2024

MAGTEK®
SECURITY FROM THE INSIDE

CATALOG

Founded in 1972, MagTek is a leading manufacturer of electronic systems for the reliable issuance, reading, transmission, and security of cards, barcodes, checks, PINs, and identification documents.

www.magtek.com

1710 Apollo Court, Seal Beach, CA 90740
p 562-546-6400 | f 562-546-6301 |

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WELCOME TO THE PRODUCT CATALOG FOR 2024

Who We Are
We are a leading provider of payments and identification technology with fifty years of experience developing breakthrough innovations that have helped shape our industry and set new international standards for the reliability, security, and speed of electronic transactions.

What We Do
We design, build and manufacture premier hardware and secure web services to protect the identity, assets, and safety of individuals and businesses worldwide.

Our Vision
Our vision is to ensure everyone bank, shop, work, play, communicate and exchange services in a safe and worry-free environment.

Leading with innovation and engineering excellence, MagTek is known for quality and dependability. Its products include secure card reader authenticators, Qwantum secure cards, token generators, EMV contact, contactless, barcode, 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, payment processors, and ISVs to provide secure and efficient data privacy, as well as 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 online identification, payment processing, and high-value electronic transactions.

MagTek is headquartered in Seal Beach, CA.

Additional options and parts may be available. Ask a representative for complete details.

INNOVATION

ABOUT US

We are innovators in authentication and data protection. Our vision is to bank, shop, work, play, communicate and exchange services in a safe and worry-free environment. MagTek protects your business, your brand, and your customers from fraud. For more than a decade, organizations such as government agencies, merchants and financial institutions have been relying on our MagneSafe Security Architecture to protect data and authenticate transactions in real-time. We customize solutions for your application. Our US-based engineering team works closely with your designers and developers to design and build secure solutions. The MagTek team of experts integrate robust functionality and advanced security with today's platforms.

Whether with MagTek devices or third-party applications, Magensa™ Web Services protect and authenticate data and transactions while interfacing to leading U.S. POS processors. MagTek embraces the challenges posed by the evolving payment and identification landscape and responds by tirelessly exploring ways to enhance the end-user experience and advance security at every touch point in the transaction while nurturing creativity and diversity.
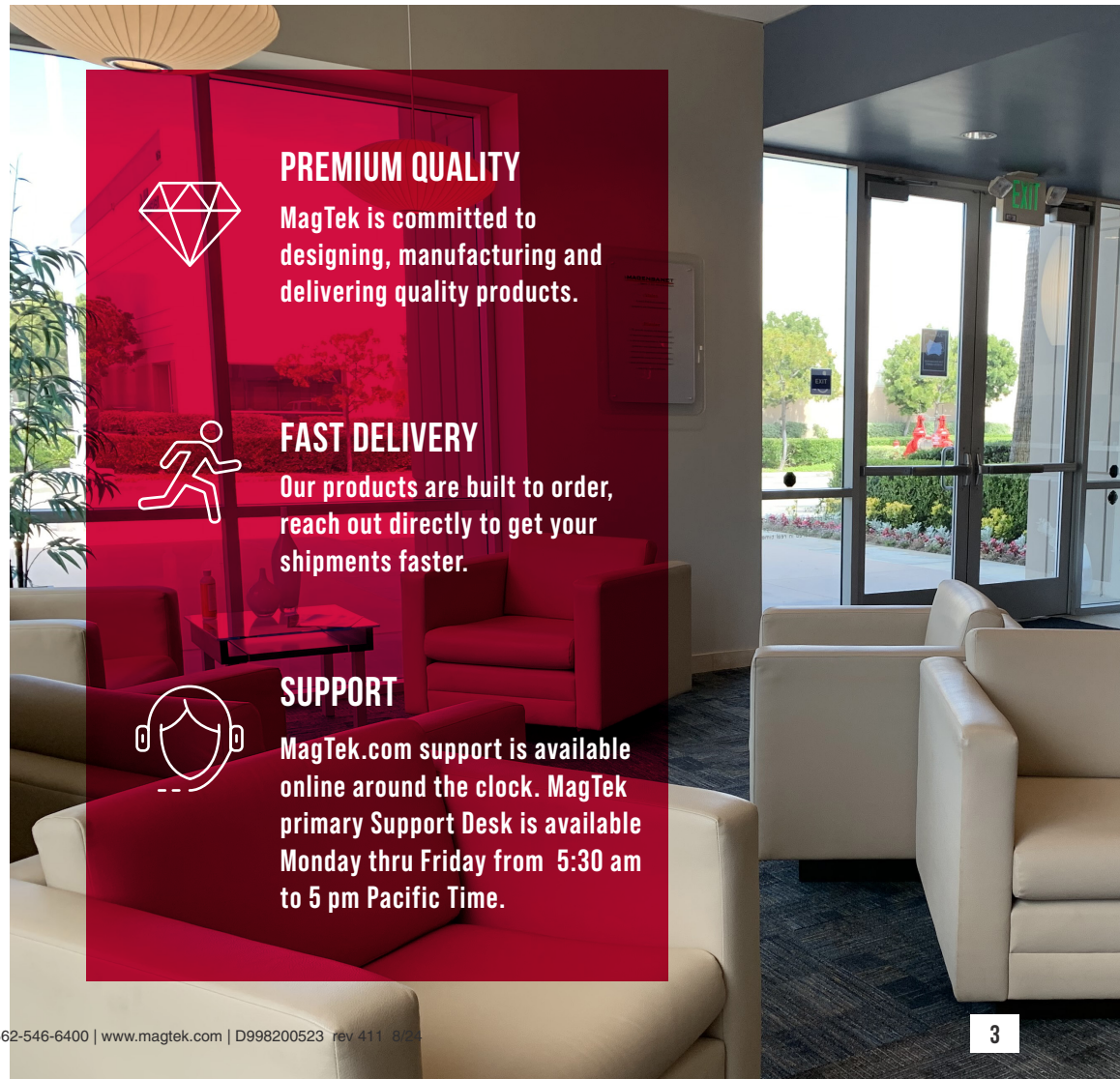
PREMIUM QUALITY
MagTek is committed to designing, manufacturing and delivering quality products.

FAST DELIVERY
Our products are built to order, reach out directly to get your shipments faster.

SUPPORT
MagTek.com support is available online around the clock. MagTek primary Support Desk is available Monday thru Friday from 5:30 am to 5 pm Pacific Time.

Our headquarters, located in Seal Beach, California, is a hub of talent and energy. Dedicated team members are focused on designing, building, and manufacturing premier hardware and secure web services protecting the identity, assets, and safety of individuals and businesses worldwide. Our products are used by the largest financial institutions, retailers, processors, and government agencies to deliver secure and efficient payment and identification transactions.

Mission Statement. We will deliver MagneSafe secured devices and services across the globe to governments, financial institutions, merchants, and any party committed to safer transactions. Our fraud-fighting solutions are simple, easy, practical, scalable, and cost-effective to deploy. We will do our utmost to protect the identity, privacy, assets, and safety of our customers. We are proud to serve industries around the world.

CONTACT US TO ORDER

MagTek sells to VARs, ISOs, ISVs, resellers, distributors, and directly to customers. Contact MagTek or your service provider to order.

PARTNER WITH US

We are here to answer your questions and determine the best products to fit your solution. Call us first. We are your partner in your success.

WE HANDLE KEY MANAGEMENT

Ready with factory key injection and secure device configuration, our products are built to order to meet your exact needs.

CUSTOM DESIGN

MagTek assists through the testing, integration, and distribution process, with itemized shipping lists and drop shipment scheduling.

MAGNESAFE

MagneSafe Security Architecture has evolved exponentially from its inception in 2006 when MagTek delivered the industry's first Secure Card Reader Authenticators (SCRAs) for secure electronic transactions. More secure omni-channel support for payments in-person, online, and in-app across payment platforms and form factors.

MAGNESAFE SECURITY ARCHITECTURE

- Strong Encryption

- Secure Tokenization

- Device Authentication

- Counterfeit Detection

- Tamper Recognition

- Designed to Exceed PCI Regulations

- Data Relevance and Integrity

- Dynamic Digital Transaction Signatures

SECURITY ARCHITECTURE

MagneSafe Security Architecture is a foundation you can build on. The MagneSafe Security Architecture (MSA) has evolved exponentially from its inception in 2006 when MagTek delivered the industry's first Secure Card Reader Authenticators (SCRAs) for secure electronic transactions. transaction signatures; which together validate and protect the entire transaction and each of its components.

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.

OPEN-STANDARDS AND INDUSTRY PROVEN ENCRYPTION AND KEY MANAGEMENT

Provide a comprehensive security solution that protects cardholder data. The open platform does not require you to invest in costly, untested, proprietary solutions that can limit your long-term flexibility and options. MagTek secure card reader authenticators and PIN PEDs deliver instant encryption inside the hardware, which is more secure than software. This places only encrypted data into the transaction environment and secures the data while in the systems under test. DUKPT, derived unique key per transaction, delivers a unique key with every swipe, tap, and insertion.

DEVICE MANAGEMENT AND AUTHENTICATION
DEVICE MANAGEMENT

Device management goes beyond merchant IDs and terminal IDs. Impossible for Rogue and Tampered Devices to Communicate with Your Network.

FEATURES

- Proven Mutual Authentication Technique

- Digital Certificates and IP White listing

- Communicate Directly to Magensa Using a Secure Connection

FEATURES

- DUKPT Key Management

- 3DES Encryption

- Unique, Non-changeable Serial Numbers

- Device/Host Authentication

NEW COLLECTION
MORE ACCEPTANCE

BARCODES, EMV AND NFC CONTACTLESS, EMV CONTACT, AND MAGSTRIPE PAYMENTS

When you need the most flexibility for an ever-changing world. Ready to accept manual entry, magnetic stripe, barcode, EMV contact chip, EMV contactless, and NFC contactless payments from wearables and mobile wallets. And technology for DESFire, Mifare, and NTag transactions for non-payments, choose the device that best fits all of your needs.

MAGENSA L3 CERTIFIED

Ready for integration into your payment app. Make it easier with Magensa Gateway Services and L3 certification with leading processors.

DYNAFLEX II PED FAMILY

EMV, NFC, MIFARE, DESFIRE, AND NTAG CONTACTLESS; TOUCHSCREEN FOR PIN ENTRY, MANUAL ENTRY, AND SIGNATURE CAPTURE; EMV CONTACT CHIP, AND MSR. OPTIONAL 1D/2D BARCODE READING.

DynaFlex II PED products are PCI PTS 6.x, SRED certified. DynaFlex II PED devices come standard with the ability to accept magnetic stripe cards, EMV (Contact Chip and Contactless), NFC enabled mobile wallets, and Apple VAS and Google SmartTap protocols. DynaFlex II PED provides a responsive touchscreen for manual entry, PIN entry, and signature capture. DynaFlex II PED also accepts non-payment data from NTag, Mifare, and DESFire contactless technology.

DynaFlex II PED has an optional kiosk mount and optional barcode reader for QR Code and 1D/2D barcodes.

Connection(s):	USB-C or WLAN
Host Operating Systems:	Android, iOS, Windows

DynaFlex II PED - Countertop

PN	Description	Barcode
21078309	DYNAFLEX II PED, PCI, BLACK, USB	NO
21078333	DYNAFLEX II PED, PCI, BCR, BLACK, USB	BCR
21078311	DYNAFLEX II PED, PCI, BLACK, WLAN	NO
21078332	DYNAFLEX II PED, PCI, BCR, BLACK, WLAN	BCR

Coupled with Magensa Services

Get the best price for hardware when you couple with Magensa Web Services and a Locked Magensa Bundle.

DynaFlex II PED - Countertop

PN	Description	Barcode
21078353	DYNAFLEX II PED, PCI, BLACK, USB, LOCKED MAGENSA BUNDLE LMB	NO
21078346	DYNAFLEX II PED, PCI, BCR, BLACK, USB, LOCKED MAGENSA BUNDLE LMB	BCR
21078316	DYNAFLEX II PED, PCI, BLACK, WLAN, LOCKED MAGENSA BUNDLE LMB	NO
21078301	DYNAFLEX II PED, PCI, BCR, BLACK, WLAN, LMB	BCR

DYNAFLEX II PED KIOSK

DynaFlex II PED - Kiosk

PN	Description	Barcode
21078321	DYNAFLEX II PED, KIOSK, PCI, BLACK, USB	NO
21078334	DYNAFLEX II PED, KIOSK, PCI, BCR, BLACK, USB	BCR
21078325	DYNAFLEX II PED, KIOSK, PCI, BLACK, WLAN	NO

Coupled with Magensa Services

Get the best price for hardware when you couple with Magensa Web Services and a Locked Magensa Bundle.

