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INSTANT ISSUANCE HARDWARE & SOFTWARE SOLUTIONS

Global Headquarters



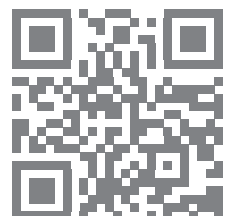
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VISIT OUR WEBSITE



WHAT IS INSTANT ISSUANCE?

Instant Issuance (also known as decentralized) means that the credit or debit card is issued and activated on the spot and then can be used immediately. It's essential for today's market, enabling financial institutions to get new or existing customers up and running with their bank card instantly. There are a number of ways to deliver this level of customer service including locating a card personalization machine in the branch or a self service kiosk which reduces branch staffing requirements.



KEY BENEFITS FOR THE FINANCIAL INSTITUTION:

- Increase your cards in the market.
- Increase card activation, usage and transaction rates.
- Increase customer convenience.
- Remain top of the wallet.
- Enhance customer experience.
- Reduce delivery costs and potential for fraud that comes with cards sent by mail.

KEY BENEFITS FOR THE CONSUMER:

- Instant purchasing power.
- Instant replacement of lost or stolen cards.
- A personalized connection with the branch personnel.

WHAT CAN NBS TECHNOLOGIES DELIVER



Industry pioneering technology and development.



Durable and reliable design making our products ideal for instant issuance applications.



Provider of market leading software applications.



Established partner network that covers the globe and supported by our world class services and training programmes.



Versatile design and formations enabling you to tailor our products to your individual needs.



Innovative software and technologies for security, EMV applications, hardware, software and product training.



CONNECT TO CUSTOMERS

NBS instant issuance solutions allow financial institutions to increase profits, boost customer engagement levels and develop brand identity. You can affordably issue personalized payment cards in branch and gain instant purchasing power.

CHOOSE YOUR DEVICE & START ISSUING

NBS Technologies offers everything you need for a successful instant issuance program, including software, systems, supplies and a full range of consultative services and technical support. In a few easy steps, NBS can configure and fully integrate your instant issuance solution to align with the way you want to do business. NBS is a supplier of:



MULTI-HOPPER
KIOSK



DESKTOP
PRINTERS



DESKTOP
LASERS



DESKTOP
EMBOSSERS

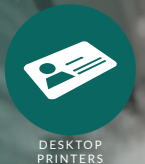


HIGH VOLUME
ISSUANCE

JAVELIN DNA PRO

The Javelin series is our feature rich desktop ID card printers. These compact and powerful models are user-friendly and deliver outstanding performance at a great price.

- Issue secure, flat cards instantly.
- Full color/monochrome printing.
- Ethernet comes as standard for networking more than one printer.
- Security features (same locks as M-BOSS).
- Delivers outstanding performance with a 30 month warranty.
- User friendly USB plug and play set up.
- Magnetic stripe encoding.
- Lamination available for longer card life if required.
- Additional hopper to enable the use of 2 different cards.
- Personalize smart chips with turnkey NBS software or integrate Javelin DNA Pro with 3rd party software leveraging SDK.



DESKTOP
PRINTERS

ADVANTAGE M20

The Advantage M20 is part of the NBS Advantage embosser family of products. Secure, reliable and affordable, the Advantage M20 has been designed specifically for the instant personalization and issuance of EMV compliant debit and/or credit cards.

- Secure with software and physical locks to keep users limited and ribbons and cards secure.
- 120 character embossing wheel.
- Front and rear indent as standard.
- Magnetic and contact chip encoding as standard.
- Can encode, emboss, tip and indent.
- Personalize smart chips with turnkey NBS software or integrate Advantage M20 with 3rd party software leveraging SDK.

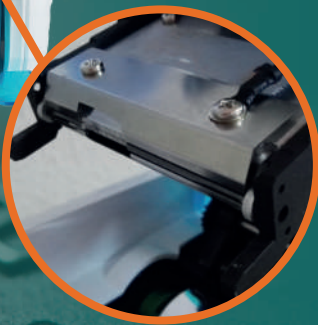


DESKTOP
EMBOSSERS

ADVANTAGE M8

Advantage M8 Instant Issuance embosser is the ideal solution for instant issuance that allows real flexibility and security. This all-in-one solution allows the user to encode magnetic stripe, program smart chip, print (mono or color), emboss/indent and tip in one pass.

