



**MAGTEK<sup>®</sup>**

Card Issuance/Encoding  
& PIN Pads

## From Card Issuance to Card Security...

Card issuers know they can put their trust in MagTek. Whether meeting the growing need for instant, in-branch card and PIN issuance, supporting the increasing trend to produce personalized cards or verifying PIN transactions, MagTek solutions always deliver speed and efficiency with the most comprehensive security possible. With MagTek, your card issuance, PIN selection and verification transactions are secure, fast, reliable and cost-effective—all with the flexibility and scalability to meet your needs both today and tomorrow.

...No one does it better.

# MAGTEK®

## Card Issuance/Encoding & PIN Pads



### ExpressCard 1000

*Secure instant card issuance and custom personalization solution for any financial card type.*



### IPAD®

*Advanced generation, PIN-entry device with a 3-track secure card reader for safe and convenient transactions.*



### Motorized IntelliCoder®

*Highly reliable motorized device reads and encodes magnetic stripe and smart cards with precision.*



### IntelliPIN®

*Combination encrypting PINpad and 3-track magnetic stripe reader enables fast and convenient PIN transactions.*



### MCAT®

*A desktop terminal for secure PIN selection and card encoding for ATM, debit and credit cards.*



### IntelliCAT®

*Integrated platform for instant, in-branch card issuance and secure PIN selection, even for remote cardholders.*





## ExpressCard 1000

Increase card activation and usage while enhancing cardholder satisfaction and security with the ExpressCard 1000. This compact, desktop device gives your branch and store locations the convenience of instant card issuance for credit, debit, ATM, gift, loyalty and membership cards, with the security of MagTek's MagnePrint card authentication technology, magstripe encoding, Smart Card encoding and advanced personalization features. Eliminate lost card and PIN mailers and service your cardholders instantly, with new cards or emergency replacements all with convenience and security that is second to none.

### Benefits

The ExpressCard 1000 can fully personalize any CR-80 sized credit, debit, ATM, gift, loyalty and membership card in as little as 90 seconds. Offer color card printing, card embossing, indent printing and color tipping all in one compact device can provide the custom personalization that can distinguish you from your competitors. Now you can inspire loyalty and increase card usage with cards that feature photos of family, friends, pets and vacations. ExpressCard 1000 is a peripheral to MagTek's IntelliCAT instant-issuance software suite, creating a complete and secure instant issuance system for distributed locations that can be maintained and controlled via a central security center.

### Features

- Supports MagnePrint® card authentication technology
- Immediate issuance of new and replacement cards at the branch or store locations
- Secure consumer-selected PIN capabilities
- Safe delivery of a variety of cards directly into the hands of the cardholder
- Elimination of security concerns regarding cards lost or stolen in the mail
- Reduced mailing expenses for card distribution
- Card personalization features that are truly unique and inspire cardholder loyalty
- Centralized control of all card issuance and consumer-selected PIN operations

Fast.  
Convenient.  
Secure.



## Motorized IntelliCoder®

Instantly encode your cards with speed, reliability and high-quality with the MagTek Motorized IntelliCoder. Featuring a compact yet rugged design and low audible noise this motorized card issuance solution offers a single card slot which will remove the risk of human error from your magstripe and Smart Card encoding processes. Encoding quality is further enhanced with a smooth mechanical card-transport and visually supported by a dual-color red/green LED for clear operational status indications to the operator.

### Benefits

The Motorized IntelliCoder has been designed to ensure that magnetic tracks 1,2,3 can be encoded and read-verified in support of stringent ISO Low-coercivity and High-coercivity (Loco/Hico) magstripe standards, while Smart Cards can be encoded per ISO and EMV L1 standards. In addition to offering a full-featured command set, all device operations can be easily controlled and monitored via your card management software application. Interfacing the Motorized IntelliCoder to a PC is simple with its dual RS-232 and USB communication ports. A simple cable change determines its connectivity.

### Features

- Read and write Hi-Co and Lo-Co magnetic stripe cards per ISO 7810 and 7811
- Read and write Smart Cards per ISO 7816
- Motorized for increased encoding precision and reliability
- RS-232 & USB interface
- Flash programmable
- Dual color LED status indicator
- Remote power pack
- Small footprint
- Low cost



Compact.  
Rugged.  
Quiet.



## IPAD®

Prevent personal cardholder data breaches without compromising the speed and convenience of your cardholders' financial transactions with IPAD. The most comprehensive, end-to-end security solution available, IPAD immediately encrypts data at the point of swipe so personal information is never "in the clear." And using MagTek's advanced MagneSafe security features, ATM, debit, credit, gift cards and more are authenticated using MagnePrint, a dynamically generated digital identifier already part of the magnetic stripe card used to render any counterfeit or cloned cards useless.

### Benefits

With IPAD, encryption takes place within an encapsulated magnetic read head as the card is swiped eliminating the chance of intercepting clear text data. As a result, the data is never "in the clear," even for a few milliseconds. IPAD's data encryption scheme uses industry standard 3 DEA giving you the flexibility to manage decryption services yourself or via an outsourcing service, without the risk imposed by unproven, proprietary encryption algorithms. IPAD uses a 32bit security processor and has flexible data formatting and masking capabilities for maintaining compatibility with existing software. IPAD also supports secure remote key injection eliminating the need to return the unit in the event a new key is required.

