

ADD VALUE WITH UNRIVALED PAYMENT SECURITY

VERISHIELD PROTECT

Help merchants get closer to PCI DSS compliance with VeriFone's VeriShield Protect – a breakthrough end-to-end payment card security solution that ensures no cardholder data can be compromised, even in the event of a breach.

Cardholder Information Is Never In An Unprotected State

- Encrypts credit and debit account information from the moment card data is read and through to the decryption appliance
- Can be implemented without requiring changes to the merchants' existing POS and enterprise applications
- Compatible with all card types, including credit, PIN debit, signature debit, loyalty, prepaid and gift cards

Assists With PCI DSS Compliance

- Provides added security by bringing the merchant closer to meeting Visa and Mastercard PCI DSS compliance mandates by 2010
- Compliant with Visa's best practices for data field encryption, also known as end-to-end encryption

Innovative Technology To Eliminate The Potential For Compromise

- Employs a breakthrough technology called VeriShield Hidden Encryption (VHE), a format-preserving encryption that encrypts the primary account number and discretionary data in a manner that other applications interpret as valid card data
- Once the transaction is safely within the processing host's secure facility, the information is decrypted for authorization and batch settlement
- VeriFone can house the decryption appliance using a managed service on our gateway, allowing you to offer the added benefits of transaction consolidation, reporting and monitoring
- Encryption is performed within VeriFone's existing PCI PED and EMV approved payment devices
- Available on MX 800 Series and V^x Solutions platforms, on our PAYware Transact server software and as a managed service on VeriFone's gateway solutions

Help Ensure The Security Of Your Merchants' Transactions

- Encrypts and protects both dial and IP-based transactions, so all of your merchants are covered
- Provides an added revenue stream with the managed gateway service

Additional Security Assurance

- Provides universal protection for your entire merchant install base
- With VeriShield Protect's back-end service, VeriShield Secure Device Management Service (VSDMS), you can audit and monitor your merchant sites to ensure security is continuously enabled and to remotely manage keys
- Real-time status and alert system to ensure security
- From VeriFone, the trusted leader in security



Cardholder data is never exposed with VeriShield Protect. VHE protects the raw cardholder data so that is never at risk and is safely transmitted to the DA. The DA can be managed in your data center, offsite or at the retailer.

System Components

VeriFone Payment Systems: MX Solutions, V^x Solutions, Secure PumpPAY, and VeriFone's managed gateway solutions

VeriShield Hidden Encryption (VHE)

Secure network decryption appliance (DA)

VeriShield Secure Device Management Service (VSDMS)

www.verifone.com/verishield-protect

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THE WAY TO PAY™