



## PCI PIN Compliant Key Injection

*Reduce time-to-market and save the vast expenses of establishing infrastructure and procedures for compliant key injections with Cryptera's flexible solution*

**LEAVE THE HARDENED SECURITY TO US!**



### OVERVIEW

PCI PIN Compliant DUKPT key injection is a real challenge. You need to invest in establishing a secure room, have the necessary organization and documentation including expert knowledge, and have regular PCI Audits. With CryptoKeys from Cryptera, you can leave the hardened security to us and reduce time-to-market with Cryptera's key loading services.

PCI CryptoKeys is a secure provisioning system that enables secure, authenticated and authorized injection of DUKPT keys and other sensitive data into your devices. It enables you to perform DUKPT key injection at locations of your choice using a secure provisioning client from Cryptera.

### HIGHLIGHTS

#### Superior Security

- PCI PIN compliant DUKPT key injection
- Integrated optional issuance of PKI certificates from private or public CA
- Secure injection of additional optional sensitive data
- Reduces capital expenditures
- Reduced time to market
- Easy and flexible deployment
- Easy to use provisioning client with authentication and role based access control

#### PCI Compliance

- PCI PIN approved Secure Room facility
- PCI HSM approved HSM and backup of keys
- Dual controlled operation
- Two-factor authentication using tokens and biometry
- Data and keys distributed in encrypted form
- Centralized secure logging
- Administration of roles

#### Visa Approval

- Cryptera is a Visa approved Service Provider (ESO, TPS-PIN, ISO-ATM)

Processor  
(Gateway/PSP/Acquirer)

Secure Room at Cryptera

Manufacturing Site



Exchange of  
DUKPT BDK



Hardware  
Security  
Module



PCI  
CryptoKeys  
Server



PCI  
CryptoKeys  
Client



POS  
Device



## PCI CRYPTOKEYS SECURE PROVISIONING CLIENT

The secure provisioning client offers a complete PCI PIN compliant key loading setup which handles the distribution and programming of DUKPT keys and device configuration data. Additionally, as an integrated part of the key injection, your device can be provisioned with a PKI certificate from a private or public certificate authority.

The solution comes with an intuitive interface allowing for any operators to handle the key injection process. All sensitive data is kept secret with encryption and only injected when two approved operators are logged in with two-factor authentication.

## PCI CRYPTOKEYS SECURE ROOM

PCI CryptoKeys works by connecting to Cryptera's PCI compliant secure room, which has approved HSMs and servers, at Cryptera's premises. Key management by Cryptera is centralized at Cryptera to ensure secure storage, backup and exchange of keys.

### About Cryptera

For more than 30 years, Cryptera has supported customers across virtually every sector and continent with over two million world class security solutions installed worldwide. We are experts in the fields of encryption, certification and secure provisioning. We offer a full span of solutions comprising of hardware, software and services to protect sensitive information using cryptographic methods and secure processes.

With in-house manufacturing, R&D and support functions, Cryptera has a vast experience to ensure that solutions are PCI Compliant. Our team of engineers and experts can help you to create robust device security with the highest security measures, to safeguard your business and manufacturing processes.



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