Point-to-Point
Transaction Protection

CARDSHIELD®

- **Protects sensitive data from swipe through settlement**

- **Isolates application software and systems from card data and PA-DSS requirements**

- **Provides data tokens for performing refunds, returns, and recurring billing**

- **Keeps your applications independent with support for all major transaction processors**

CardShield® is a suite of data protection tools that facilitate "point-to-point" encryption and secure processing of credit card, debit card, and stored-value card transactions.

CardShield Server
Provides integrated and easy-to-use encryption key management and tokenization features for one to thousands of merchants, locations, and card acceptance devices.

CardShield Client
A complete, PA-DSS validated interface for software developers that isolates application programs (such as point-of-sale software) from card data. The CardShield Client intercepts sensitive data from swipe readers, PIN pads, and other devices and replaces it with encrypted data or tokens.

MainStreet softworks®

Toll Free: 800-650-9787

www.monetra.com

CardShield

Point-to-Point Transaction Protection

CardShield® provides a turn-key solution for removing sensitive card data from legacy systems, without software modifications, by replacing card numbers with unique data "tokens."

Application software handles transactions in the usual way, but using tokens in place of real card data.

When transactions are sent to the CardShield server, tokens are replaced with the original card data before forwarding to the transaction processor.

CardShield is software that runs on your own in-house systems, giving you complete control of your entire transaction processing environment while avoiding the costs, risks, and problems of third-party services.
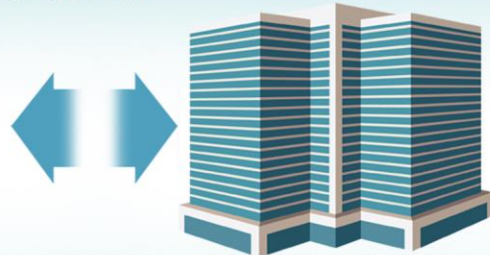
Security-validated for PCI PA-DSS compliance, CardShield is available for most operating platforms including Linux®, Unix®, and Microsoft Windows®.

Standard or Encrypting Card-Reader
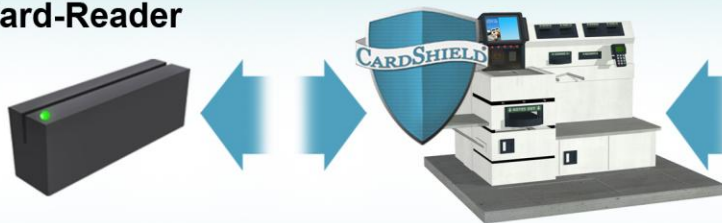
Point of Sale With CardShield Client

Monetra + CardShield Server

Card Processor

www.monetra.com

Certified for all major processing institutions including:

Bank of America | First Data | CHASE Paymentech | Litle&Co | ValueLINK | Heartland Payment Systems | givex | Fifth Third Bank

TSYS | RBSlynk | MPS Mercury Payment Systems | globalpayments | ECHO Electronic Clearing House, Inc. | SVS Stored Value Solutions | Valutec | Elavon