### Features

- PCI PED 2.0 Certified
- 3 DEA Encryption
- DUKPT Key Management
- Offers Authentication mode for use with Magensa™ decryption and authentication services
- Remote Key Injection
- Card and Data Authentication
- Device and Host Mutual Authentication
- Flexible Data Formats
- Flexible Data Masking
- USB HID Device
- USB Bus Powered
- Optional Privacy Shield
- Backlit LCD graphics



Secure.  
Effective.  
Easy-to-Use.



## IntelliPIN®

Enable fast, secure and convenient PIN selection and verification on any desktop or teller window with IntelliPIN. This attractive and compact device is an easy-to-use PINpad that offers the portability in-branch operators appreciate during card issuance and teller window ID transactions. The compact unit enables cardholders to effortlessly remove the PINpad from its base and hold the device in their hand while selecting their PIN in a secure and comfortable manner. Once the PIN selection is complete, the PINpad can be returned to its base where the PIN block and card data is securely transferred to the host application.

### Benefits

IntelliPIN offers a reliable and convenient 3 track MSR so that it can reliably read credit, debit, gift and ATM cards, or Drivers Licenses to speed up ID verification activities at the teller window or to enable secure access to financial accounts. The rugged and ergonomic keypad facilitates easy data entry and visible status for users to assure reliable processing. And the tamper-resistant IntelliPIN delivers effective security with encryption keys and PINs that are physically and logically protected in support of ISO PIN Management and Security standards. An optional privacy shield can be installed to further protect PIN-entry transactions.

### Features

- 3-track MSR per ISO 7810, 7811
- 0-9 Numeric Keypad
- Clear & Enter Keys
- 3 Programmable Function Keys
- 2 line x 16 character LCD
- DES, 3DEA, DUKPT, and IdentiKey encryption
- RS-232, USB, Keyboard Wedge interfaces
- Portable or Fixed-Base
- Meets ISO 9564-1, 2 PIN Management & Security, ANS X9.8, ANS X9.24



Portable.  
Easy-to-Use.  
Reliable.



# IntelliCAT®

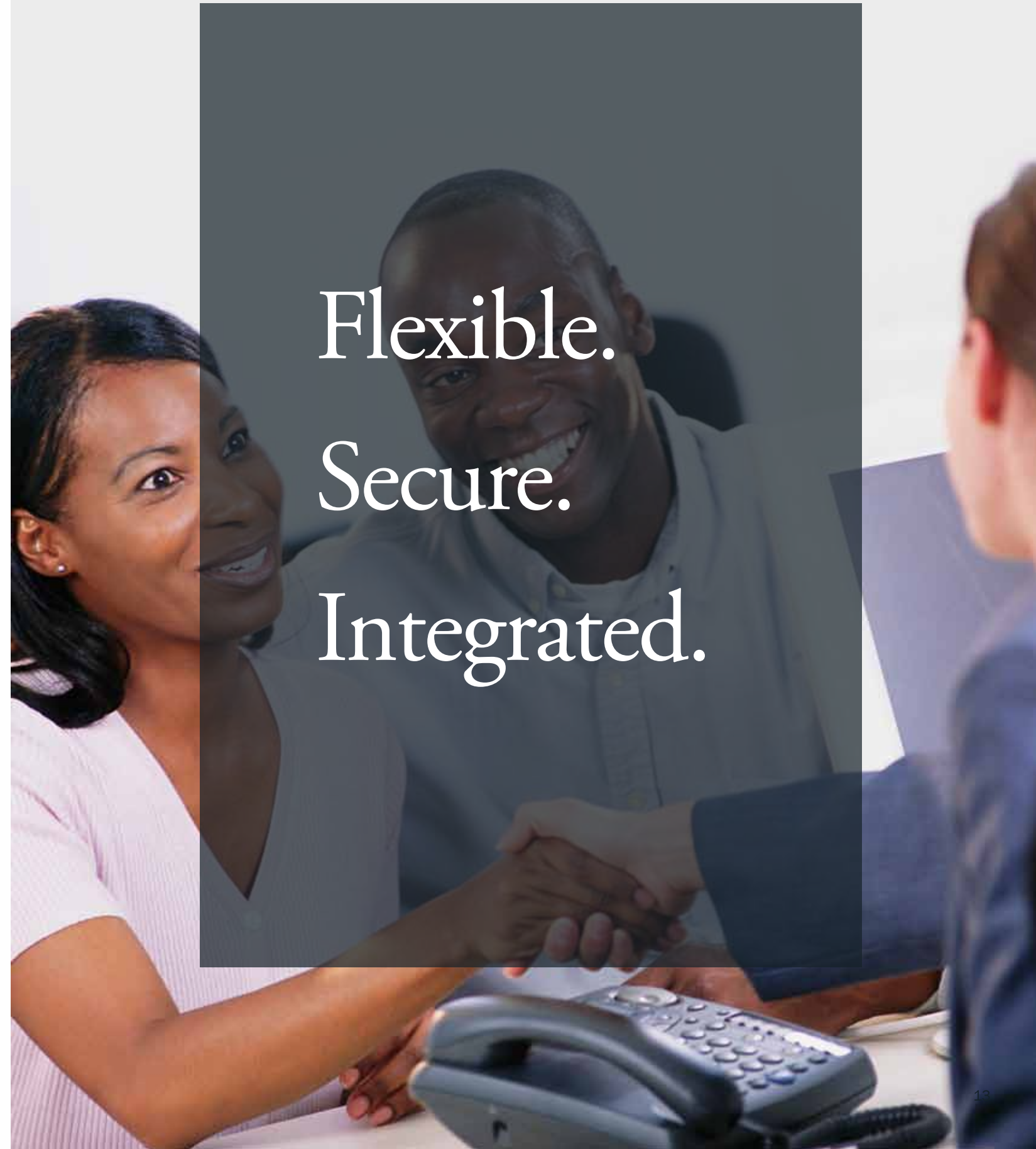
Instantly and securely issue ATM, debit and credit cards with consumer-selected PINs at any branch location with IntelliCAT. This secure, fast, reliable, and cost-effective card issuance and PIN selection platform is fully customizable and can simultaneously increase card security, card usage, and card revenues while reducing overall card issuing costs. With powerful and flexible features, IntelliCAT allows financial institutions to easily define and control operational methods, authorized users, system privileges, and audit features which are appropriate for the scope and security needs of their card issuance and consumer-selected PIN operations.

