration of the new SMART Data programme."

January 2012 Exhibitions

IMA: Stand C12/8a - 17th - 20th January – Fairground, Düsseldorf, Germany

ICE: Stand 4260 - 24th - 26th January – Earls Court, London, UK

EAG: Stand 154 - 24th - 26th January – Excel, London, UK

For more information or to register for a SMART Data account visit www.innovative-technology.co.uk/smartdata
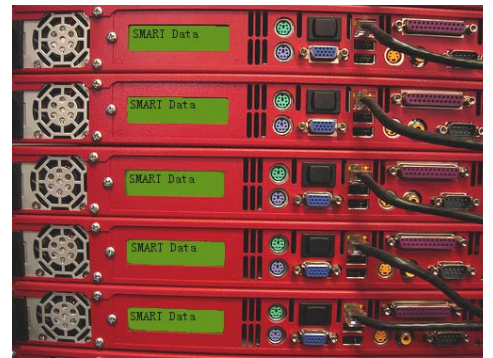
SMART Data

Step 1
Note Data is created by the user who inserts their own bank notes into a normal ITL bank note validator (connected to a Windows PC). - No special firmware or configuration is required only SMART Data.
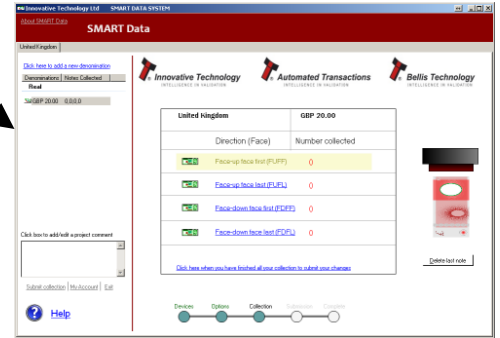
Step 2
The SMART Data software application sends the collected data via the internet to the Innovative Technology servers for processing. A new dataset is created incorporating the collected data.

Step 3
The new dataset will be available for download from the SMART Data website.

Step 4
This new dataset can then be incorporated into ITL bank note validators in the field using standard ITL programming tools.

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