DynaFlex II PED - Kiosk

PN	Description	Barcode
21078339	DYNAFLEX II PED, KIOSK, PCI, BLACK, USB, LOCKED MAGENSA BUNDLE LMB	NO
21078302	DYNAFLEX II PED, KIOSK, PCI, BCR, BLACK, USB, LOCKED MAGENSA BUNDLE LMB	BCR
21078355	DYNAFLEX II PED, KIOSK, PCI, BLACK, WLAN, LOCKED MAGENSA BUNDLE LMB	NO

Kiosk mount for unattended, vending, and self-service installations

Additional options and parts may be available. Ask a representative for complete details.

NEW COLLECTION
MORE ACCEPTANCE

MAGENSA L3 CERTIFIED
Ready for integration into your payment app. Make it easier with Magensa Gateway Services and L3 certification with leading processors.

DYNAFLEX II SCR FAMILY

EMV, NFC, MIFARE, DESFIRE, AND NTAG CONTACTLESS; EMV CONTACT CHIP, AND MSR. OPTIONAL 1D/2D BARCODE READING.

DynaFlex II SCRA products are PCI PTS 6.x, SRED certified. DynaFlex II SCRA devices come standard with the ability to accept magnetic stripe cards, EMV (Contact Chip and Contactless), NFC enabled mobile wallets, and Apple VAS and Google SmartTap protocols. DynaFlex II SCRA also accepts non-payment data from NTag, Mifare, and DESFire contactless technology.

DynaFlex II SCRA has an optional kiosk mount and optional barcode reader for QR Code and 1D/2D barcodes.

| Connection(s): | USB |
| Host Operating Systems: | Android, Windows |

DynaFlex II SCR - Countertop

PN	Description	Barcode
21078307	DYNAFLEX II, PCI, BLACK, USB	NO
21078331	DYNAFLEX II, PCI, BCR, BLACK, USB	BCR

Coupled with Magensa Services

Get the best price for hardware when you couple with Magensa Web Services and a Locked Magensa Bundle.

DynaFlex II SCR - Countertop

PN	Description	Barcode
21078352	DYNAFLEX II, PCI, BLACK, USB, LOCKED MAGENSA BUNDLE LMB	NO
21078356	DYNAFLEX II, PCI, BCR, BLACK, USB, LOCKED MAGENSA BUNDLE LMB	BCR

DYNAFLEX II SCR KIOSK

DynaFlex II SCR - Kiosk

PN	Description	Barcode
21078322	DYNAFLEX II, KIOSK, PCI, BLACK, USB	NO
21078314	DYNAFLEX II, KIOSK, PCI, BCR, BLACK, USB	BCR

Coupled with Magensa Services

Get the best price for hardware when you couple with Magensa Web Services and a Locked Magensa Bundle.

DynaFlex II SCR - Kiosk

PN	Description	Barcode
21078351	DYNAFLEX II, KIOSK, PCI, BLACK, USB, LOCKED MAGENSA BUNDLE LMB	NO
21078354	DYNAFLEX II, KIOSK, PCI, BCR, BLACK, USB, LOCKED MAGENSA BUNDLE LMB	BCR

Kiosk mount for unattended, vending, and self-service installations

Additional options and parts may be available. Ask a representative for complete details.

NEW COLLECTION
MOBILE

REDUCE PCI SCOPE - EXCEED COMPLIANCE MEASURES

MagTek mobile SCRAs deliver instant encryption, so your customers' sensitive card details never enter your phone or tablet. The data is sent securely over TLS connections for decryption, authentication, and processing.

DYNAFLEX II GO
EMV CONTACTLESS, NFC CONTACTLESS, EMV CONTACT CHIP, MSR, OPTIONAL 1D/2D BARCODE

DynaFlex II Go is a secure card reader authenticator in a small form factor that is ready to accept tap, swipe, and dip payments in a wide variety of retail environments. The small form factor is ready for countertop and mobile devices with USB or Bluetooth LE connection. Start accepting mobile wallets including via NFC Contactless or accept card payments via EMV Contactless, EMV Contact Chip, and magnetic stripe.

Connection(s): USB and Bluetooth LE

Host Operating Systems: Android, iOS, Windows

PN	Description	Differentiator
21078401	DYNAFLEX II GO, PCI, BLACK, BLUETOOTH LE	Bluetooth LE
21078400	DYNAFLEX II GO, PCI, BCR, BLACK, BLUETOOTH LE	Bluetooth LE and BCR
COUPLE WITH MAGENSA SERVICES FOR THE BEST PRICE		
21078405	DYNAFLEX II GO, PCI, BLACK, BLUETOOTH LE, LOCKED MAGENSA BUNDLE LMB	Bluetooth LE
21078404	DYNAFLEX II GO, PCI, BCR, BLACK, BLUETOOTH LE, LOCKED MAGENSA BUNDLE LMB	Bluetooth LE and BCR
ACCESSORIES		
21078409	DYNAFLEX II GO ADAPTOR FOR OTTERBOX	OtterBox Adaptor
21078408	DYNAFLEX II GO, KIT COUNTERTOP STAND	Stand

OtterBox UniVERSE Adaptor

Countertop Stand

IDYNAMO 5 (GEN III)
MAGNETIC STRIPE READER

iDynamo 5 (Gen III) SCRA is a compact mobile card reader for mPOS and reads magnetic stripe cards that conform to ISO standards. iDynamo 5 (Gen III) models are made for select Android, iOS, and Windows USB-C compatible devices.

Connection(s):   USB-C

Host Operating Systems: Android, iOS, Windows

PN	Description
21087027	IDYNAMO 5 GEN III, PCI, BLACK, USB

NEW AND CLASSIC
MAGSTRIPE SWIPE

IDYNAMO 5 (GEN II)
MAGNETIC STRIPE READER

iDynamo 5 (Gen II) SCRA is a compact mobile card reader for mPOS and reads magnetic stripe cards that conform to ISO standards. iDynamo 5 (Gen II) models are made for select iPhone and iPad devices with Lightning interface. Our adapters make attaching to different iOS devices simple and provide added swipe stability.

Connection(s):   Lightning

Host Operating Systems: iOS

PN	Description
21087013	iDynamo 5 (Gen II), SCRA

TAP-AND-GO FOR
FASTER TRANSACTIONS

EMV AND NFC CONTACTLESS FOR COUNTERTOP OR MOUNTED

Touchless payments are fast, convenient, and meet the needs of new growing markets. Major banks and card issuers are investing in contactless EMV cards and other barcodes, making them more prevalent. Combined with the rise of mobile wallets like Apple Pay, Samsung Pay, Google Pay, and others, there are major opportunities to deliver a reliable and affordable contactless EMV, NFC, and barcode reading device that is used in a variety of deployment scenarios.

DYNAPROX BCR
NFC/EMV MODULE, BARCODE READER | PCI PTS POI V6.X
IK08 | IP66

DynaProx BCR delivers the next generation in touchless payment acceptance. Contactless EMV and near field communication (NFC) coupled with barcode reading of QR Codes and 1D and 2D barcodes.

Connection(s):   USB-C, RS-232

Host Operating Systems: Android, Windows

PN	Description
21078028	DynaProx, PCI, BCR, Black, USB and RS-232
21078042	DynaProx, PCI, BCR, Black, USB and RS-232, Locked Magensa Bundle

DYNAPROX
NFC/EMV MODULE | PCI PTS POI V6.X | IK08 | IP66

DynaProx delivers touchless payment acceptance with contactless EMV and near field communication (NFC) technology. DynaProx devices are built for unattended kiosks with hard mounting points to match common kiosk and ATM bezel mounts

Connection(s):   USB-C, RS-232

Host Operating Systems: Android, Windows

PN	Description
21078013	DynaProx, PCI, Black, USB and RS-232
21078041	DynaProx, PCI, Black, USB and RS-232, Locked Magensa Bundle

DYNAPROX STAND
AVAILABLE FOR NFC MODULE AND NFC MODULE WITH
BARCODE READER | PCI PTS POI V6.X | IK08 | IP66

DynaProx devices can be mounted or accommodate counter tops with an optional stand. The physical design meets IK08 for impact resistance, IP66 for water ingress protection and the housing is made from UV resistant plastic.

Connection(s):   USB-C, RS-232

Host Operating Systems: Android, Windows

PN	Description	Note
21078012	DynaProx, Kit Countertop Stand	Solo
21078043	DynaProx, PCI, Black, USB and RS-232, with Countertop Stand	Kit
21078044	DynaProx, PCI, BCR, Black, USB and RS-232, with Countertop Stand	Kit

COUNTER OR KIOSK ENCRYPTING SWIPE CARD READERS

DURABLE, RELIABLE, AND EASY TO INTEGRATE

A simple device connection and a reliable swipe path make training fast. Designed for simplicity, magnetic stripe card readers and keypads allow retailers to focus on business with direct integration into existing POS terminals and existing merchant accounts. MagTek offers a comprehensive platform of drivers, APIs, and SDKs for fast development.
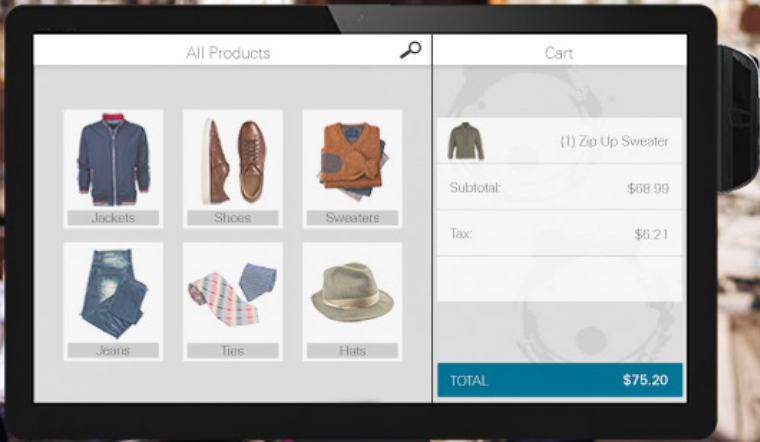
MAGSTRIPE FOR KIOSK OR COUNTERTOP PAYMENTS AND TRANSACTIONS

Encryption and faster development are ideal for merchants, call centers, enterprise access, and anywhere magnetic stripe transactions are all you need to offer.

DYNAMAG
MAGNETIC STRIPE READER

Dynamag SCRA is a card reader made for countertop or mounted point of sale and digital transaction environments. Dynamag is a bidirectional magnetic stripe card reader; is USB plug and play; and is a 100% compatible drop-in replacement for MagTek legacy card readers. A great device to add encryption to your solution.

Connection(s):   USB

Host Operating Systems: Android, Windows

PN	Description
21073062	Dynamag, 3-Track, Black, V5, Keyboard
21073075	Dynamag, 3-Track, Black, V5, HID
21073145	Dynamag, 3-Track, Black, V5, Keyboard, Non-encrypting

DYNAPAD
MAGNETIC STRIPE READER (MSR) WITH KEYPAD

For merchants, financial institutions, and call centers that want durability, security, and flexibility for card present and card not present transactions, DynaPAD SCRA offers a reliable, long swipe path for magnetic stripe cards, an easy-to-use keypad for manual entry of card data, and USB HID or USB Keyboard Emulation.

Connection(s):   USB

Host Operating Systems: Android, iOS, Linux, Windows

PN	Description
21087008	DynaPAD, USB

MT-211
NON-ENCRYPTING SWIPE CARD READERS

USB KEYBOARD (KB) EMULATION
MAGNETIC STRIPE READER (MSR)

These readers are compact magnetic stripe card readers with a single read head that conform to ISO standards and are bi-directional. They are compatible with any device with a USB interface. The reader emulates a USB Human Interface Device (HID) United States keyboard or optionally all international keyboards using ALT ASCII code keypad key combinations or customizable key maps. This allows host applications designed to acquire card data from keyboard input to seamlessly acquire the card data from the USB swipe reader.

