



MAGTEK[®]
SECURITY FROM THE INSIDE

MagTek, Inc.

Vision:
To bank, shop, work,
play, communicate and
exchange services in
a safe and worry-free
environment.

Founded in 1972, MagTek is a leading manufacturer of electronic systems for the reliable issuance, reading, transmission and security of cards, checks, PINs, and identification documents. Leading with innovation and engineering excellence, MagTek is known for quality and dependability. Its products include secure card reader/authenticators, token generators, EMV contact, contactless and NFC reading devices, encrypting check scanners, PIN pads and distributed credential personalization systems for secure magstripe and EMV enabled cards.

These products are used worldwide by financial institutions, retailers, and processors to provide secure and efficient payment and identification transactions. Today, MagTek continues to innovate. Its MagneSafe[®] Security Architecture leverages strong encryption, secure tokenization, dynamic card authentication, and device/host validation enabling users to assess the trustworthiness of credentials and terminals used for on-line identification, payment processing, and high-value electronic transactions.

MAGTEK'S UNIQUE SELLING POINT

The exclusive feature that sets MagTek apart is our MagneSafe Security Architecture.

MagneSafe is a digital identification and authentication architecture that safeguards consumers and their personal data. Designed to exceed PCI regulations, MagneSafe leverages strong encryption, secure tokenization, counterfeit detection, tamper recognition, data relevance and integrity, and dynamic digital transaction signatures, which together validate and protect the entire transaction and each of its components.

A key feature of MagneSafe is MagnePrint[®] card authentication, a patented, proven technology which reliably identifies counterfeit credit cards, debit cards, gift cards, ATM cards and ID cards at the point of swipe, before fraud occurs. MagneSafe's multi-layer security provides unmatched protection and flexibility for safer online transactions. MagnePrint is a dynamic card authentication technology based on the unique physical properties of the magnetic stripe, also referred to as the stripe's digital identifier (DI). It provides validation that the card itself is genuine and that its encoded data has not been altered.



Call a representative to learn more: 562-546-6400.

1970s Innovation

First motorized, hand-swipe, customer-selected PIN



Insertion Reader
Industry's first ATM motorized card reader developed



Swipe Reader
Industry's first hand-swipe card reader developed



MCAT®
Designs the first encoder for customer-selected PINs

1980s Convenience

Access to card reading from air planes and registers



AirPhones
MagTek technology brings the first public telephones to aircrafts



Interface Readers
Direct connection to PCs and cash registers

1990s Speed

Faster transactions and reliability checking



MICR/MSR readers MagTek delivers its innovative MICR / MSR check readers



InSpec 9000
Card encoding quality tester for quality monitoring



IntelliPIN®
Encrypting PIN pads greatly improve security and efficiency at the teller window and for magnetic stripe card transactions in PC-based POS environments



IntelliStripe
Breakthrough hybrid Smart Card magstripe readers

early 2000s Reliability

Advanced technology built for reliability



IntelliCAT®
Introduces Windows®-based System for instant card issuance and consumer selected PIN's



IntelliStripe® 380
The industry's most precise motorized magnetic stripe and smart card reader/encoder



IntelliHead
A magnetic head with integrated ASIC. The ultimate card reader



MICRImage™
A compact MICR reader and check scanner with a modern ergonomic design that offers deliberate function and ease of use



Delta ASIC
MagTek develops the first compact triple-track ASIC with on-chip data buffering. No external components required

new era 2006 Security

Marks the new era of security with MagneSafe



MagneSafe® Security Architecture
A digital identification and authentication architecture that safeguards consumers and personal data



MagneSafe® IntelliHead
Industry's First Secure Card Reader Authenticator (SCRA) with Counterfeit Resistant Security Module



Magensa™
Magensa provides services for authentication, cryptographic security, and privatization of sensitive data. Magensa, LLC is a subsidiary of MagTek, Inc.



