

VirtuCrypt Elements



MOBILE WALLET PROVISIONING



ABOUT VIRTUCRYPT ELEMENTS MOBILE WALLET PROVISIONING

VirtuCrypt Elements Mobile Wallet Provisioning provides a robust solution for financial institutions to provision mobile wallets with pay service providers such as Apple Pay, Google Pay, or Samsung Pay.

Financial institutions can manage the entire mobile wallet issuer key and certificate lifecycle: generate public and private keys, export certificate signing requests, and store issuer keys and signed certificates, all within with VirtuCrypt environment.

KEY FEATURES



UTILIZE PKI INFRASTRUCTURE
Sign wallet tokens using issuer keys



STREAMLINE ISSUER PROVISIONING
Manage entire issuer key and certificate lifecycle



REGULATORY COMPLIANCE
TR-39 and PCI PIN certified

KEY BENEFITS



LOW COSTS
As-needed, transaction-based costs that accommodate scale



SIMPLE API
Integrates with complimentary services offered by VirtuCrypt



ACCESS TO CRYPTO EXPERTS
24x7x365 assistance

VirtuCrypt Elements Mobile Wallet Provisioning utilizes a Public Key Infrastructure (PKI) to create a circle of trust, validating data through mutual authentication and enabling additional cryptographic functionality. VirtuCrypt incorporates FIPS 140-2 Level 3-validated Secure Cryptographic Devices (SCDs) into the mobile wallet issuer key generation and loading process, providing dependable security. This service stores all required tracking and identifying information, allowing easy traceability for auditing requirements, and is compliant with all required regulatory requirements.

Mobile Wallet Provisioning can be fully managed through the VirtuCrypt Intelligence Portal (VIP) Dashboard. In this manner, mobile wallet issuer keys and certificates can be easily managed, tracked, and logged.

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THE VIRTUCRYPT INTELLIGENCE PORTAL (VIP)

The VIP Dashboard provides an intuitive way to securely control and monitor your entire cryptographic environment from one location. Users can configure their VIP Dashboard to include only the information that is most useful to them and define custom alerts through VirtuCrypt's active environment monitoring utility.

Organizations also have the opportunity to rebrand the VirtuCrypt Dashboard so that it can be offered to customers with the cohesive look and feel they've worked hard to build. This includes adjusting color schemes, logos, and imagery to match the company's brand and create instant product recognition for customer base.

VIRTUCRYPT DATA CENTER SPECIFICATIONS

The multiple geographically separate data centers selected by VirtuCrypt showcase its high regard for uncompromising security. Not only are these data centers outfitted with state-of-the-art technology, but they enforce physical and logical security measures, such as biometric access controls and dual authentication, that ensure the integrity of your most sensitive data.



The image displays the VirtuCrypt VIP dashboard on two devices. The laptop screen shows the login interface with the VirtuCrypt VIP logo, input fields for E-MAIL ADDRESS and PASSWORD, and a SUBMIT button. The tablet screen shows a detailed dashboard with the following components:

- Left Sidebar:**
 - My Development Account: JONATHAN MILLER
 - AUDIT LOGS
 - SERVICES
- Top Chart:** CONNECTIONS PAST 7 DAYS # ACCEPTED CONNECTIONS. A line graph showing an upward trend from approximately 100 to 350 connections over the week.
- Configuration Tables:**
 - DEVELOPMENT RHL # RHL:**

Deployment:	Test
Top Level DNS:	US01CA01TestVirtucrypt.com
Primary DNS:	USAw02CA01TestVirtucrypt.com
Backup DNS:	USW02CA01TestVirtucrypt.com
SUBMIT FILE:	LOGIN
 - VIRTUCRYPT RHL # RHL:**

Deployment:	Test
Top Level DNS:	US01PPED1TestVirtucrypt.com
Primary DNS:	USAw02PPED1TestVirtucrypt.com
Backup DNS:	USDW02PPED1TestVirtucrypt.com
SUBMIT FILE:	LOGIN
 - VIRTUCRYPT TEST RHL # RHL:**

Deployment:	Test
Top Level DNS:	US01PPED1TestVirtucrypt.com
Primary DNS:	USAw02PPED1TestVirtucrypt.com
Backup DNS:	USDW02PPED1TestVirtucrypt.com
SUBMIT FILE:	LOGIN
- Bottom Right Chart:** IPS CONNECTION PAST 7 DAYS # CLIENT IP ADDRESSES. A pie chart showing 62.5% (blue), 15% (green), 12% (red), and 10% (grey).
- Bottom Left Chart:** IPS CONNECTION PAST 7 DAYS # ACCEPTED CONNECTIONS. A pie chart showing a very small slice.