MAGENSA™
A MAGTEK COMPANY

QwickPIN Web API

PIN VERIFICATION, SELECTION, AND CHANGE

Empower Mobile Banking

Enhance your digital banking apps and VRUs by incorporating QwickPIN API to support cardholder identity using the PIN as a component of a multi-factor authentication solution, to offer PIN selection while activating a new card, and to offer PIN change for existing cards. QwickPIN API works in branch, on-line, on mobile, and through a VRU that can be implemented in stages empowering your digital banking applications.

ISO FORMATS

- iSO_0, ISO_1, ISO_2, ISO_3

HTTPS METHODS

- GET
- POST
- PUT
- DELETE

Compatible MagTek hardware

- DynaPro Go
- tDynamo (Gen II)
- iDynamo 6
- DynaFlex II PED

DynaPro Go

Secure In-Branch Transactions

Transform in-branch transactions with the power of QwickPIN API. Whether cardholders are withdrawing funds, transferring money, or updating information, our PCI PTS certified PIN encrypting devices and secure card reader authenticators combined with the QwickPIN API secures account and PIN data.

iDynamo 6

MagTek Hardware Ready

Magensa services are built to work with MagTek hardware. DynaPro Go PIN PED, iDynamo 6, tDynamo (Gen II), and DynaFlex II PED are compatible.

Voice Response Units

Usernames and passwords are not enough. Security questions are difficult to answer and often forgotten. This costs money to have a live agent join a call. Less friction means happier, more loyal consumers. Enhance your over the phone transactions through Voice Response Units (VRUs) by integrating the QwickPIN API. Provide callers with the assurance that their account is protected by accepting a PIN over the phone as part of a strong multi-factor authentication solution used to identify the caller, to select, or even change a PIN. With QwickPIN, every VRU transaction remains secure, creating a seamless experience for your users.

To get started contact:
bankingsolutions@magtek.com

MagTek® Inc. | 1710 Apollo Court, Seal Beach, CA 90740
www.magtek.com | 562.546.6400

Generate and Verify

QwickPIN API enables effortless generation and verification of PIN offsets without exposing cardholder sensitive data. Whether you're dealing with PAN Tokens, PIN Block Tokens, MagTek ARQCs, MagTek Track 2 encrypted card data, or DUKPT PAN data, the QwickPIN API enables you to seamlessly handle PIN data in select ISO formats. Your transactions are resistant to threats while maintaining the utmost convenience.

PIN Offset Generation: Simple, "Qwick," & Secure

Developers can use standardized HTTPS methods to generate PIN offsets securely. By sending PANData, PANDataType, PINData, and PINDataType in a structured JSON format, developers seamlessly create PIN Offsets.

PIN Offset Verification: Confidence in Every Transaction

Authenticate transactions by providing PANData, PANDataType, PINData, and PINDataType, along with an optional reference PIN offset for verification. This process ensures the utmost accuracy and security in every transaction, reinforcing your trust in the PIN data exchanged.

A Unified Approach to PIN Security

The API enables developers to interact with state-of-the-art PIN encrypting devices and tokenization services. QwickPIN API caters to financial institutions' needs, allowing you to integrate advanced security measures without complexity and where you need them most.

Industry Best Practice

QwickPIN Web API follows web development best practice using the principles of Representational State Transfer (REST) architecture. This emphasizes using standardized HTTPS methods secured by IP white-listing and digital certificates provided by Magensa. These methods secure interaction with resources and URLs to uniquely identify those resources. The request and response and the use of status codes align with RESTful design practices.

Expert Key Management

Magensa manages and secures encryption keys and performs PIN offset verification or calculations on behalf of the financial institution. Core processors and financial institutions can create an interface to the QwickPIN API. The data is provided by Magensa Tokens or from reading a card when a MagTek device is available in the branch. Once the transaction data is available, the core processor or financial institution sends the encrypted card data, the PIN block and if needed, the existing PIN offset to Magensa. QwickPIN performs the PIN calculation or PIN Offset verification and sends the response back to the client along with any necessary transaction results.

The Magensa Gateway

Magensa, LLC is PCI certified to deliver data protection and transaction security, gateway services, PIN management services, remote device services, and other applications. Based on the MagneSafe® Security Architecture, Magensa delivers multi-layered security, including systems involving encryption, tokenization, and authentication. These security layers enable Magensa Web Services and APIs to securely authenticate cardholders using powerful multi-factor authentication, so they can tokenize PAN and PIN data, and calculate and update host-based PIN offsets. Magensa has a suite of interface developer tools that simplify integration. These tools drive card reading and PIN entry devices, interface with the financial institution's application, and issue the commands for processing the desired transaction. Magensa, a MagTek subsidiary, is PCI Level-1 compliant.

MAGTEK®
SECURITY FROM THE INSIDE

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. Leading with innovation and engineering excellence, MagTek is known for quality and dependability. Our hardware products include secure card reader/authenticators, Qwantum secure cards, token generators; EMV Contact Chip, EMV Contactless, barcode and NFC reading devices; encrypting check scanners, PIN pads, and credential personalization systems. These products all connect to Magensa, a MagTek owned gateway that offers businesses the ability to securely process transactions using authentication, encryption, tokenization, and non-static data. MagTek is headquartered in Seal Bach, CA, please visit www.magtek.com to learn more.