

MAGENSA™

A MAGTEK COMPANY

Service



Magensa Payment Protection Gateway Service

Makes compliance easier, safer and faster with a flexible and safe way to conduct payment transactions



Secure Rail

Magensa Payment Protection Gateway Service (MPPG) works as your secure rail to send encrypted data onto processors, gateways, and acquirers and to return the authorization. The POS app sends encrypted data to Magensa to perform authorization, sale, void, refund, capture, and magnetic stripe card and device authentication. Magensa decrypts the data and bundles it with Magensa's APIs and sends out for processing. Magensa returns the authorization and magstripe card and device authentication. This delivers a simplified platform for decryption and gateway services for VARs and ISOs.



Secure Portal

Magensa's MPPG Portal allows VARs and ISOs to board their customers. The portal and magensa services allow for pattern matching and deliver the tools needed to determine where transactions need to go. This creates the necessary data blocks to parse, pack and send data.



Payment Processing

MPPG delivers a gateway solution to resellers so they can offer the acceptance of credit cards to their customers. Magensa decrypts, and formats the data the way the processor requires, for simplified communication and authorization.



Security is our Top Priority

Magensa works with MagTek's Secure Card Reader Authenticators (SCRAs) and PIN PEDs. These devices have the MagneSafe® Security Architecture built in, ready and waiting. MagneSafe delivers a layered approach to transaction security and combines encryption, tokenization, authentication and dynamic data to protect card data at the moment the card is swiped. MagneSafe supports both single use and multiple use tokens that work with any payment processor; end-to-end encryption; and industry-standard key management, allowing for greater flexibility.

MagneSafe works in MagTek peripherals and other POS terminals including Verifone, Hypercom, and Ingenico. Using MagTek MagneSafe readers enable greater security, protect cardholder data, do not store data in the clear, provide authentication features, and performs encryption at the time of interaction.

Magensa utilizes open standard and industry proven Triple DES encryption and DUKPT (derived unique key per transaction) key management to provide a comprehensive security solution that protects cardholder data. Its open platform does not require you to invest in costly, untested, proprietary solutions that can limit your long-term flexibility and options.



Recommended For

MPPG is recommended for ISOs, VARS, resellers and integrators who are servicing merchants and need to supply a payment processing solution that can work with encrypted and decrypted data in a secure setting. Resellers and integrators board their merchants into the MPPG portal to establish their customers and to begin using the service.



Benefits of MPPG

The use of MagTek SCRA's and the Magensa Payment Protection Gateway help secure your payment environment. Benefits of MPPG include:

- Card reading is accomplished by the use of MagneSafe-enabled secure card reader authenticators or PIN PEDs.
- All transactions are securely routed through the Magensa Payment Protection Gateway.
- Neither the merchant nor the application provider possess or have access to the decryption keys used by the SCRA's to encrypt the cardholder data.

Magensa simplifies PCI compliance, reduces your PCI scope and decreases costs. MPPG delivers end to end encryption, and still allows for the secure entry of data in PIN PEDs for manually, key-entered transactions.



Web Services

Magensa Payment Protection Gateway Services are web based services and are billed on a subscription basis. Magensa Global MagnePrint® Exchange, card authentication, and Magensa Device Authentication is included with this service at no additional charge.

1. Card Reader/POS app

Sends encrypted data



Card Reader
eDynamo



POS application
Countertop or
Mobile Device

2. POS app/Magensa

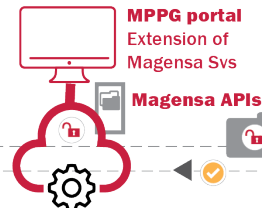
POS app sends encrypted data to Magensa to perform Authorization, Sale,Void, Refund, Capture and card & device authentication

5. Magensa/POS app

Magensa returns response for Authorization, Sale,Void, Refund, Capture and card & device authentication

3. Portal /Magensa

Magensa decrypts, bundles with Magensa APIs and sends out for processing.



Pattern Matching
Parse, pack, send
HTTP or raw TCP & API data
Sale,Void, Refund, Capture

Magensa Web Service
Magensa Payment
Protection Gateway

4. Processor

Processor sends response back to Magensa



Processor