- Configurable with up to 15 card hoppers. 50 cards per hopper 750 cards in total.
- Dual side color/mono printer integrated.
- Software and physical locks to secure card stock.
- Capable of printing, Magnetic Stripe encode, Smart Chip Perso, emboss, tip, indent.
- Personalize smart chips with turnkey NBS software or integrate Advantage M8 with 3rd party software leveraging SDK.



JAVELIN M-BOSS

The Javelin M-BOSS is an addition to our Javelin desktop ID card printer series. This compact and powerful model is user-friendly and now delivers the ability to print on pre-embossed cards. This provides an inexpensive solution for instant issuance of cards.

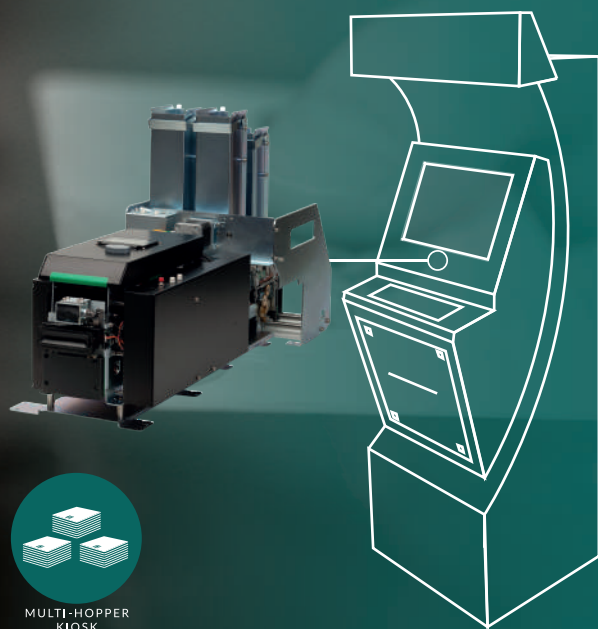
- Custom designed print-head to print either side of a pre-embossed cards.
- Can print color or mono.
- Security features (same locks as DNA Pro).
- Ethernet as standard.
- Additional hopper to enable the use of 2 different cards.
- Personalize smart chips with turnkey NBS software or integrate Javelin M-BOSS with 3rd party software leveraging SDK.

LC 200 & 400 GEN II LASERS

Our new and improved LC200 & 400 Gen II, is a smart desktop laser engraver, bringing laser engraved cards to a whole new level. The desktop laser engraver is well suited for both centralized and decentralized environments.

- Secure laser engraving ensures world-class card security.
- Optional personalization for contact/contactless for both smart cards.
- Key locks on all card input and output hoppers to secure card stock.
- Optional magnetic stripe encoding.
- Personalize smart chips with turnkey NBS software or integrate LC 200 & 400 GEN II with 3rd party software leveraging SDK.





JAVELIN KIOSK MULTI-HOPPER

The NBS Multiple Hopper Kiosk card printer is designed for applications requiring self-service instant issuance of personalized plastic cards. With up to 8 hoppers the NBS Kiosk is flexible with easy integration to create a cost effective and innovative kiosk.