PN	Description
Keyboard Emulation	
21040109	MAGTEK, MT-211, USB, KEYBOARD EMULATION, TRACK 1&2, PEARL WHITE CARD READER
21040110	MAGTEK, MT-211, USB, KEYBOARD EMULATION, TRACK 1&2, BLACK CARD READER
21040107	MAGTEK, MT-211, USB KEYBOARD EMULATION, 3 TRACK, 6' CBL, USB ELECT/CON, PEARL WHITE
21040108	MAGTEK, MT-211, USB KEYBOARD EMULATION, 3 TRACK, 6' CBL, USB ELECT/CON, BLACK CARD READER

SURESWIPE
USB KEYBOARD (KB) EMULATION
MAGNETIC STRIPE READER (MSR

The USB KB SureSwipe is a card reader with two magnetic heads. SureSwipe reader was designed specifically to read any magnetic stripe card regardless of which way the magnetic stripe is facing when swiped. SureSwipe's dual heads provide convenience for the user by eliminating the confusion when swiping a card.

PN	Description
USB Keyboard SureSwipe	
21040145	MAGTEK, MT-211, USB KEYBOARD EMULATION, 3 TRACK, DUAL HEAD SWIPE, BLACK CARD READER

USB (HID) HUMAN INTERFACE DEVICE
MAGNETIC STRIPE READER (MSR)

These swipe readers are compact magnetic stripe card readers with a single read head that conform to ISO standards and are bi-directional. The readers are compatible with any device with a host USB interface. Unlike HID keyboard emulation readers, they do not use keyboard emulation and behave like a vendor-defined HID device, so that a direct communication path can be established between the Host application and the device without interference such as keystrokes from other HID devices.

PN	Description
HID Interface	
21040101	MAGTEK, MT-211, USB HID, 3 TRACK, 6' CBL, USB ELECT/CON, PEARL WHITE CARD READER
21040102	MAGTEK, MT-211, USB HID, 3 TRACK, 6' CBL, USB ELECT/CON, BLACK CARD READER
21040103	MAGTEK, MT-211, USB HID, TRACK 1&2, 6' CBL, USB ELECT/CON, I/F, PEARL WHITE CARD READER
21040104	MAGTEK, MT-211, MINI USB HID, TRACK 1&2, 6' CBL, USB ELECT/CON, BLACK CARD READER

RS-232 PORT POWERED
MAGNETIC STRIPE READER (MSR)

These readers are compact magnetic stripe card reader which conforms to ISO/ANSI standards and are bi-directional. They are compatible with the PC series of personal computers or any device with a serial RS-232 interface. Since the input voltage is supplied by a relatively low source of power, the swipe reader depend on its input capacitor to maintain proper charge during all operations.

PN	Description
RS-232	
21040071	MAGTEK, MT-211, RS-232 MSR, TRACK 1&2, 6'CBL, DE9, PEARL WHITE CARD READER
21040074	MAGTEK, MT-211, RS-232 MSR, 3 TRACK, 6'CBL, DE9, PEARL WHITE CARD READER
21040075	MAGTEK, MT-211, RS-232 MSR, TRACK 2, 6'CBL, DE9, PEARL WHITE CARD READER
21040079	MAGTEK, MT-211, RS-232 MSR, TRACK 1&2, 6'CBL, DE9, BLACK CARD READER
21040082	MAGTEK, MT-211, RS-232 MSR, 3 TRACK, 6'CBL, DE9 CONN, BLACK CARD READER
21040080	MAGTEK, MT-211, RS-232 MSR, TRACK 2, 6'CBL, DE9, BLACK CARD READER

POINT-OF-SALE
COUPLE WITH MAGENSA
SERVICES OR USE EXISTING L3 ...

MOBILE MERCHANTS

Mobile SCRAs deliver a POS that fits in the palm of the hand and allows merchants to set up shop almost anywhere for in-person direct sales and payment. Whether you are an on-the-road sales force, or a company of one, MagTek mobile devices are priced to meet the scale of your business.

Bring the POS terminal to your customers to ease their minds and make the process faster and easier. Mobile SCRA devices in-store create line-busting service for busy seasons and enhance the customer experience by making every guest feel they are part of the family with greet and check in stations. Non-profits improve fund-raising events and donations at the door.

L3 CERTIFIED OR MAGENSA SERVICES

These devices are fully supported, in inventory, and are L3 certified with Magensa. Ready for your payment application.

IDYNAMO 6
EMV CONTACTLESS, NFC CONTACTLESS, MSR, EMV CONTACT CHIP
LIGHTNING | IOS

Cafés, restaurants, boutiques, and large retailers will benefit from iDynamo 6, the next generation of MagTek secure card reader authenticators. iDynamo 6 reads magstripe cards, EMV Contact Chip, EMV contactless, and NFC enabled mobile wallets including Samsung Pay, Google Pay, and Apple Pay.

PN	Description
21087016	iDynamo 6, SCRA, Lightning for iOS
21087021	iDynamo 6, SCRA, Lightning for iOS, Locked Magensa Bundle (LMB)

IDYNAMO 6
EMV CONTACTLESS, NFC CONTACTLESS, MSR, EMV CONTACT CHIP
USB-C | ANDROID, IOS, WINDOWS

Built for flexibility - restaurants, boutiques, and airlines will benefit from iDynamo 6, the next generation of secure card reader authenticators. iDynamo 6 USB-C is compatible with iOS, Android, and Windows devices, extending the versatility.

PN	Description
21087023	iDynamo 6, SCRA, USB-C, iOS, Windows, and Android
21087022	iDynamo 6, SCRA, USB-C, iOS, Windows, and Android, Locked Magensa Bundle (LMB)

COUPLE WITH MAGENSA
SERVICES OR EXISTING L3 • • •

TDYNAMO (GEN II)
EMV CONTACTLESS, NFC CONTACTLESS, EMV CONTACT CHIP, MSR

USB-C, BLUETOOTH LE | ANDROID, IOS, WINDOWS

tDynamo SCRA accepts magnetic stripe, EMV, and NFC transactions in a small compact form. It connects via USB or Bluetooth LE, making it the perfect solution for Android, iOS, or Windows devices.

PN	Description
21079837	tDynamo (Gen II), EMV / SWIPE / NFC SCRA
21079858	tDynamo (Gen II), EMV / SWIPE / NFC SCRA, Locked Magensa Bundle

TDYNAMO STAND
FOR TDYNAMO AND TDYNAMO (GEN II)
LOCK IN PLACE FOR CHARGING OR QUICKLY REMOVE FOR MOBILE TRANSACTIONS

tDynamo has an optional, mountable stand, making it ideal if you need a countertop solution that easily switches to line-busting, mobile payments, and identification transactions.

PN	Description	Note
21079820	tDynamo /tDynamo (Gen II) Docking Stand	Solo
21079824	tDynamo Device with Docking Stand	Kit

EDYNAMO
EMV CONTACT CHIP AND MAGNETIC STRIP (MSR)

eDynamo SCRA reads magnetic stripe and EMV chip cards and connects via USB or Bluetooth LE. The dual interface delivers compatibility for traditional Microsoft Windows computers in addition to certain Bluetooth LE compatible tablets and smart phones. Its optional docking station allows for greater flexibility between mPOS, POS, and other digital transactions.

Connection(s):   USB-C, Bluetooth LE

Host Operating Systems: Android, iOS, MACOSX, Windows

PN	Description
21079802	eDynamo, Secure Card Reader Authenticator
21079849	eDynamo, Secure Card Reader Authenticator with Locked Magensa Bundle

EDYNAMO AND DOCKING STATION
EMV CONTACT CHIP AND MAGNETIC STRIP (MSR)

eDynamo is designed and tested to operate as a handheld device or surface-mounted device. For solutions that require mounting, eDynamo can be installed in the docking station that has micro-suction mounting feet with considerable holding power. The docking station is mostly suitable for solutions where eDynamo operates permanently on USB power.

Connection(s):   Clips into place

Options: Kit or Solo

PIN PED

MagTek PIN entry devices offer more than other devices in the marketplace, with the MagneSafe Security Architecture. Perfect for branch-automation, consumer identification verification, and retail point of sale.

DYNAPRO GO
MAGNETIC STRIPE, SIGNATURE CAPTURE, MANUAL ENTRY, EMV/NFC LEGACY

DynaPro Go is a handheld, secure PIN entry device that accepts magnetic stripe cards, EMV chip Cards, and EMV/NFC contactless transactions, with a backlit keypad. Able to connect via USB, 802.11 wireless and Bluetooth LE, this versatile mobile device is perfect for retailers and financial institutions.

Connection(s):   USB, Bluetooth LE, WLAN

Host Operating Systems: Android, iOS, Windows

PCI Certification: PCI PTS 4.x, Exp 30 Apr 2024

PN	Description
30056219	DynaPro Go - USB PROD, PIN, NON-PCI, SigCap

SMALL DOCUMENT AND CHECK SCANNERS

MICR READER WITH SECURE CARD READER AUTHENTICATOR

MICR readers are built for reliability and security and are ideal for applications where fast and accurate MICR reading is required. From retail checkout lines to teller line image capture for branch automation which reduces paperwork, data entry error, and courier costs.

MICRSAFE
MICR READER WITH SECURE CARD READER AUTHENTICATOR

MICRSafe is a MICR check reader that enables retailers and financial institutions to easily accept MICR data that fits into application requirements. Designed for multi-use environments, it has an integrated 3-track secure card reader authenticator ready to accept ISO, AAMVA, credit, debit, and ID cards.

| Connection(s): | USB; USB KB, RS-232 Aux |
| Host Operating Systems: | Windows |

PN	Description
22551001	MICRSafe USB (VCOM) - 3 Tracks, 110V /220V, Dark Gray
22551002	MICRSafe USB (KB) - 3 Tracks, 110V /220V, Dark Gray

IMAGESAFE
CHECK SCANNER WITH MSR AND VIRTUAL ENDORSEMENT

ImageSafe is a compact check reader and dual-sided scanner that offers a cost-effective solution to implement electronic applications. Ideal for use with Check 21, BOC, and remote deposit capture applications, ImageSafe also includes integrated secure card reader authenticator.

Connection(s):   USB

Host Operating Systems: Windows

PN	Description
22370001	ImageSafe USB 1.1 or 2.0, 110V/220V, Virtual Printing, MagneSafe MSR, Dual Scan, No color
22370002	ImageSafe USB 1.1 or 2.0, International, Virtual Printing, MagneSafe MSR, Dual Scan, No color

EXCELLA STX
CHECK SCANNER WITH MSR AND PRINTER

Excella STX is merchants and financial institutions that need an affordable method for rapid image capture at the earliest entry point when processing BOC, Check 21, and remote deposit capture transactions. Excella STX leads the industry in reliability and ease-of-use. Featuring a front and back printer for franking and endorsing, and front and back image scanning in a quick, single pass. The small footprint unit also offers single-side scanning for standard ID cards and offers an optional color scanning feature.

Connection(s):   USB

Host Operating Systems: Windows

| PN	Description
22350009	Excella STX, with SCRA, Back of check printing, Dual sided black & white scanner
22350005	Excella STX, with SCRA, Back of check printing, Front franking, Dual sided black & white scanner
22350001	Excella STX, with SCRA, Back of check printing, Front franking, Color Scanner

OEM

MAGSTRIPE OEM SCRA

Perfect for environments where you are just getting started accepting payments or digital transactions with the least amount of certification.

STRONG ENCRYPTION

MagneSafe encryption scrambles the data at the point of swipe, providing instant protection. Without the secret key, the data is unreadable and never in the clear. By using strong industry standard encryption algorithms along with sound key management, MagneSafe protects cardholder data from prying eyes and eavesdroppers.