MagnePrint®
A revolutionary magnetic stripe card security technology that can detect skimmed or magnetically altered counterfeit cards

Check Scanners Meeting Industry Compliance

MAGNETEK®



Excella™
New era of check scanning technology, meets requirements of Check 21



ImageSafe
A compact check reader and dual-sided scanner with its integrated SCRA



MICRSafe
A single-feed MICR reader with its integrated SCRA

Instant Issuance Turn-key Solutions

MAGNETEK®



QwickCards
A cloud-based service for the issuance of ATM, debit, credit, gift, loyalty and ID cards



ExpressCard 1000
Secure, multi-function card personalization device



ExpressCard 2000
Secure, multi-function card personalization device with seven card hoppers

OEM, Retail, and Banking Secure Card Reader Authenticators

MAGNETEK®



oDynamo
OEM insert SCRA



Dynamag
SCRA with USB

Mobile and Countertop Secure Card Reader Authenticators

MAGNETEK®



DynaMAX
SCRA with USB and Bluetooth LE



uDynamo
SCRA headphone or USB interface



Flash
SCRA with memory and USB connection



eDynamo
SCRA and EMV, USB and Bluetooth LE



tDynamo
Mobile to countertop, MSR, EMV and NFC



kDynamo
iOS for multi-media ready apps MSR, EMV & NFC



iDynamo 5
SCRA for Apple's Lightning iOS devices



iDynamo 6
SCRA with USB or Lightning connection

Mobile and Countertop PIN Pads

MAGNETEK®



IPAD®
PCI PTS 2.x compliant encrypting PIN pad with MSR



DynaPro Mini
PCI PTS 3.x SRED compliant Encrypting PIN pad with MSR and EMV



DynaPro
PCI PTS 3.x SRED compliant encrypting PIN pad MSR, EMV, and NFC



DynaPro Go
PCI PTS 4.x SRED compliant mobile PIN Pad with MSR, EMV, and NFC

Secure Magensa Web Services

MAGNETEK®



Transaction Security and Data Protection

Dynamic Encryption, Tokenization (implicit) and Authentication



Gateway and TokenExchange Services

Decrypt & Forward, Magensa Payment Protection Gateway, Magensa TokenExchange



Software and Applications

QwickPAY, QwickPIN, QwickSign, Multi-Factor Authentication, IAM



Developer Tools

Remote Device Management & Key Injection, SDKs, APIs, MagneFlex Browser and middleware, and Wedget

MISSION

We deliver MagneSafe secured devices and services across the globe to governments, financial institutions, merchants, and parties committed to safer transactions. Our fraud fighting solutions are simple, practical, scalable and cost effective. We strive to protect the identity, privacy, assets, and safety of our customers and their customers.

- MagTek is the most experienced and innovative provider of secure transaction technology to the payment card industry.
- MagTek provides PCI-compliant products that process, encrypt, tokenize and authenticate millions of magnetic card and check transactions daily, facilitating over a trillion dollars of world-wide commerce each year.
- MagTek leads the payment industry's campaign to wipe out counterfeit card fraud by 2011, saving banks, processors, merchants and consumers billions of dollars annually, effectively eradicating an entire category of crime.

Brief Company History

MagTek is a privately held company in Seal Beach, CA. The state-of-the-art facility houses the Corporate Headquarters, Design, Engineering, Manufacturing, Sales, Marketing and Support Divisions. Additionally, MagTek has sales offices throughout the United States, Europe, and Asia, with independent distributors in over 40 countries. MagTek is the only company in the industry that does not outsource or offshore any of its key injection, design or engineering allowing us to further innovate, manage and secure our customers sensitive cardholder data and payment ecosystems as well as design and rapid prototype custom hardware.

MagTek saw the need to develop software, services, and enhanced security to deliver the next level in solutions; and Magensa was born. Serving enterprises globally, Magensa provides a wide range of innovative tools and transaction processing services for authentication, cryptographic security, and privatization of sensitive data. Magensa's encryption/decryption services, payment gateway services, tokenization services, remote services, and applications are used by software developers, ISVs, and systems integrators to bring their applications to market faster and more securely. Magensa's services and solutions are trusted by commercial, retail, financial and government enterprises without compromise.