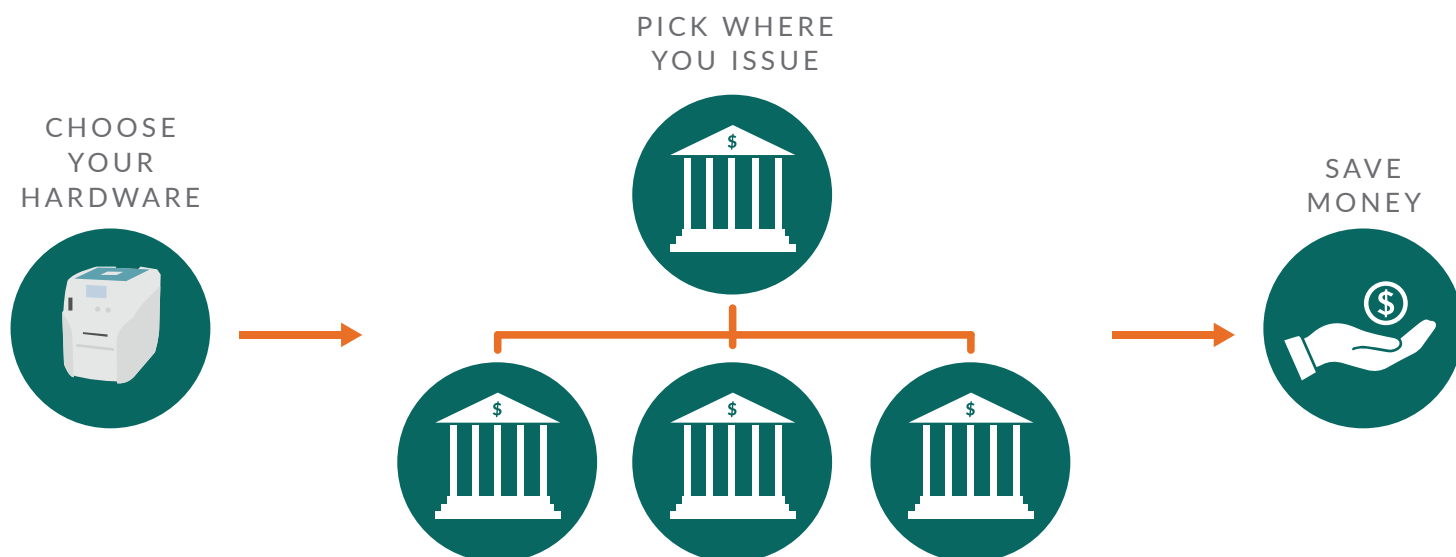
- Designed specifically for self service kiosk integration
- Single and multi tray hopper options
- Hopper configurations of 1, 2, 4, 6 or 8
- Cards per hopper: 150, 300 or 500
- Magnetic, contact chip and contactless encoding as standard.
- Ethernet as standard
- Personalize smart chips with turnkey NBS software or integrate Javelin Kiosk with 3rd party software leveraging SDK.

SECURE ISSUANCE WHERE YOU WANT IT

NBS allows you to fully extend and issue secure cards in a few easy steps. Our customizable packages of hardware, software, supplies and support truly allows issuers like you to take full control over how you issue and connect. The perfect solution for banks, credit unions and other financial institutions. The NBS Xpressi Instant Issuance solution is simple, secure and cost effective.

BUNDLES & CARD SYSTEMS

Our Xpressi EMV Instant Issuance can be bundled together with a selected hardware, to give you a complete solution for any financial institution. However, this does not mean you are locked into one package because these bundles are scalable and designed to grow with you. The ability to start small and add more branches when the time is right for you. Our bundled solutions start with as little as one branch locations. To find out more information on our bundles, speak to your nearest regional sales manager.



CONTACT YOUR NBS REGIONAL SALES REPRESENTATIVE FOR PRICING



WHAT IS XPRESSI?

Xpressi is the NBS Technologies suite of software applications that delivers unmatched Smart Chip personalization capability. Xpressi offers a wide range of capabilities that make it the perfect fit for instant issuance applications in the financial sector.



By implementing Xpressi, our customers are empowered to personalize a wide variety of chip types and brands. Xpressi instant issuance solution allows issuers the unique ability to provide their customers with the security and the convenience of a personalized credit or debit cards that is issued at the local branch level instantly.

WHAT CAN XPRESSI OFFER?

FLEXIBILITY



- Solution for contact, contactless and magnetic stripe encoding.
- Xpressi has the unique ability to be deployed in combination with all NBS personalization hardware.
- Supports a wide variety of smart chip types and brands.

SECURITY



- Uses industry standard security protocols – https, SSL
- No data is stored in branches or on printers
- User defined access privileges
- All keys are encrypted
- Uses bank's own data network
- Follows PCI DSS Compliance Standards