TAMPER RECOGNITION

MagneSafe recognizes tampered cardholder data and assures that transactions are only performed using legitimate, unaltered cardholder information.
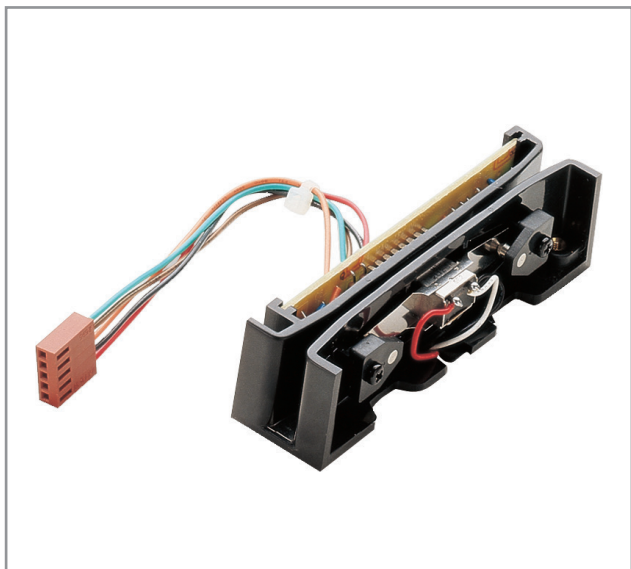
OEM USB SWIPE READERS

OEM USB MagneSafe readers are compact magnetic stripe card readers that conform to ISO standards. In order to maximize card security, the readers incorporate data encryption within the head to protect the card contents on from the point of swipe. The readers are compatible with any device having a host USB interface. A card is read in the swipe readers by sliding it, stripe down, through the slot either forward or backward. Ready for USB HID or Keyboard Emulation. Conform to the USB HID (Human Interface Device) Class specification Version 1.1 allowing host applications designed for most versions of Windows to easily communicate to the readers using standard Windows API calls that communicate to the reader through the HID driver that comes with Windows.

PN	Description
21030062	MagneSafe V5, OPT-SPR, 3TK, 58.5M, FLEX USB
21073067	MAGNESAFE V5 INTELLIHEAD, 3TK, 90mm, FLEX USB
21073080	MAGNESAFE V5 INTELLIHEAD, 3TK, 90mm, SLIM FLEX

Additional various springs and rails are available. Contact your representative for more details.

MAGNETIC STRIPE HEADS AND RAILS

MAGNESAFE INTELLIHEAD

MagneSafe IntelliHead is the industry's first magnetic-sensing, media-validating, tamper-resistant security module. It is more than just a magnetic read head. It delivers unmatched protection from the inside by capturing more robust magnetic information for next-generation security. A small heavy-duty bracket holds a pre-aligned reader/ authenticator ready for snap-in installation. All of its processing power and communication circuitry is located within the mounted authentication sensor. As a result, the MagneSafe IntelliHead sets new standards for small size, security, increased noise immunity, and excellent environmental resistance with complete compatibility to existing reading applications. MagneSafe IntelliHead is security built into MagTek's line of SCRAs. MagTek IntelliHead delivers reliability.

### Host Operating Systems: Android, Linux, Windows

PN	Description
21030130	MGSFCO 3TK INTELLIHEAD BUTTERFLY 150MM 5P MOLEX USB-HID MAGNESAFE V5
21030085	MAGNESAFE INTELLIHEAD, V5, B-SP 125mm, WRE, 5PMLX, USB
21030088	MAGNESAFE V5 INTELLIHEAD, 3TK, BUTTERFLY SPRING, 125MM 8P MOLEX SPI
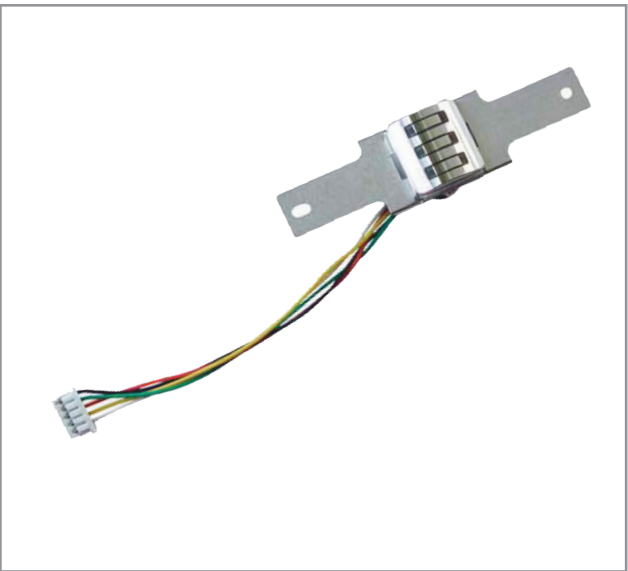
SHIFT-OUT INTELLIHEAD

MagTek's Shift-Out IntelliHead consists of a high-performance multi-channel fully integrated magnetic stripe decoder chip encapsulated within a low-profile magnetic read-head. This innovative, yet low-cost card reading solution offers many important advantages over the conventional less integrated approach. The fully integrated Shift-Out IntelliHead is recommended for optimal performance and 1 million passes.

PN	Description
21030001	INTHD SHIFT-OUT INTHD 3TK 125MM WIRE 5PIN CONN
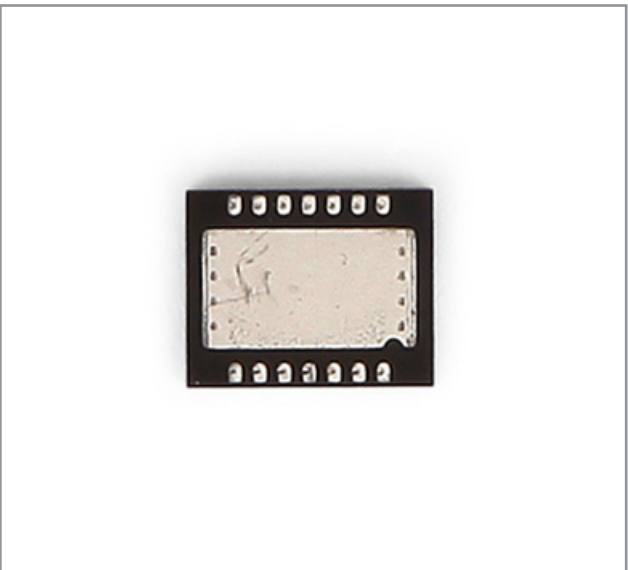
DELTA ASIC

This version of our high-performance low-cost three-channel fully integrated magnetic stripe decoder chip or ASIC (Application Specific Integrated Circuit). This new version offers better economy with added features. Still packaged in a 14 pin MLFTM (MicroLeadFrameTM), this new ASIC provides backwards compatibility while adding an easier reset function, a larger data buffer, lower power, and indefinite memory retention

PN	Description
21006541	ICC F/2F DECODE,3TK-SHIFT/LF 3V T/R (21006540), SHIFT OUT ASIC

Additional various springs and rails are available. Pictures do not depict all items. Contact your representative for more details.

ORIGINAL EQUIPMENT MANUFACTURERS

MAGSTRIPE AND EMV CHIP

From OEM payments to access control and identification, MagTek's secure insertion card readers with magnetic stripe and EMV chip card capabilities are a great way to secure your digital transactions.

ODYNAMO
EMV CONTACT CHIP AND MAGNETIC STRIPE READER | PCI PTS 5.X, SRED

oDynamo SCRA reads magnetic stripe cards and EMV chip cards and is designed to be impervious to liquid and harsh environmental elements. This makes it an ideal solution for gas pumps, vending machines, and other unattended payments. oDynamo supports multiple communication protocols and connections.

Connection(s):　　　　USB, Ethernet, RS-232, TIA232F

Host Operating Systems:　　　Android, Linux, Windows

PN	Description
21060208	oDynamo, Hybrid, EMV Contact Chip, Swipe, Insertion SCRA, metal Bezel, PCI
21060209	oDynamo, Hybrid, EMV Contact Chip, Swipe, Insertion SCRA, metal Bezel, PCI, Locked Magensa Bundle

INCREASE SALES -
MOVE BEYOND CASH AND COIN

Easier and faster acceptance makes for increased sales and increased customer referrals. Being able to accept digital payments and in-person payments is critical to providing your customers with the payment experience they want.

DYNADIP
EMV CONTACT CHIP AND MAGNETIC STRIPE READER

DynaDip SCRA combines a secure magnetic stripe insertion card reader and EMV chip card reading into one basic form-factor for OEM payments, access control, and other environmentally controlled unattended solutions. Both card reading technologies connect to the host as one logical device.

Connection(s):   USB

Host Operating Systems: Android, Linux, Windows

PN	Description
21079835	DynaDip, Flat Bezel, Insertion SCRA
21079838	DynaDip, Extended Bezel, Insertion SCRA
21079844	DynaDip Angle Bracket Kit for Extended Bezel
21079847	DynaDip, Flat Bezel, Insertion SCRA, Locked Magensa Bundle
21079848	DynaDip, Extended Bezel, Insertion SCRA, Locked Magensa Bundle

MAGNESAFE I-65
EMV CONTACT CHIP AND MAGNETIC STRIPE READER

MagneSafe I-65 SCRA reads magstripe and EMV chip cards and is designed for non-payment, self-service applications. The optional card-latch feature allows the card to be securely held within the reader during the entire transaction process.

Connection(s):   USB, RS-232

Host Operating Systems: Android, Linux, Windows

PN	Description
21165073	I-65 with Int'l bezel. Includes: latch, gate, and SAM socket. Contactless ready.
21165074	I-65 with S bezel. Includes: latch, gate, and SAM socket. Contactless ready.
21165076	I-65 with metal bezel. Includes: latch, gate, and SAM socket. Contactless ready .
21165077	I-65 with metal bezel. Includes: latch, gate, and SAM socket. Contactless full (antenna not mounted).

OEM

EMV CONTACT CHIP MODULE

There are more ways to pay and perform digital transactions than ever before. MagTek has the EMV payment modules, components, and peripherals you need for your transaction environment.
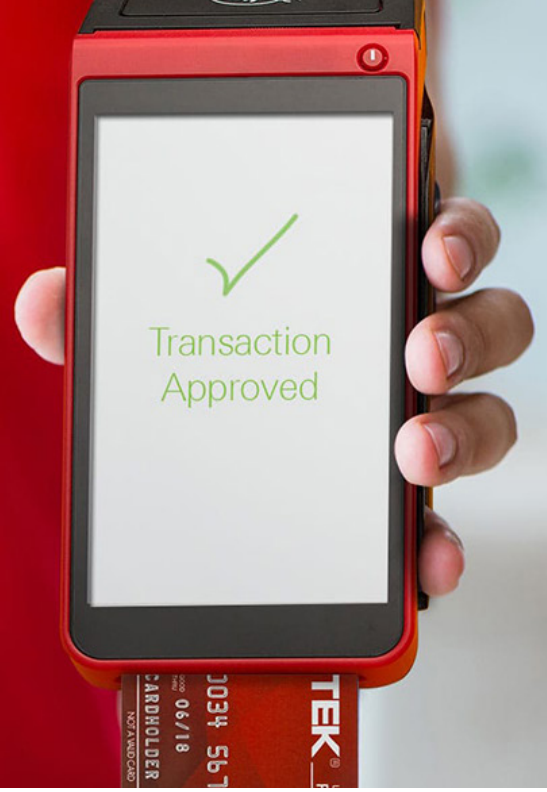
MDYNAMO
EMV CONTACT CHIP MODULE WITH SPI AND UART

mDynamo is an EMV chip card module that connects via USB with two optional auxiliary ports (SPI and UART) giving users the flexibility to add a variety of transaction and OEM payment solutions in a compact, modular design. The small form-factor makes it easy to integrate into designs.

Connection(s):   USB with SPI, UART

Host Operating Systems: Android, Windows

PN	Description
21079812	mDynamo, Insertion SCRA Module
21079845	mDynamo, Insertion SCRA Module with DynaDip, Insertion SCRA, Magensa Locked Bundle

MDYNAMO WITH OUTDOOR BEZEL
EMV CONTACT CHIP MODULE WITH BEZEL

mDynamo with Outdoor Bezel is an IP34 rated EMV chip card module that is designed for integration into indoor and outdoor, unattended kiosks. The card insertion slot features a spring-loaded door to help prevent dust and moisture from entering the reader. The chassis and reader also feature a built-in drain to attach an external drain tube.

Connection(s):   USB

Host Operating Systems: Android, Windows

PN	Description
21079852	mDynamo, Insertion SCRA Module, Flat Bezel Outdoor
21079853	mDynamo, Insertion SCRA Module, Enclosure

PERMASEAL
MAGNETIC STRIPE READER

PermaSeal SCRA is designed for installations that might be subjected to harsh environments such as fuel pumps and outdoor kiosks. The water-tight design of the bezel and reader body make it ideal for OEM unattended applications. PermaSeal is a magstripe, 3-track, encrypting card reader.

