Magensa, LLC
Security, Services, and Software

Magensa LLC is a subsidiary of MAGTEK, INC. offering fraud prevention, detection, and advisory services, founded in 2006. Magensa Services leverage strong encryption, secure tokenization, dynamic card authentication, and device/host validation, enabling users to assess the trustworthiness of credentials and terminals used for digital identification, payment processing, and high-value electronic transactions. When MagTek hardware is coupled with Magensa Services, fraud is stopped in real-time and counterfeit magnetic stripe cards are revealed.

- Processes over 400K transactions per day (processor agnostic/L3 certifications)
- Performs credential authentication in 30 msec
- Services with flat monthly or annual fees
- Remove encryption keys from your environment
- Simplify integration

When using Magensa Services consumers, financial institutions, retailers, businesses and government entities can assess the validity and trustworthiness of the magnetic stripe credentials and hardware they rely upon in the course of digital transactions by tapping into the globally accessible registry of authentication information.

Security Compliance

- MagTek is: a TR-39 Visa certified key injection facility; registered to ISO 9001:2015; a VISA/PCI ESO organization; certified to MasterCard TQM; and meets PCI PTS requirements for secure manufacturing of PIN entry products.
- Magensa is: PCI Level 1 Service Provider compliant.

Transaction Security & Data Protection Service

Secure your sensitive data, increase customer confidence, exceed current PCI DSS requirements, and expand your market while maintaining a return on your investment using our data protection services. Magensa's Data Protection Services combine a layered approach to secure sensitive data. Data is protected at all times, whether at rest or in motion, from the first point of the interaction. The use of encryption and tokenization, when combined with dynamic authentication, protects cardholder data throughout the payment infrastructure.

Know that the devices you are communicating with are legitimate. Device management goes beyond merchant IDs and terminal IDs and makes it impossible for rogue and tampered devices to communicate with your network. Updating and upgrading hardware in the field can be a costly enterprise.

Security Features Built into Every Product

- Card Authentication using the Magensa Global MagnePrint® Exchange
- Magensa Device Authentication

Security Services

- Magensa Decrypt Service

Gateway Services

For Payments and other Digital Transactions

Magensa's Gateway Services are cost-effective and easy to use. Integration time is minimal and MagTek offers a wide variety of development tools to easily integrate a wide array of MagTek devices across multiple platforms and operating systems.

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

Software and Applications

MagTek understands that without an application the best hardware in the world won't work. MagTek engineers our products so they are easier to communicate with, better at understanding commands, and work with apps for fast deployment and we offer a line of applications:

- Identity and Access Management (including Multi-factor Authentication)
- Payment Applications (with and without eSignatures)
- Instant on-location Card Issuance Applications
- eSignature Applications (with and without payment)

Developer Tools & Device Management
Remote Services

Magensa Remote Device Management and Magensa Remote Key Injection make it much easier. Remote services are a convenient and secure solution that let users remotely configure device options and inject encryption keys into secure card reader authenticators and PIN entry devices anytime, anywhere without the need to return the devices to a central depot. This lowers handling and shipping costs while increasing security and overall convenience.

- Magensa Remote Device Management
- Magensa Remote Key Injection

MagneFlex Prism and Wedget App

MagneFlex Prism is an application development framework made of a suite of interface developer tools that reduce the points of development. Instead of using SDKs, APIs, and applets to build an interface to the hardware device, another to interface to the POS application, and another to the gateway, you can build the interface to just MagneFlex. Wedget app allows you to accept data like keyboard data.