

For more information contact: [support@innovative-technology.com](mailto:support@innovative-technology.com) or call +44 161 507 1818

### Firmware changes

#### NV200 firmware version 4.59 released

A new version of NV200 firmware has now been released, 4.59. Firmware is contained within the currency dataset files and is available to download free from our website within [Technical Support/Currency Download](#).

#### Feature Highlights:

- Latest security improvements – standalone NV200



#### NV200 Spectral firmware version 4.21 released

A new version of NV200 spectral firmware has now been released, 4.21. Firmware is contained within the currency dataset files and is available to download free from our website within [Technical Support/Currency Download](#).

#### Feature Highlights:

- Various Spectral Payout improvements
- Revised sensor calibration routine
- Payout commands allowed while note is in escrow

Email [support@innovative-technology.com](mailto:support@innovative-technology.com) for a full list of features and improvements



#### ICU Pro and ICU Lite firmware version 1055 released

A new version of ICU firmware has now been released across the product range. For a full list of functions please contact [support@innovative-technology.com](mailto:support@innovative-technology.com) and to learn more about our age verification and facial recognition devices see page 4-5 or visit [www.intelligent-identification.com](http://www.intelligent-identification.com)



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## SMART Coin System firmware version 1.28 released

A new version of SCS firmware has now been released, 1.28 Firmware is contained within the currency dataset files and is available to download free from our website within

[Technical Support/Currency Download](#).

### Feature Highlights:

- SCS & Twin SCS firmware merged
- Added purge functionality
- Wrong coins to cashbox functionality
- Individual coin payout events and coin to cashbox events added (SSP)



## SMART Hopper firmware version 6.55 released

A new version of SH3 firmware has now been released, 6.55. Firmware is contained within the currency dataset files and is available to download free from our website within

[Technical Support/Currency Download](#).

### Feature Highlights:

- Added individual coin events
- Added CC2 command Get counters 0x70
- Improvements to jam recovery



For a full list of firmware revision features and improvements please email [support@innovative-technology.com](mailto:support@innovative-technology.com)

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### Product Firmware Version Reference Table

Product	BV20	BV50	NV9 / 11 / 12	NV9 Spectral	NV10USB+	NV200 / SP	NV200 Spectral	SH	SCS
Firmware	4.22	4.19	3.80	1.09	3.48	4.59	4.21	6.55	1.28

## Software changes

### SMART Data Version 1.2

A new version of Smart Data (1.2) has been released with additional product support and general improvements.

*To ensure data collection continues all users should update to this latest version.*

Download via our website [SMART Data](#) or email [support@innovative-technology.com](mailto:support@innovative-technology.com).

### CashGenic Firmware version 1.1.33 released

A new version of CashGenic firmware has now been released, 1.1.33. Firmware can be requested by contacting [support@innovative-technology.com](mailto:support@innovative-technology.com).

### Feature Highlights:

- Support for MXN currency
- Added new API command – “StopPayment”  
Allows transactions to be ended without issuing a refund, allowing part payment
- Various improvements

Product	DA3	DPS	Validator Manager	NVCard Utilities	ITL Drivers	SMART Data
Firmware	1.26	1.2.6	4.8	1.9.20	2.1	1.2



### Leading Biometric Solutions

ICU Intelligent Identification offers age verification and several facial recognition-based functions

- ✓ Age Restricted Sales
- ✓ Access Control
- ✓ Machine Access
- ✓ Authorised Vehicle Use
- ✓ Photo ID Verification
- ✓ Face Covering Detection
- ✓ Targeted Advertising
- ✓ Know Your Customer (KYC)

### Applications

ICU can benefit a vast number of industries.  
Customise facial recognition, age verification and gender identification functions to fit your application

#### Age Restricted Sales



#### Access Control



#### Machine Access



#### Authorised Vehicle Use



#### Photo ID Verification



#### Face Covering Detection



#### Targeted Advertising



#### Know Your Customer



### Our Technology

ICU's core objective - to provide affordable and easy to use biometric technology



#### Proprietary Algorithms

- We design, train and fine-tune all our own algorithms
- All algorithms run locally on the hardware – quick, no internet required (ICU Pro & ICU Lite)



#### Edge Solution

- Complete intelligent solution
  - Local processing
  - Quick outputs



#### Non-Intrusive Spoof

- Multi-layered spoof detection
- No customer interaction required

### Our Products

#### ICU Pro



Perform age verification & facial recognition-based functions on a machine or control entry points (e.g. Electronic Gates, Barriers, Restricted Premises)

- No PC required
- Connect up to two USB cameras
- Directly control relays or send software commands
- All functions included as standard
- Spoof detection
- One-off cost, no recurring charges

#### ICU Lite



Add age verification & facial recognition-based functions to a machine (e.g. Self Checkouts, Betting Terminals)

- Plug directly into PC USB port
- Connect one USB camera
- Easily send software commands
- Choice of two functions\* \*Option to add more functions (additional fees apply)
- Spoof detection
- One-off cost, no recurring charges

#### ICU Management Suite (IMS)

Configure both ICU Pro & ICU Lite via your online dashboard

[See Demos >](#)



[www.intelligent-identification.com](http://www.intelligent-identification.com)



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