Connection(s):   USB mini

Host Operating Systems: Android, Linux, Windows

PN	Description
21063018	P-Series, MagneSafe, Insertion Reader, USB, Extended Bezel, Head Right
21063019	P-Series, MagneSafe, Insertion Reader, USB, Extended Bezel, Head Left

SLIMSEAL
MAGNETIC STRIPE READER

SlimSeal SCRA is a secure OEM insertion card reader available in a variety of interfaces and head arrangements. SlimSeal can be mounted either for horizontal or vertical card insertion, perfect for element-controlled environments. SlimSeal is a magstripe, 3-track, encrypting card reader.

Connection(s):   USB mini

Host Operating Systems: Android, Windows

PN	Description
21063020	P-Series, MagneSafe, Insertion Reader, USB, Flat Bezel, Head Right
21063021	P-Series, MagneSafe, Insertion Reader, USB, Extended Bezel, Head Left

NON-ENCRYPTING INSERTION READER

MT-215
MAGNETIC STRIPE READER

MT-215 USB card reader is a manually operated or push-in reader, which connects via USB (Universal Serial Bus) HID (Human Interface Device). This insertion reader is a compact magnetic stripe card reader, which conforms to ISO standards. Single or dual head configurations and non-encrypting.

Connection(s):   USB

Host Operating Systems: Android, Windows

PN	Description
21066020	MT-215, Insertion Reader, Track1&2, 1HD RT, HLF CRD PRT PWR, BLK
21066022	MT-215, Insertion Reader, Track1&2,1HD RT,HLF CRD,USB,BLK NO CBL

Additional MT-215 devices are available. Contact your representative for more details.

MAGENSA WEB SERVICES

The Magensa mission is to secure global digital transactions and prevent fraud. Magensa provides services in the payment and identification domains for data protection and dynamic authentication. Magensa services work in an omni-channel ecosystem and, when combined with MagTek hardware, protect sensitive data at the first point of interaction. Magensa is a subsidiary of MagTek, built from support and developed into success.

For over 15 years, we have been providing services to major financial institutions, retail, hospitality, and other commercial organizations around the globe, securing sensitive data and processing high volumes of transactions securely. Magensa is a leading provider of data protection and payment gateway services. Companies interested in protecting personally identifiable information, performing secure payments, or non-payment transactions use a variety of Magensa Services to accomplish their goals. Magensa delivers a portfolio of services that leverage our cryptographic core as a cloud service. When it comes to data protection and payment gateway services, Magensa's uniqueness stems from the flexibility and value our services provide to ISVs, developers, and integrators.

MAGENSA

PRODUCT HIGHLIGHTS

GATEWAY AND TOKENIZATION SERVICES
Magensa's Gateway and Tokenization Services are L3 certified, cost-effective, easy to use, and secure.

DEVELOPER TOOLS
Tools for development including code samples, browser and app tools, and SDKs.

REMOTE SERVICES AND SUPPORT
Know the devices you are communicating with are legitimate with device authentication for remote services including key injection and device configuration. We have the support staff and partnerships you need for success.

SOFTWARE APPLICATIONS
Our products are easier to communicate with, better at understanding commands, and work with apps for fast deployment.
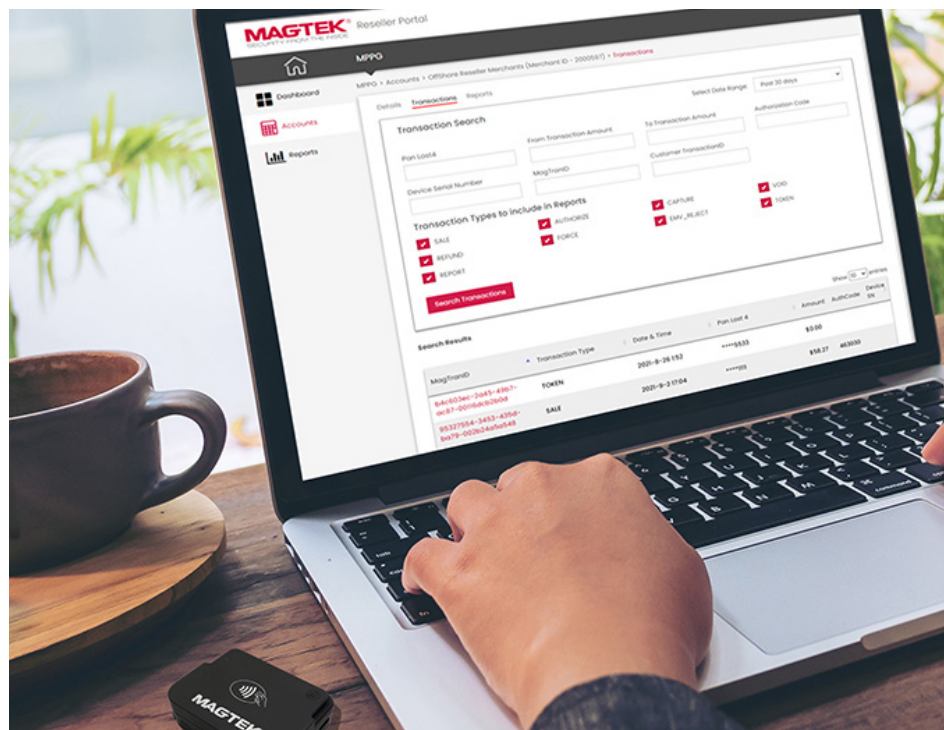
ACCEPT MORE PAYMENT TYPES
THROUGH ONE VENDOR

Magensa Services accept payments in-person, online, and in-app. Instead of building out 3 or more separate interfaces and platforms, developers build one interface to Magensa to handle payments anywhere they need, including curb-side, in-person, eCommerce, online, payment applications, and more.

MAGENSA IS THE PAYMENT LAYER YOU NEED

When independent software vendors work with Magensa Gateway services, it gives them the ability to authorize, capture, process, and optimize payments through one interface. Instead of having to integrate with a fraud security company, an online payments provider, an in-person payments provider, and a mobile payments provider, various processors, and multiple different gateways, they only integrate to Magensa. Magensa is smart enough to send the data where it needs to go for final processing.

SAVE TIME AND RESOURCES WHILE RECEIVING RELIABLE SERVICE

99.97% UPTIME

and guaranteed service. Our Secure Data Center operates 24 hours, 7 days a week, 365 days a year with technical support. We offer a layered defense with automatic fail-over and load balancing.

OMNI-CHANNEL SECURITY

MAGENSA PAYMENT GATEWAY SERVICES

TOUCH-FREE SOLUTIONS

Central to Magensa's payment gateway services is the ability to deliver touch-free solutions on location, mobile, or on-line. Security through dynamic encryption and tokenization, a PCI-DSS infrastructure, and omni-channel support to initiate and complete payments are at the heart of our touch-free platform. These solutions include:

PAYMENT INITIATORS
eCommerce, Online, QRCode, Point of sale, URL Link, Invoicing

PAYMENT PLATFORMS
Magensa PCI-DSS environment TokenExchange and Gateway

PAYMENT METHODS
Touchfree payment methods or payment execution

- **URL links or QR Codes:** Display or print QR codes to launch a secure payment page for touch-free pay-at-the-table or curb side transactions. Send a link by e-mail or text for invoice or payment request.

- **eCommerce Payments:** facilitated by embedded client-side JavaScript enabling direct connection to Magensa hosted, customer branded payment form.

- **Cross Merchant Tokens:** Support subscriptions for consumer profiles across multiple merchants.

- **Contactless Acceptance:** MagTek Dyna readers that exclusively, or in combination with other capabilities, support NFC (contactless) cards or mobile wallets on a stand, lanyard, built into a phone or tablet case, or at a kiosk.

- **In-app Payments:** Apple Pay/Google Pay/Samsung Pay in-app payment support for frictionless payments.

- **Manual Entry Portals:** Portals to facilitate merchant keyed transactions that are standalone or integrated.

- **Kiosk Mode:** Unattended payment technology service through Magensa QwickPAY mobile payment application.

GATEWAY SERVICES

ACCEPT AND SECURE PAYMENTS THROUGH GATEWAY AND TOKENIZATION SERVICES

Magensa Payment Protection Gateway and Tokenization Services are an extensive set of web services used by integrators and software developers to secure point-of-sale (POS) systems and other sensitive data in mobile, eCommerce, and traditional brick-and-mortar settings. Magensa payment gateway services provide ISVs/developers with a PCI-DSS certified environment for securely processing payment transactions. Retail, Restaurant, Fuel, Gift/Loyalty Cards, and FSA/HSA/IIAS application certifications are supported by some or all processors.

PRODUCT HIGHLIGHTS

- L3 Certified with Leading Processors
- PCI Level 1 Service Provider Compliant
- Visa Global Registry Service Provider
- Improve Payment Flexibility
- Credential Authentication in 30msec
- Save Money
- Remove Encryption Keys from Environment
- Speed the Integration Process
- Reduce or Remove PCI Scope

WEB SERVICES.

Magensa Payment Protection Gateway and Decrypt & Forward Services have Dyna family EMV certifications with leading payment processors, including FIS (WorldPay), Fiserv (FirstData), TSYS, Heartland, NAB (EPX), Elavon, and Chase. ISVs and developers have the flexibility of using a broad combination of Dyna family products and certified processors.
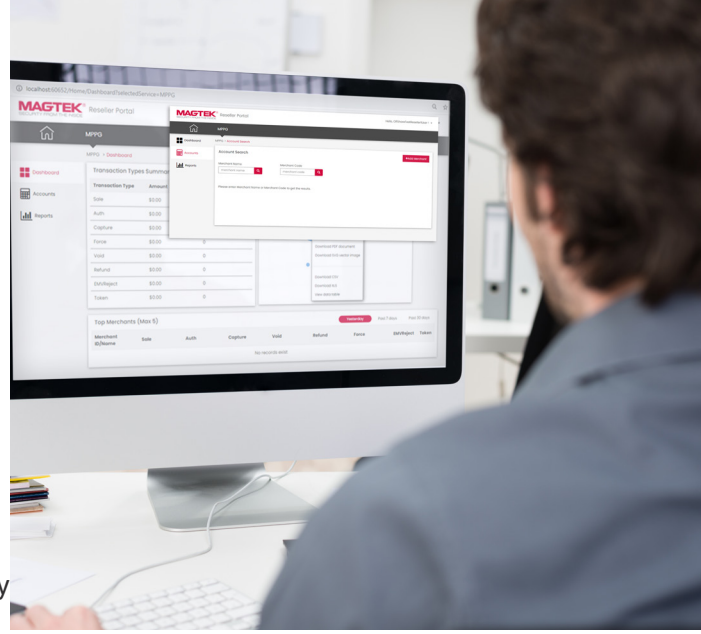
MAGENSA PAYMENT PROTECTION GATEWAY

GATEWAY SERVICE

A trusted gateway engineered to connect cardholders, merchants, financial institutions, and ISVs to a wide array of payment processors and other gateways.

- Payment Functions for Authorization, Sale, Void, Refund, and Capture
- Token Generation and Redemption (card on file)
- Accept Magstripe, Barcode, Manual Entry, EMV, and NFC (including mobile wallets such as Android Pay, Google Pay and Apple Pay)
- L3 Certification with Leading Payment Processors
- Reseller and Merchant Portals
- Key Generation and Management

MERCHANT PORTAL

The Merchant Portal is used to access existing merchant information. New and existing merchants can reset merchant credentials, search transactions, view transaction details, and perform custom reporting.

Secure Login with Multi-factor Authentication

The Merchant Portal employs state of the art Personal Access Tokens and multifactor authentication, powered by Qwantum Multifactor Authentication (QMFA), a MagTek Service, to enable convenient and secure authentication and access to the Merchant Portal. The primary method for authenticating and accessing the Merchant Portal is a Personal Access Token that can be stored in your browser.

RESELLER PORTAL

The Reseller Portal application is used to access existing merchant information, onboard merchants, update merchant details, view transaction details, and custom reporting.