## Benefits

The IntelliCAT platform is a comprehensive system designed to ensure that card issuance and consumer-selected PIN activities occur in a fast, secure, and reliable manner that provides a complete audit trail. Featuring a suite of Windows-based software modules that provide a comprehensive platform for the design, setup, administration, and auditing of all card issuance and PIN selection activities, IntelliCAT supports a wide platform of PIN pad and card issuance equipment. The advanced software platform also offers a paper PIN feature for consumer PIN selection for remote card holders that can't come into the branch office.

## Features

- Windows® based software application that allows you to create, manage and monitor your card issuing program
- Instantly issue ATM, debit, gift cards and credit cards with consumer-selected PINs
- Eliminate the need to use an outside service bureau to produce your cards
- Re-PIN a card rather than issue a completely new card
- Manage unlimited authorized users
- Create easy-to-use data entry screens for your users
- Advanced encryption algorithms protect PIN security
- Supports Single DES, Triple DEA, VISA PVV, IdentiKey and ANSI Encrypted PIN Block Algorithms
- Provides a built-in upgrade path to Smart Card technology





# MCAT®

Ensure that card issuance and cardholder-selected PIN activities are fast, secure and reliable with the flexible and powerful features of MCAT. This desktop terminal delivers secure PIN selection and card encoding for ATM, debit and credit cards. The MCAT is easily configured to support multiple card types and offers a simple design for managing user access and audit data.

## Benefits

MCAT's powerful and flexible features allow financial institutions to easily define and control operational methods, authorized users, user privileges, and audit features in a manner that is appropriate for the scope and security needs of their card issuance and consumer-selected PIN operations. From a per-branch perspective, MCAT can be custom configured to meet the unique requirements for each specific branch or user.

## Features

- Track 1,2,3 magstripe encoding per ISO 7810, 7811
- Auto detect and encode of Lo-Co or Hi-Co media
- Two line LCD provides clear instructions and status to the operator
- Closed end encode slot prevents card skimming
- Portable PIN pad can be handed directly to cardholders for added security and ease-of-use
- Supervisor Cards define access rights and privileges for operators
- Transaction logs provide a complete audit trail for all card issuance activities
- Advanced physical and logical security features ensure that a stolen or lost unit becomes non-operational

A photograph of a hand holding a blue credit card. The hand is wearing a dark suit jacket and a blue and white striped shirt. The background is dark and out of focus.

Simple.  
Secure.  
Reliable.

## About MagTek

Since 1972, MagTek has been a leading manufacturer of electronic devices and systems for the reliable issuance, reading, transmission and security of cards, checks, PINs and other identification documents. Leading with innovation and engineering excellence, MagTek is known for quality and dependability. Its products include secure card readers, check scanners, PIN Pads and distributed credential issuing systems. These products are used worldwide by financial institutions, retailers, hotels, law enforcement agencies and other organizations to provide secure and efficient electronic payment and identification transactions.

Today, MagTek continues to innovate with the development of a new generation of security centric products secured by MagneSafe™. By leveraging strong encryption, secure tokenization and real time authentication, MagneSafe products enable users to assess and validate the trustworthiness of credentials used for online identification, payment processing, and other high-value electronic transactions.

MagTek is based in Seal Beach, California and has sales offices throughout the United States, Europe, and Asia, with independent distributors in over 40 countries.

For more information, please visit [www.magtek.com](http://www.magtek.com).

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