

# THE SOLUTION TO SMARTER, SAFER KEY INJECTION

VeriShield Remote Key is a convenient, sophisticated and secure solution that lets you remotely inject encryption keys into your PIN pad devices anytime, anywhere with no business disruption – avoiding time-consuming, error-prone direct key replacement.

# VERISHIELD REMOTE KEY

Security keys used in PIN pads may need to be replaced for a variety of reasons such as to thwart a suspected security breach, respond to changing compliance standards or simply as part of scheduled maintenance. VeriShield Remote Key (VSRK) streamlines this critical, yet process-intensive task. With VSRK, you can remotely and securely manage key injection, saving time and money. The devices never have to leave their locations, decreasing downtime and the risk of fraud. And VSRK's superior flexibility lets you encrypt and deploy keys on your schedule.

## Reduce Costs

- Eliminate labor-intensive and error-prone manual key injection as well as the expense of shipping devices to a key-injection site
- Avoid the cost and effort required to process devices through a secure location
- Minimize business disruptions due to key-injection process

## Strengthen Security and Prevent Fraud

- Reduce key errors by using standard terminal serial number validation process
- Achieve a higher level of security with advanced asymmetric encryption
- Meet all industry security standards, including PCI 2.0, PCI DSS and the latest Accredited Standards Committee (ASC) TR-39 audit guidelines

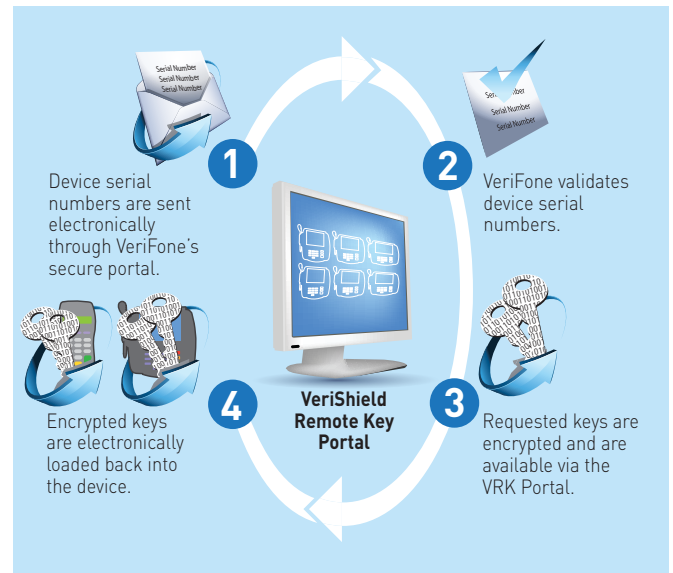
## Enhance Flexibility

- Inject new security keys or bank/processor keys anytime, from anywhere and for any reason
- Update keys online or offline on your schedule

## Why VeriShield Remote Key (VSRK) Solution

- Developed based on industry standards such as ASC X9 TR-34
- Unique RSA key pair loaded in each device at manufacturing
- VeriFone's end-to-end, hosted service reduces initial investment and ongoing costs, and improves security

## VERISHIELD REMOTE KEY (VSRK) PORTAL



## Supported VeriFone Devices:

VX Evolution • V<sup>x</sup> Solutions • MX Series

### System

VeriFone and FutureX Co-Developed Solution  
VeriFone secure VSRK Portal

### Deployment Communication Options

Dial  
Serial  
Ethernet  
USB  
Wireless  
Offline

### Key Types

Master session keys,  
DUKPT  
VeriShield Security Scripts, VeriShield Protect Data  
Encryption Keys

### Supported VeriFone Devices

MX Series  
V<sup>x</sup> Series  
VX Evolution

### Approvals/Standards

ANS x509  
ANS x9.73  
ANS x9.24 Part 1  
ANS x9.24 Part 2  
FIPS 140-2 Level 3  
ASC X9/TG-3 Guidelines  
PCI DSS  
PCI PED  
ASC X9 TR-31  
ASC X9 TR-34  
PCI PIN Security Requirements, Normative Annex A

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