SUBSCRIPTION OPTIONS

MPPG: Monthly Service Fee

MPPG: Annual Service Fee

MPPG w/Tokenization: Per Redemption

GATEWAY SERVICES

ACCEPT PAYMENTS THROUGH MORE PLACES

ACCEPT PAYMENTS FROM MORE PLACES
In-Store, in-app, Mobile, eCommerce, Online, Hosted Payment Pages, Payment Requests, Push-Payments, Electronic Invoicing

MAGENSA DECRYPT AND FORWARD
Magensa Decrypt and Forward is often used by these third-party service providers: Payment processors, tokenization services, card fraud alert services, gift card processors, credit check services, special-purpose gateways EBT, procurement card, etc.

MAGENSA DECRYPT
There are three operations in the Magensa Decrypt service DecryptCardSwipe, DecryptData, and GenerateMac.

TRANSACTIONS
ACCEPT CARDS

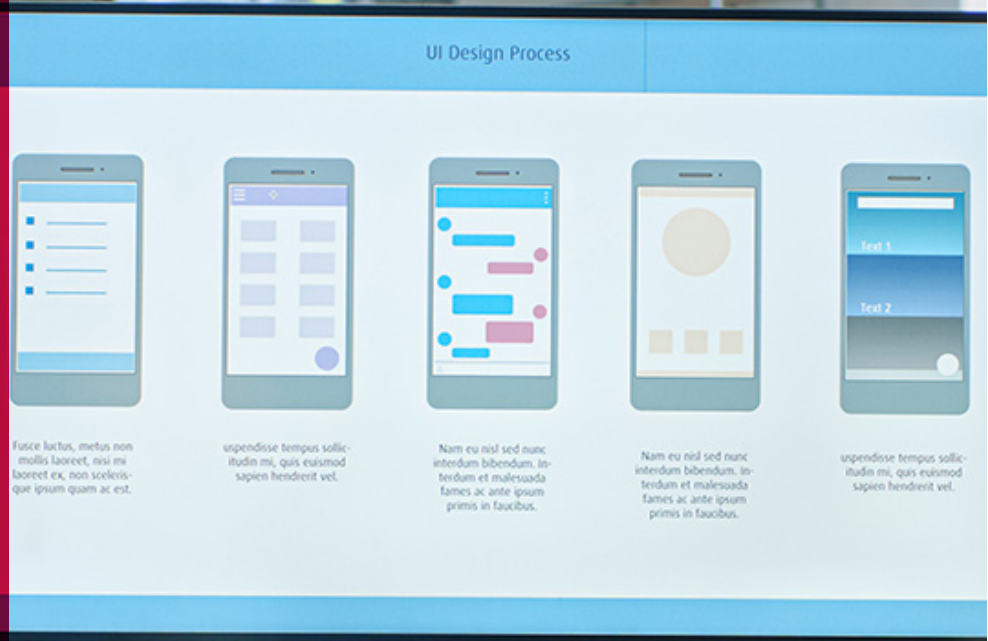EMV Contactless, EMV Contact Chip, Magnetic Stripe, Debit, Gift, Credit, ATM, AAMVA, D-PAS, PayPass/MCL, payWave, ExpressPay, Loyalty, EBT, FSA/HSA

ACCEPT MOBILE WALLETS AND WEARABLES

NFC Contactless, Mifare, DESFire, NTag, Apple Pay®, Apple VAS, Google Smart Tap, Google Pay™

ACCEPT OTHER DIGITAL PAYMENTS

MAGENSA DECRYPT & FORWARD (DAF)
GATEWAY SERVICE

A secure translation service to add encrypting readers quickly and easily at the point of interaction to minimize sensitive data at the domain level.

- Payment Functions for Authorization, Sale, Void, Refund, Capture and Gift Card Acceptance
- Accept Magstripe, Barcode, Manual Entry, EMV, and NFC (including mobile wallets such as Android Pay, Google Pay and Apple Pay)
- L3 Certification with Leading Payment Processors
- Key Generation and Management
- Recommended for larger merchants and organizations that have a development team.

SUBSCRIPTION OPTIONS

DAF: Monthly Service Fee

DAF: Annual Service Fee

DAF w/Tokenization: Per Redemption

MAGENSA DECRYPT
DATA PROTECTION SERVICE

Bring encrypted data from the point of interaction to a central location for decryption and relay. Decrypt is one of the Magensa web services used for the POS (Point of Sale) transactions. At POS transactions high security is required as extremely sensitive information is handled.

- Supports loyalty and rewards programs
- Include other types of personally identifiable information (PII)
- Supports magstripe, barcode, chip and NFC
- Key generation and management
- Recommended for larger organizations that have a development team.

SUBSCRIPTION OPTIONS

DECRYPT: Monthly Service Fee

DECRYPT: Annual Service Fee

WEB SERVICES.

TOKENIZATION SERVICES

SECURE SENSITIVE DATA THROUGH DATA PROTECTION SERVICES

Magensa transaction security combines a layered approach to secure sensitive data (personal identification information (PII), payment data, and other non-payment data) through the MagneSafe Security Architecture.

PRODUCT HIGHLIGHTS

- Encryption with 3DEA
- DUKPT Key Management
- Mutual Authentication
- Session IDs
- Proven Security Procedures
- Comprehensive Audit Trail Per Device
- Member of ISO and ANSI
- TR-31 and PCI PIN Compliant
- MasterCard Terminal Quality Management

MagTek offers a wide variety of hardware offering barcode, QR Code, manual entry, signature capture, NFC contactless, EMV Contactless, EMV Chip, and magstripe options that work with these EMV L3 certifications and connect to a variety of processors. When you use Magensa Gateway Services, if you change your MagTek hardware, acquirer, or operating systems, you don't need to switch your payment processor.

MAGENSA TOKENEXCHANGE

PAYMENT TOKENS AND TOKENEXCHANGE CONNECT
CROSS MERCHANT ID | CARD ID | LIMITED USE | PERSONAL PAYMENT TOKENS |

Payment Tokens are used for applications such as eCommerce, subscription, or payment operations like Sale, Auth/Capture, Void, and Refund. Payment tokens are automatically returned with all Magensa Payment Protection Gateway (MPPG) and Decrypt and Forward (DaF) transactions or can be requested explicitly through Magensa client-side JavaScript called TokenExchange Connect for any manually entered card data.

Platform-as-a-Service to generate, transport, and redeem stored or vault-less tokens. TokenExchange removes sensitive data from ecosystems while retaining the ability to perform necessary transactions without compromising security. This enables secure storage of payment credentials on file, subscriptions, eCommerce, in-app payments, and reward programs.

- Omnichannel Solutions
- Payment Tokens
- Transaction Tokens for eCommerce, Invoicing and Manual Entry
- Hosted Payment Pages
- Reduce or Remove PCI Scope
- Key Generation and Management
- Recommended for subscriptions, loyalty, rewards programs, and eCommerce solutions.

SUBSCRIPTION OPTIONS

Tokenization: Per Redemption

TOKEN EXCHANGE PII

DATA PROTECTION SERVICE

Secure personally identifiable information (PII) to build your customer relationship management solutions, cloak sensitive data, or secure data at rest and data in transit.

- Platform-as-a -Service to generate, transport, and redeem stored or vault-less tokens.
- Typically used In non-payment environments
- Personal identification information tokens
- Manual entry of data
- Key generation and management
- Recommended for organizations and developers wanting to privatize sensitive non-payment data.

SUBSCRIPTION OPTIONS

Tokenization: Per Redemption

WEB SERVICES.

DEVICE INTEGRATION TOOLS

MAGENSA DEVELOPER RESOURCES

AVAILABLE ON SUPPORT AT MAGTEK.COM

Magensa supplies its customers, resellers, and ISV partners with the administrative portals, developer tools, and support they need.

FASTER DEVELOPMENT

FEATURES

- L3 Certified Solutions
- Software Developer Kits
- Test Applications and Tools
- Documentation and Sample Code
- GitHub and Sandbox Tools
- Windows, iOS, Android (product dependent)

A COORDINATED PAYMENT LAYER IS MORE SECURE

The entire payment ecosystem is more secure since the only access point is the highly secure and audited Magensa solution. We take security seriously and understand the ever-changing industry and government compliance regulations, so businesses can focus on business and not worry about security. We use industry standard compliance measures and helped the regulatory boards that developed the standards in use today.

SOFTWARE DEVELOPER KITS

AVAILABLE ON SUPPORT

MagTek understands the value of easy-to-use and well documented Software Development Kits (SDKs), technical documentation, APIs, and sample code. Get unlimited access to all SDKs for mobile, counter-top, and kiosk devices that work with Windows, iOS, and Android operating systems. MagTek SDKs have no royalty or maintenance fees and are free to re-distribute with your application.

MAGNEFLEX

AVAILABLE ON SUPPORT AND THE APP STORE AND GOOGLE PLAY

MagneFlex browser and middleware drive the hardware, interfaces with the POS app, enabling faster development. MagneFlex eliminates the need for:
• applets,
• Java applets,
• and plug-ins

because everything is already built right in. This provides a free, turn-key development tool, in a white-label offering, that allows easier integration with web applications and MagTek hardware and services.

If the application front end is written in HTML 5 with mobile responsive style sheets, ISVs only need to build one POS application that will work on iOS, Windows, and Android operating systems. This greatly simplifies the development and certification effort.

WEDGET

AVAILABLE - APP STORE AND GOOGLE PLAY

App for simplified card data acquisition via a keyboard wedge interface. Wedget is compatible with iOS and Android operating systems. After Wedget is installed and configured on the mobile device, Wedget's keyboard icons are used to manually initiate read functions, or application developers auto initiate read functions by creating a text box at a logical point in their application workflow with a pre-designated "input value" that arms the reader for the desired read function
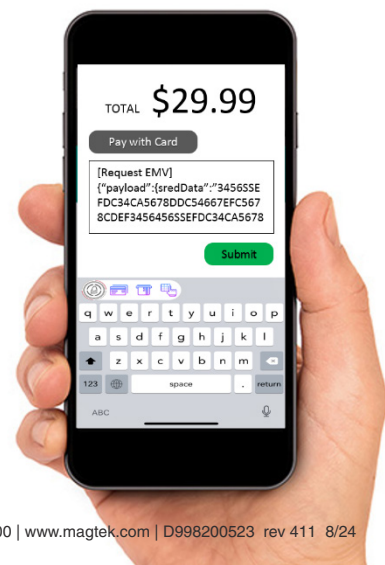
DEVICE
INTEGRATION TOOLS

PROCESSORS AND PAYMENTS

L3 MADE EASIER

Immediately begin accepting transactions with a secure, certified, EMV, payment solution supporting tap, chip, swipe, and barcodes. Magensa Gateway Services reduce development time and speed time to market. MagTek offers a wide variety of development tools to easily integrate a wide array of MagTek devices across multiple platforms and operating systems. Magensa Payment Protection Gateway Service (MPPG) works as your secure rail to send encrypted data onto processors, gateways, and acquirers and return authorization. Magensa Gateway Services include:

- Magensa Decrypt and Forward Gateway
- Magensa Payment Protection Gateway (MPPG)
- Magensa TokenExchange can be combined with Decrypt and Forward or MPPG
- Magensa TokenExchange as a Service

If you are interested in doing your own certification, go to www.emvco.com for a list of MagTek hardware L1 and L2 certifications.

TRANSACTIONS
ACCEPT CARDS

EMV Contactless, EMV Contact Chip, Magnetic Stripe, Debit, Gift, Credit, ATM, AAMVA, D-PAS, PayPass/MCL, payWave, Expresspay

ACCEPT MOBILE WALLETS AND WEARABLES

NFC Contactless, Mifare, DESFire, NTag, Apple Pay®, Apple VAS, Google Smart Tap, Google Pay™

ACCEPT OTHER DIGITAL PAYMENTS

GET READY TO ACCEPT PAYMENTS FASTER THAN YOU EVER THOUGHT POSSIBLE

Magensa Payment Protection Gateway and Decrypt and Forward Services together with the MagTek Dyna family of products enable secure payment transactions with a variety of L3 certified processors. One integration with Magensa provides tremendous flexibility to ISVs, VARs, ISOs, and system integrators in terms of product solutions and processor options. Our L3 certifications include Quick Chip technology, which improves transaction speed and reduces complexity.

