MagTek delivers custom and secure OEM kiosk solutions

Whether you refer to them as kiosks, vending machines, self-service terminals, or just unattended payment terminals, MagTek OEM representatives work with you to create the custom solution you need. The MagTek line of hardware, modules, and components coupled with secure Magensa Services create a MagTek Solution unmatched in the industry for security, reliability, and flexibility. Unattended Terminals open an opportunity to increase your market, expand your business, deliver faster service, and improve customer interaction.

Security is Most Important

In an unattended setting the card reader is the only vetting tool to determine the authenticity of the card and cardholder. EMV chip cards help, encryption secures, but secure card reader authenticators are the only technology that verify in real-time. MagTek hardware coupled with Magensa Card Authentication services can determine the authenticity of cards in real-time and limit card fraud and financial loss. MagTek hardware is backed by the MagneSafe Security Architecture which is comprised of encryption, authentication, tokenization, and dynamic data. Securing customer data at the point of transaction is a paramount responsibility. With no "eyes on the device," device authentication plays a prominent role in securing the payment transaction. Additionally, the sensitive card data can be encrypted and/or tokenized and parsed and processed, protecting customer data while minimizing PCI scope.

Services, Support, and Development

Magensa, LLC is a subsidiary of MagTek and serves enterprises globally, to provide 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.

Meeting Standards and Expectations

Payment methods are advancing as innovations in payments evolve. Concurrently, industry requirements and standards are becoming more complex. These two trends propel the need to advance security and upgrade. Though the process of upgrading can be a challenge, MagTek OEM devices are compatible with most legacy systems, while also being able to support the latest in card acceptance and industry compliance. The ability to easily integrate MagTek's hardware into the array of kiosk solutions also provides convenience and efficiency for the developer. MagTek supplies easy access to SDKs and APIs, and has in-house MagTek developers available to provide support.

Increase your Market

The proliferation of unattended payment kiosks promotes the development and deployment of new and innovative kiosk payment options. Payment terminals are flourishing, migrating into new aspects of everyday life – from fast paced food ordering, outdoor petrol solutions, bicycle rentals, electric car charging stations, etc. In addition to the changes to current terminals, payment solutions need to be even more customized. MagTek hardware and Magensa services are created to fulfill that need. Kiosks and standalone unattended vending machines can deliver 24-hour sales. Grow your business by tapping into this kiosk, self-serve, and automated check-out markets. Our OEM devices and components can be integrated into a variety of designs.

Accept a Variety of Payment Methods

To remain market relevant, businesses must be prepared to accept customer payment in a variety of form factors. Not only is it imperative to accept the growing methods of payment including NFC, EMV, contactless payment offerings including Apple Pay, Android Pay, PayPass – the hardware must be easy to integrate. MagTek OEM devices provide that easy integration, positioning businesses to succeed.

MagneFlex Application Development Framework

MagneFlex drives the hardware, interfaces with the POS app, and can issue the commands to pack, parse and send the data out for processing. Whether you are on a network client system or using a web-based app, there is a MagneFlex tool for you. This simplifies development and certification and allows you to determine the best ecosystem for each individual environment.

Reach into New Markets

Airline check-in terminals, self-serve stations, and automated check-outs are just a few examples of the burgeoning unattended kiosk market. By simplifying the development process with MagneFlex, and incorporating ready-to-use devices or components, you are positioned to readily expand into these new markets.

Patient Friendly Healthcare

Healthcare is experiencing a proliferation of payment offerings. The growing number of unattended kiosks in this space demands unique OEM solutions. From hospital check in standalone terminals to self-checkout after services, medical facilities are using more unattended solutions to simplify and ease patient hassles and wait times. Magensa's Encryption Service encrypts sensitive patient data, as well as payment data. Utilizing this robust processing service, data can be leveraged to create and manage patient profiles, secured behind the lock of encryption, while parsing out payment data and securely sending it out for payment.

Securing Consumer Banking

Automated teller machines are classic examples of unattended terminals and require high security. In 2009, Bank of Chile registered the magnetic fingerprints of more than half a million cardholders. By the following year, the fraud rate in its ATMs equipped with MagnePrint had dropped to zero. MagTek's secure card reading technology can identify in real-time whether the physical card itself is genuine or a cloned copy, eliminating fraudulent withdrawals, and the incentive to skim in the first place.

Outdoor POS and Petrol

Fueling station owners can take complete control over their forecourt security with at-the-pump data encryption and a Tamper Resistant Security Module (TRSM).

POS, in all Walks of Life

From kiosks in fast food/quick food chains, to free standing cupcake dispensaries throughout shopping malls, being able to accept payments at unattended terminals is only growing; and the need to secure these terminals is paramount. MagTek partners with you to integrate credit card payments and convert point-of-sale apps into complete payment applications for small, medium, and large businesses alike.

Access and ID Verification

MagneSafe validates the relevance and integrity of the cardholder data gathered by a swipe, dip or insertion of a card. To know that the data is fresh, the reader itself supports mutual authentication session management and data integrity verification. This secures both the logical and physical access users may need.

ATMs   Outdoor POS   Point-of-Sale   Kiosk   Access Control

Summary

MagTek OEM Solutions team works with you to create the best custom solution. MagTek uses a consultative approach when working with original equipment manufacturer developers and designers. MagTek understands that the products and solutions created are only done through good working relationships coupled with premier hardware, accessible application programming interfaces and software developer kits that make sense. Using a consultative approach, MagTek's OEM team will work with you to develop a solution that best fits your needs.