



MAGTEK[®]
SECURITY FROM THE INSIDE

Partner



MagTek | CryptoPay Partner Solutions | Car Wash

MagTek works with CryptoPay to deliver cost-effective, secure, and simple payment solutions

CryptoPay Credit Card System is a proven, successful car wash and laundromat payment and management system. Because securing and processing these payments in an unattended environment is key to its success, CryptoPay enlisted MagTek's hardware and Magensa Services to ensure the secure handling of customer card data. MPPG is leveraged to encrypt and tokenize card data at the point of swipe and forwards the data directly to the processor, removing the need for CryptoPay to possess any unencrypted card data.



Unified Solution

CryptoPay and the MagTek partnership deliver a unified solution that is cost effective, secure, and simple. CryptoPay is an expert in the car wash and laundromat payment industry and understands that payment solutions need to be able to be integrated into existing structures and systems, need to be secure, and need to provide a cost effective credit card solution that limits service fees. In order to bring these key elements together, CryptoPay developed easy-to-use wireless solutions, cloud-based applications, and worked with MagTek to integrate the secure IntelliHead to secure data at rest and use MagTek's Magensa Payment Protection Gateway to secure payment data in transit.



Simple

CryptoPay 3 Main Components

CryptoPay's solution uses 3 simple components, works with industry proven partners, and provides faster onboarding.

The 3 simple components include:

1. **CryptoPay Coordinator** which brings services together. This creates consolidated tickets, so the car wash, vacuum, and other services, can all be combined into one ticket and therefore one set of processor fees.
2. **CryptoPay Wireless Swiper** with an integrated MagTek secure read head.
3. **MyCryptoPay** managing cloud-based site management tool.



Secure

MagTek Secure IntelliHead

MagTek is known in the industry for durability, reliability, and flexibility. In the car wash and laundromat industries you need a tested solution that you know can stand up to the everyday environmental and consumer use. By integrating the MagTek MagneSafe® IntelliHead into the custom swiper with remote transponder, CryptoPay knew they would have a reader that would hold up with proven components.

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 solutions and uses the MagneSafe Security Architecture. MagneSafe encryption scrambles the data at the point of swipe, providing instant protection. By using strong industry standard encryption algorithms along with sound key management, MagneSafe protects cardholder data from prying eyes and eavesdroppers.

Magensa Payment Protection Services

CryptoPay wanted to ensure data would be protected in transit as well as at rest and selected to use MagTek's Magensa Payment Protection Gateway Service (MPPG). MPPG works as the secure rail to send encrypted data onto processors, gateways, and acquirers and to return the authorization. CryptoPay software 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 authentication guards against rogue devices and tampering.

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

- Card reading is accomplished by the use of MagneSafe-enabled secure card reader authenticator
- 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.



Cost-Effective

CryptoPay's solution is cost-effective. By working with MagTek it guards against fraud, saving losses from fraud. It also uses smart business practices and delivers lower transaction and processing fees with combined tickets. CryptoPay is more reliable, has less downtime and uses economical hardware solutions.

Summary

The CryptoPay and MagTek partnership deliver secure unattended payment solutions that take your business where you need to go, enabling businesses to grow, securing payment environments, and enhancing the customer experience. CryptoPay Credit Card System is a proven and successful car wash and laundromat payment and management system. MagTek delivers reliable and durable hardware and secure Magensa data protection services.