AUDIT LOGS & REPORTING

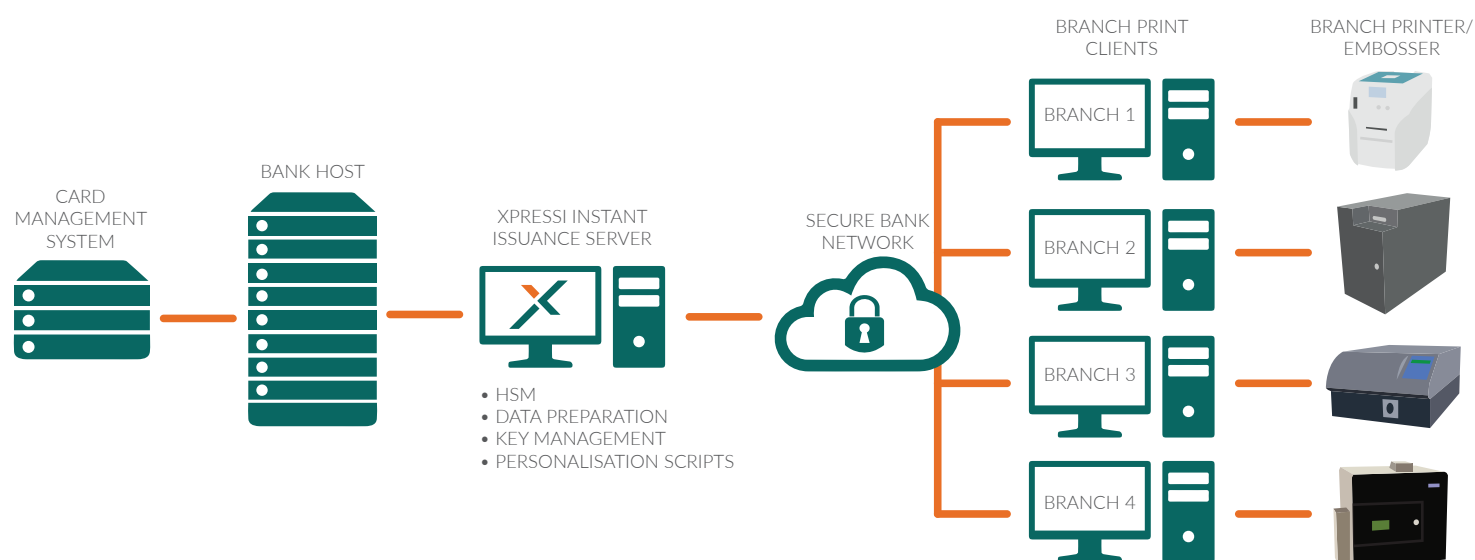


- Every operator action is logged including key creation/deletion, import/export keys, permission settings, card program creation/deletion, executing data preparation, etc.

PROCESS FLOW



INSTANT ISSUANCE ARCHITECTURE



XTRA CAPABILITIES



EXTENDIBLE ARCHITECTURE

Xpressi is designed and built to handle hundreds of branches within the Instant Issuance architecture.



FLEXIBLE INPUT FILE FORMATTING

The input file to Xpressi Server from a Host can be CSV, XML, IBM MQ Message, text file, etc.



UNLIMITED BINS

Xpressi has a unique capability to allow unlimited number of BINS per Issuer and this allows each Issuer to have multiple card programs per BIN.



MONITORING CAPABILITIES

Monitor HSM utilization, throughput of card per hour, real time branch printer status and jobs running in production.

PERSONALIZATION SCRIPTS

Personalization scripts are part of the Xpressi EMV personalization software and is developed based on the following factors:

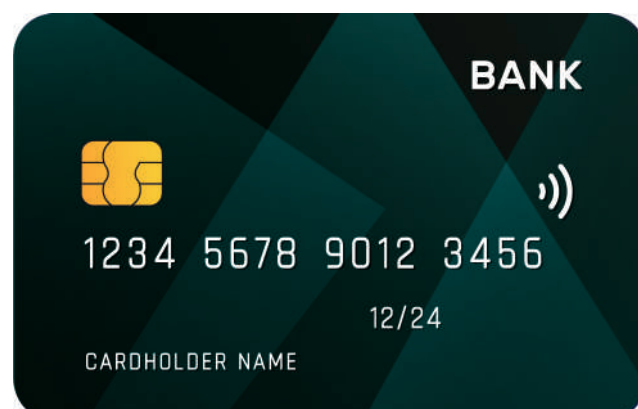
- Type of chip
- Payment application
- Application parameter such as SDA, DDA, CVM, etc.
- Data input file from Card Management System

SCHEMES

- All major payments
- Open loop
- Closed loop

CARD TYPES

- Most manufacture card & chip types are supported.



INSTANT ISSUANCE HARDWARE & SOFTWARE SOLUTIONS



NBS Technologies provides equipment and customized solutions that address all types of card personalization requirements. Our solutions and products address the requirements of a range of markets worldwide: Financial EMV/Chip Card, Mobile Payments, Government/Secure ID, Healthcare/Insurance, and Corporate markets.

Our portfolio allows us to offer a truly tailored solution that will meet your specific needs. Whether you need high-volume card issuance or instant card issuance NBS Technologies can provide a complete solution for your institution or business.

SPEAK TO YOUR NEAREST REGIONAL SALES MANAGER

For further information and assistance, please contact your regional NBS Technologies sales manager or email info@nbstech.com



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