Magensa, LLC is a subsidiary of MagTek, Inc.

Patent information

MagnePrint® is a patented technology licensed on a reasonable basis to responsible parties who intend to protect consumers and card issuing, accepting and relying parties from fraud due to the use of counterfeit credentials. Its usage is governed by a Technology Usage Patent and License Agreement.

TRADE MARK™ AND REGISTERED MARK®

Product Name	Product Family	Description
Excella™	Check Reading	MICR Check reader and dual-sided scanner
IntelliCAT®	PIN Related	Consumer-selected PINs and issuance
IntelliCoder®	PIN Related	Manual Swipe Card Activator
IntelliPIN®	PIN Related	Encrypting PIN pad with Magnetic Stripe Reader
IntelliStripe® 320	Card Reading	Motorized Magnetic and Smart Card Reader
IntelliStripe® 65	Card Reading	Insert Magnetic and Smart Card Reader
IntelliStripe®	Card Reading	Hybrid Smart Card magstripe reader
IntelliStripe® 380	PIN Related	Desktop Motorized Reader-Encoder
IPAD®	PIN Related	PIN encrypting device MagnePrint®
MagneSafe®	Card Reading	MagnePrint technology
MagneScore™	Card Reading	MagnePrint technology
MCAT®	PIN Related	MagTek Card Activating Terminal
MICRImage™ Demo	Check Reading	Demo Program for MICRImage
MICRImage™	Check Reading	MICR Check reader and scanner
Motorized IntelliCoder®	PIN Related	Motorized Card Activator

HEADQUARTERS

MagTek is headquartered in Seal Beach, CA.

MAGTEK PRODUCT LINES

Secure card reader authenticators
Card Personalization Devices
PIN and POS Devices
Small Document Scanners

MAGENSA SERVICES

Transaction Security & Data Protection
Gateway Services
TokenExchange
Developer Tools
Software Applications

EMPLOYEES AND LOCATIONS

Transacts business in more than 40 countries

300+ employees worldwide

California based HQ and manufacturing center

Support facilities located in Minnesota, Massachusetts, Florida, and California

MagTek offers additional coverage throughout USA to cover all time zones through remote employee placement

CUSTOMERS

Leading Fortune 100 retailers and top financial institutions have MagTek products distributed throughout their organizations including at the POS, teller lines, ATMs, and front and back offices.

MagTek products are integrated by leading distributors, value added resellers, ISOs, manufacturers, ISVs, product developers, engineers, and gateways.

STANDARDS OF COMPLIANCE

PCI PIN Visa certified key injection facility

Registered to ISO 9001:2015

Registered as a VISA/PCI ESO organization

Certified to MasterCard TQM and PCI PTS requirements for secure manufacturing of PIN entry products.

PCI PTS 3.x, SRED

PCI PTS 4.x SRED

PCI PTS 5.x SRED

EMV L1 Contact

EMV L2 Contact

EMV L1 Contactless

EMV L2 Contactless

EMV L3 thru Magensa Services

MagneSafe enabled devices



Founded in 1972, MagTek is a leading manufacturer of electronic systems for the reliable issuance, reading, transmission and security of cards, checks, PINs, and identification documents. Leading with innovation and engineering excellence, MagTek is known for quality and dependability. Its products include secure card reader/authenticators, token generators, EMV contact, contactless and NFC reading devices, encrypting check scanners, PIN pads and distributed credential personalization systems for secure magstripe and EMV enabled cards. These products are used worldwide by financial institutions, retailers, and processors to provide secure and efficient payment and identification transactions. Today, MagTek continues to innovate. Its MagneSafe® Security Architecture leverages strong encryption, secure tokenization, dynamic card authentication, and device/host validation enabling users to assess the trustworthiness of credentials and terminals used for on-line identification, payment processing, and high-value electronic transactions.