Magensa is constantly adding certifications, talk to a representative to see how this list has expanded:

Devices include the Dyna family and SCRA family of readers:
- Dyna Devices (payment methods are per device): eDynamo, iDynamo 6, tDynamo (Gen I, II), mDynamo, mDynamo Outdoor Bezel, oDynamo, DynaWave, DynaDip, DynaPro Go, DynaFlex (Gen I, II), DynaFlex II Go, and DynaProx
- SCRA Devices (magstripe only): iDynamo 5 (Gen I, II), Dynamag, and DynaPAD

RETAIL INDUSTRY: MERCHANTS, RESTAURANT, AIRLINES, ETC.

NFC Contactless (except Elavon), EMV Contactless Chip, EMV Chip, and Magstripe

Elavon VIA CONEX | First Data is now fiserv. (Nashville, Omaha, North, BuyPass) | Heartland Portico | NAB epx | Orbital CHASE O | TSYS | worldpay from FIS

RESTAURANT INDUSTRY: COFFEE SHOPS, DINNERS, QUICK SERVICE, FINE DINING

NFC Contactless, EMV Contactless Chip, EMV Chip, and Magstripe

First Data is now fiserv. (Nashville, Omaha, North, BuyPass) | Heartland Portico | NAB epx | TSYS | worldpay from FIS

E-COMMERCE: WHEREVER YOU GO ONLINE

NFC Contactless, EMV Contactless Chip, EMV Chip, and Magstripe

First Data is now fiserv. (Nashville, Omaha, North, BuyPass) | Heartland Portico | NAB epx | TSYS | worldpay from FIS

FUEL AND PETROL: READY TO MOVE

NFC Contactless, EMV Contactless Chip, EMV Chip, and Magstripe

First Data is now fiserv. BuyPass

HEALTHCARE: FSA/HSA

NFC Contactless, EMV Contactless Chip, EMV Chip, and Magstripe

First Data is now fiserv. BuyPass

HOSPITALITY

NFC Contactless, EMV Contactless Chip, EMV Chip, and Magstripe

worldpay from FIS

REMOTE SERVICES
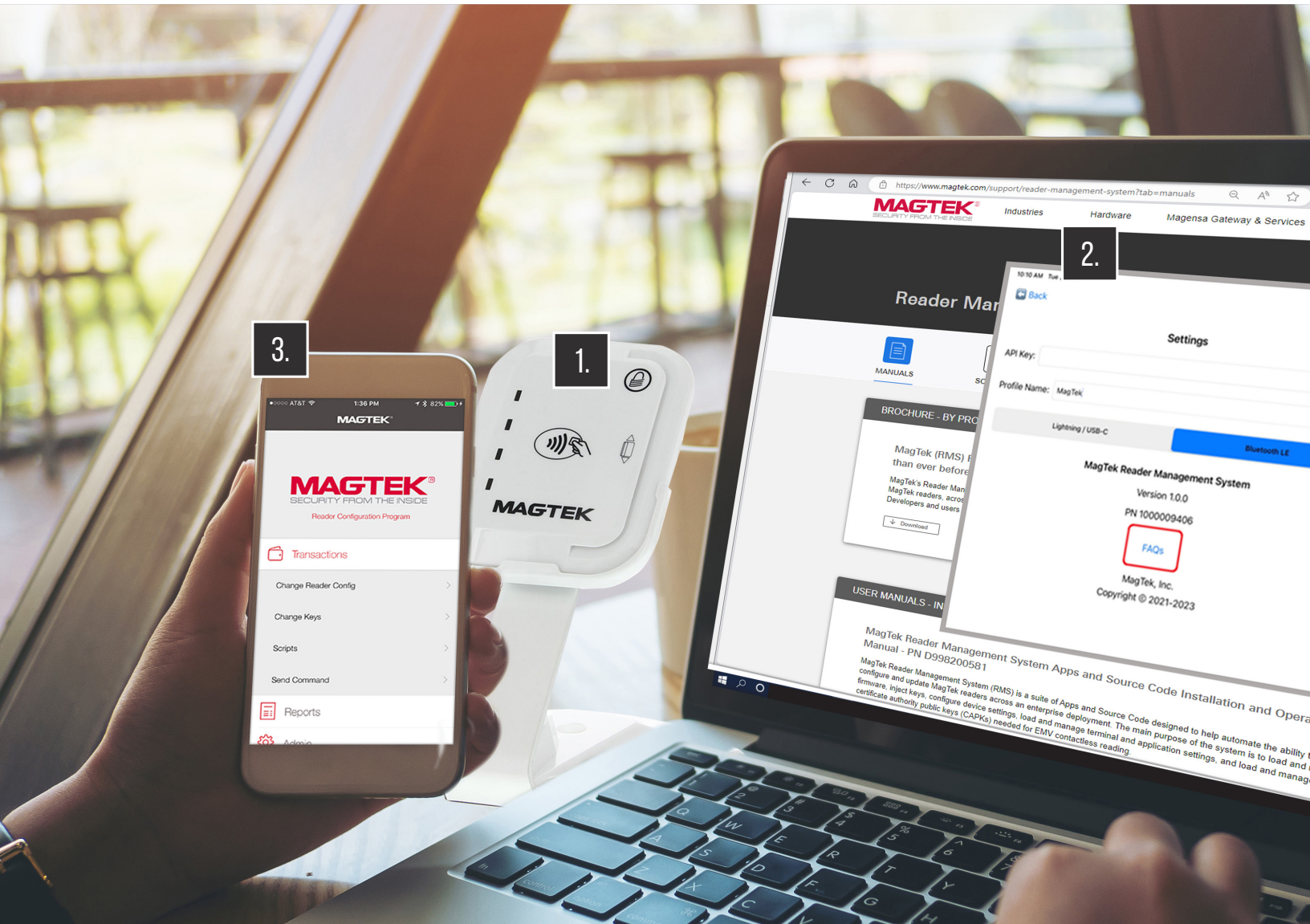
1.
SECURE HARDWARE PROTOCOLS
FACTORY DEVICE MANAGEMENT

MagTek and Magensa offer a convenient and secure method for handling, managing, and injecting keys into MagTek hardware products; and have industry-proven and ISO verified procedures for device configuration, development, and key distribution.

- Member of ISO and ANSI
- Visa ESO Global Registry
- MasterCard Terminal Quality Management
- Secure Key Injection
- TR-31 and PCI PIN Compliant
- Proven Security Procedures
- Detailed Shipping with Itemized Data
- Comprehensive Audit Trail for Each Device

EASIER UPDATES

FACTORY AND REMOTE KEY AND CONFIGURATION SERVICES

MagTek provides factory key injection and device configuration to the retail, OEM, and banking industries. Magensa enables Remote Services to our customers with remote device management, firmware updates, key injection, and device configuration in centralized or distributed locations. MagTek and Magensa are certified Encryption Service Organizations.

2. READER MANAGEMENT SYSTEM

REMOTE SERVICES AND DEVICE MANAGEMENT

The Magensa Reader Management System is a suite of apps and source code that automates the ability to configure and update MagTek readers, across an enterprise deployment, in a large quantity of geographically separated and installed readers. Developers and users can create an auto-launch or single-click within their application to:

- Load firmware for select readers
- Update firmware by device ID
- Blend readers across various generations and firmware
- Load terminal and app settings
- Load CAPKs
- Load keys
- Load device configurations

3. MAGENSA REMOTE SERVICES

REMOTE KEY INJECTION/DEVICE MANAGEMENT SERVICES

Eliminate the time and expense of handling devices that need key injection and/or configuration. Integrate secure web service to build your own remote device management system.

- TR-31 and PCI PIN compliant remote key injection
- Update firmware, certificate authority public keys (CAPKs), and EMV Terminal and application settings (tags)
- Update a variety of device configurations and mutual authentication
- Session IDs for time stamp capabilities
- Digital signatures for verification and redirection blocking
- Recommended for enterprise integrators wanting to automate the remote update or re-configuration of MagTek devices.

SERVICE OPTIONS

REMOTE DEVICE CONFIG PED: Per Device

REMOTE DEVICE CONFIG SCRA (polling or interval): Per device

REMOTE DEVICE CONFIG SCRA (security level change): Per device

REMOTE DEVICE CONFIG SCRA (config change): Per device

REMOTE DEVICE PED KEY LOADING (custom/Magensa): Per device

REMOTE DEVICE SCRA KEY LOADING (custom/Magensa): Per device

SOFTWARE
APPLICATIONS

MagTek understands the power to combine a variety of applications with dependable hardware to deliver effective solutions. MagTek's products are engineered to be easy to communicate with, adaptable for most operating systems, and most importantly, trusted to protect sensitive data. We offer a family of solutions for identity and access management, payments, and eSignature to better service you.

MAGENSA SOFTWARE AND APPLICATIONS

DOWNLOAD TODAY - APPLICATIONS READY FOR USE BY MERCHANTS, BANKS, AND OTHER ORGANIZATIONS.

QWICKPAY

MOBILE POS APPLICATION AND VIRTUAL TERMINAL.

Accept payments, offer unattended solutions, and deliver a secure eCommerce experience. QwickPAY is brought to you by MagTek, an industry leader in credit card and point-of-sale (POS) peripherals. If you are a merchant who needs to offer digital transactions fast, QwickPAY is the solution for you. QwickPAY delivers secure card reading, fraud alerts, instant data protection, transaction freedom, more versatility, better stability, enhanced security, touchless and contactless transactions, and a reduction of PCI scope.

QWICKSIGN & PAY

ESIGNATURE AND PAYMENT APP.

MagTek brings payments and agreements together in a single process where an application, contract, quote, or invoice needs to be signed, and a payment is collected. Magensa QwickSign is a complete e-signature solution for moving manual ink and paper processes including contracts, quotes, proposals, and release of liability to a secure digital environment. QwickSign enables you to fully automate your business transactions by coupling document signature and payment in one smooth transaction.

SUBSCRIPTION OPTIONS

QWICKPAY: Monthly Service Fee

QWICKPAY: Annual Service Fee

QWICKSIGN & PAY: Monthly Service Fee

QWICKSIGN & PAY: Annual Service Fee

DATA PROTECTION

QWANTUM PRIVATE MESSAGING

PRIVACY-AS-A-SERVICE FOR SECURE CORRESPONDENCE.

Qwantum Private Messaging is an application that delivers "Privacy as a Service" to its Club Members. This powerful service of MagTek, lets you use public communication channels or storage systems to send or save sensitive material simply and quickly by privatizing the material first.

- We employ a hard token that generates a derivative, unique Qwantum one-time token with every use.
- The form factor is a metal card. It identifies you as a member of the Qwantum Club, is counterfeit resistant, and tamper responsive.
- It initiates a process to create a unique AES-256 encryption key used exclusively to privatize your messages and files.

SUBSCRIPTION OPTIONS

QWANTUM PM: Annual Membership

ISV SOLUTIONS
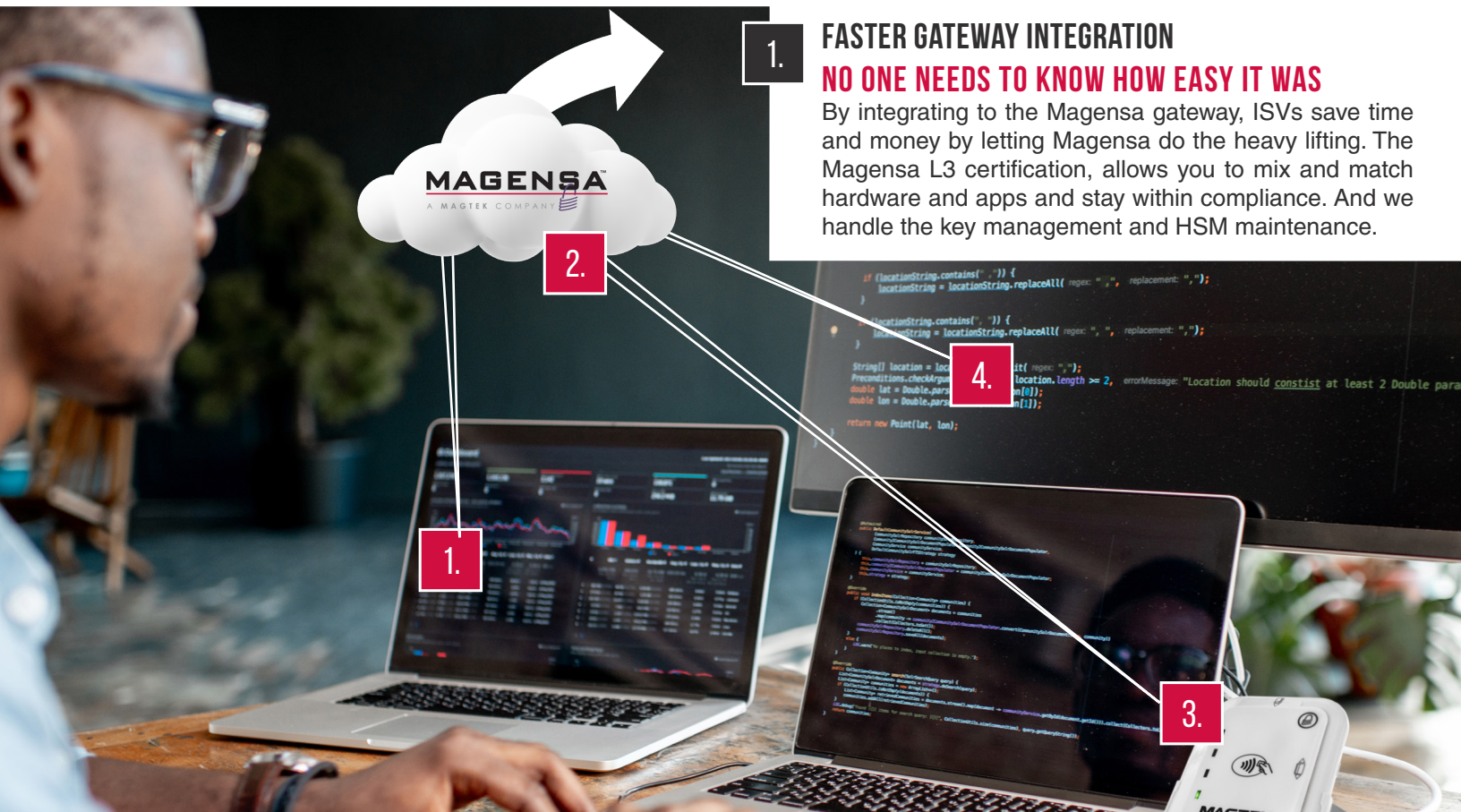
1.
FASTER GATEWAY INTEGRATION
NO ONE NEEDS TO KNOW HOW EASY IT WAS
By integrating to the Magensa gateway, ISVs save time and money by letting Magensa do the heavy lifting. The Magensa L3 certification, allows you to mix and match hardware and apps and stay within compliance. And we handle the key management and HSM maintenance.

2.
L3 CERTIFICATIONS
MAGENSA GATEWAY IS L3 CERTIFIED
There is no need to spend the money going through tedious and expensive L3 certifications when you can use Magensa's and connect to leading US processors.

3.
LEADING PROCESSORS
AGNOSTIC SOLUTIONS
Magensa is L3 certified with leading US processors and our gateway is ready to work with any processor you need. Ready for your certifications, you can be as processor agnostic as you need to be.

4.
DEVELOPMENT TOOLS THAT WORK
SDK, API, MIDDLEWARE
Magensa has the software developer kits, APIs, and middleware you need to send commands to secure card reader authenticators, handle encrypted data, secure with authentication and tokenization, and send along the gateway to all end points.

KEY BENEFITS

- Integration is Made Easier

- Code Once, then Mix and Match

- Use the Magensa L3

- Reduce or Remove PCI Scope

- Faster EMV and NFC

RETAIL AND HOSPITALITY SOLUTIONS

1. FRONT RECEPTION

PROPERTY MANAGEMENT SYSTEM INTEGRATION

Deliver the best in guest experience with contactless, mobile wallet, loyalty, rewards, and online payments.

2. RESTAURANT AND FOOD SERVICES

POOL SIDE, IN-ROOM, OR RESTAURANT

Give your guests a cohesive experience with universal payment technology wherever hunger strikes. Send data securely through Magensa.

3. SELF CHECK-IN AND CHECK-OUT

IN-APP OR UNATTENDED KIOSKS

Whether you want your guests to check-in online with keyless room entry or provide lobby self-service kiosks for faster service, we have you covered.

4. RETAIL SHOPS

BRANDED STORES OR LOBBY SELF-SERVE

No matter how small or large your lobby and property is, add digital payments to shops, unattended lobby stores, arcades, coffee shops, and more.

5. CONCIERGE AND LINE-BUSTING

PROPERTY MANAGEMENT SYSTEMS

From anywhere on your property, allow your guests an easy payment option with mobile payments available that all connect to your central management tool.

6. SPA AND CASINO

MOBILE, ONLINE BOOKING, AND COUNTERTOP

Guests expect a certain level of service in spas and casinos. Deliver mobile payments, online booking, and in-person payments for whatever they need.

KEY BENEFITS

- Enhance Customer Experience
- Simplify Payments
- Increase Payment Versatility
- Create a Unified Experience
- Reduce PCI Scope

RESTAURANT SOLUTIONS

1.

MOBILE AND LINE-BUSTING
PAY-AT-THE-TABLE AND FASTER SERVICE
MagTek hardware and Magensa services allow you to bring payments table-side or line-busting for superior service. Enable your staff to deliver the service your patrons expect.

1. **2.** **3.**

MAGENSA
A MAGTEK COMPANY

KEY BENEFITS

- Enhance Customer Experience

- QR Code or URL Links for Touchfree

- Subscriptions, Loyalty Tokens

- In-Person, Online, or In-App

- L3 Certification with Leading US Processors

2.

COUNTERTOP AND CALL-IN
IN-PERSON AND OVER THE PHONE
Accept payments securely in-person or over the phone for secure and fast customer service. Build rapport and loyalty with in-person or over the phone options. QR Codes speed transactions wherever you need.

3.

DELIVERY AND CURB-SIDE PICK-UP
MOBILE OR IN-APP
Customers pay from their phones, from their car, or in-person on a mobile device. Whether they want to use a QR Code or URL Link for touchfree options. Swipe, tap, or dip a card, all the options are at your fingertips.

HEALTHCARE SOLUTIONS

3.

1.

4.

2.

CHECK IN

1. COUNTERTOP AND RECEPTION
CALL IN AND IN-PERSON
However your health care facility operates, we have the solutions to make the experience easier for your customers and staff, so they can focus on what really matters. Securely meet HIPAA and PCI compliance.

2. SELF CHECK-IN AND CHECK-OUT
PATIENT MANAGEMENT SYSTEMS
Speed check-in and deliver information all in one self-service, unattended kiosk securely, while meeting the needs of your patients for faster registration and payment.

3. BEDSIDE REGISTRATION
CONSULTATION AND REGISTRATION
Sometimes, it is difficult to properly register someone when they first arrive. Being able to register, consult, and accept payment at the bedside improves the patient experience.

4. ROAMING ADMINISTRATION
LINE-BUSTING AND CURB SIDE
Mobile payment acceptance frees staff from waiting rooms and offices that may book up quickly. Greet patients as they arrive for a concierge experience and reduce lines and wait times to get patients the care they need faster.

KEY BENEFITS

- **Secure Patient and Payment Data**
- **Tokenize Personally Identifiable Information**
- **Send the Data to Various End Points Securely**
- **Contactless Mobile Wallets and Cards**
- **Touchfree via QR Codes, URL Links, Subscription, and Tokens**

CUSTOM OEM SOLUTIONS

1.

OFF THE SHELF OR CUSTOMIZED
WE DO CUSTOM REALLY WELL
Many solutions are solved quickly with off-the-shelf peripherals, but we don't shy away from full customization. Call us first, we will guide you through a full solution and not just offer a component.

2.

FAST PROTOTYPING AND TOOLING
ENGINEERING AND DESIGN ON-SITE
Our Seal Beach headquarters houses our engineering, manufacturing, design, sales, and production teams. This allows us to be nimble with custom designs.

3.

PARTNERSHIPS TO COMPLETE THE SOLUTION
IF WE DON'T HAVE IT, WE KNOW SOMEONE
We have been in business over 50 years, we know the best companies to complete your solution. We have the experience to get your through certifications and compliance faster, saving you money.

4.

BUILT TO ACCEPT COMMANDS
SOFTWARE DEVELOPER KITS FOR FREE
Our software developer kits and support materials are available 24/7/365 on magtek.com. Since our firmware, hardware, and software team all work from the same location, we understand how to build devices to accept the command you want for your application.

KEY BENEFITS

- Fast Prototyping
- Software Developer Kits at the Ready
- Experienced Engineers
- Hardware, Firmware, and Software all in one location
- Partnerships in the Industry

GAS STATION SOLUTIONS

1. COUNTERTOP AND C-STORE

BRING CUSTOMERS INSIDE

Bringing customers in store helps increase overall spend at convenience stores. Making the in-store experience easier with contactless and touchfree payments that build loyalty points makes customers want to visit more.

2. VENDING AND UNATTENDED

LIMITED STAFFING AND DIGITAL PAYMENTS

Unattended, self-service vending kiosks are growing exponentially due to limited staffing, reduce in-person hours, and the need to move away from cash payments. Enable your customers to get what they need faster.

3. CAR WASH SOLUTIONS

OMNI-CHANNEL PAYMENT UPGRADE

Reliable POS hardware, accept EMV tap cards and mobile wallets, in-app payments, and subscriptions ready. Magensa Gateway with L3 certification, end to end triple DES encryption, tokenization automatically generated, tamper evident, no card data exposure, and unique device identifiers

4. PETROL AND E.V. CHARGING

RELIABLE AND SECURE HARDWARE AND SERVICES

Delivering reliable payment hardware and data protection services, MagTek's OEM solutions easily integrate into products and applications. Customers' sensitive data is Encrypted immediately, protecting the customer and location.

KEY BENEFITS

- **EMV Contactless and EMV Contact Chip**
- **IP66 Rated NFC, Barcode Reader**
- **QR Code Reading**
- **RS-232 Serial, Ethernet, and USB**
- **Major USA Processors**
- **Reduce PCI**

AIRLINE SOLUTIONS

1. IN-FLIGHT PAYMENTS
SECURE AND EASY
Using durable MagneSafe card readers and tablet Surround solutions, drive revenue and deliver efficient payment wile ensuring passenger's sensitive payment data is secured.

2. CURB-SIDE CHECK-IN
SPEED CHECK-IN AND REDUCE WAIT TIMES
Customer payment data needs to be kept safe and secure at all payment touch points in the airline channel. Mobile concierge or outdoor counters, we have you covered.

3. CHECK-IN COUNTER OR CALL CENTER
IN-PERSON OR OVER THE PHONE
Give representatives the flexibility to accept both swiped transactions and manually entered transactions where sensitive card data is always encrypted.

4. SELF-SERVICE CHECK-IN
ENHANCE CUSTOMER EXPERIENCE
Self-service check-in is a growing, expected convenience and safety protocol. Minimize wait times and deliver a better trip. MagTek insertion readers are ideally suited to support kiosk service.

KEY BENEFITS

- Enhance Customer Experience
- Simplify Integration
- Sample Code and Sandbox
- Instant Encryption
- Protect Your Brand From a Data Breach
- Meet FAA and PCI Compliance requirements

BANKING SOLUTIONS

1. TELLER LINE AT THE COUNTER
DIGITAL TRANSACTIONS INCREASE HEADS-UP TIME
MagTek and Magensa give the ability to increase heads-up time to sell more products to your consumers with digital debit, credit, and MICR reading.

2. ROAMING TELLER
BUILD THE "BANK OF THE FUTURE" NOW
MagTek and Magensa mobile devices and services allow you to create the bank of the future. Accept contactless and touchfree transactions whether consumers use their own devices, or the institutions, we have the solutions.

3. ID VERIFICATION AND PIN MANAGEMENT
API READY FOR KNOW YOUR CUSTOMER
QwickPIN API allows banks to build the PIN management app of they want with a secure foundation in encryption, authentication, and tokenization. Allow for in-person, online, and in-app PIN change, verification, and selection.

4. MERCHANT SERVICES
DELIVER THE MOBILE POS THEY WANT
Your merchants need touchfree and contactless solutions and we make it easier for you to implement and deploy these solutions for in-person, online, and in-app transactions. Remote Services simplify updates and changes.

KEY BENEFITS

- Build Bank of the Future
- Know Your Customer
- Simple Scripting
- API Makes Development Faster
- Secure HSMs
- Complete Key Management

2024 CATALOG

www.magtek.com

Additional options and parts may be available. Ask a representative for complete details.