

Data Security Offerings

Micro Focus® Data Security Offerings drives leadership in data-centric security and encryption solutions. With over 80 patents and 51 years of expertise, we protect the world’s largest brands and neutralize breach impact by securing sensitive data at rest, in motion and in use. Our solutions provide advanced encryption, tokenization, and key management that protect sensitive data across enterprise applications, data processing infrastructure, cloud, payment ecosystems, mission-critical transactions, storage, and Big Data platforms. Micro Focus Data Security solves one of the industry’s biggest challenges: simplifying the protection of sensitive data in even the most complex data security use cases.

Use Cases

PCI/Compliance/Scope Reduction Atalla Hardware Security Module (HSM)—Payments applications, EMV, debit, mobile, customizations and compliance in FIPS Level 3 + appliances.



Voltage SecureData—Reduce PCI costs with point-to-point encryption (P2PE), and combines Voltage Secure Stateless Tokenization (SST) with Voltage Page-Integrated Encryption (PIE) for complete e-commerce protection.

Data De-Identification and Privacy Atalla Enterprise Secure Key Manager (ESKM)—Secure server, storage infrastructure and cloud environments with KMIP interoperability and enterprise key management against losses, mishandling, administrative and operational attacks.



SecureData—Secure sensitive data while enabling business process with Format-Preserving Encryption (FPE); enable analytics on sensitive data for Hadoop/Big Data; protect test data.

Collaboration Security

Voltage SecureMail and SecureData—Email security without PKI complexity using Voltage Identity-Based Encryption (IBE); protect sensitive PII and PHI throughout the enterprise and cloud.



Solutions

Atalla HSM
Leading payments security module for protecting sensitive data and keys for non-cash payment transactions and cardholder authentications.

Atalla Enterprise Secure Key Manager, Voltage Stateless Key Management

Complete key management support from infrastructure to the application level

Voltage SecureData Enterprise

Protects sensitive data end-to-end, from moment of capture across information lifecycle

Voltage SecureData Payments

Provides point-to-point encryption and tokenization for payment data protection from swipe through to the payment processor

At a Glance

Key Use Cases

- PCI/compliance/scope reduction
- Data de-identification and privacy
- Collaboration security

What We Do

Provide data-centric encryption, tokenization, and key management solutions:

- PCI/compliance/scope reduction
- Data de-identification and privacy
- Collaboration security

How We Help Customers

- Data-centric security: applies security to the data, not just to the storage locations
- Simplify the protection of sensitive data for the most complex use cases

Advanced Security Innovations

We help protect sensitive data before it gets into the wrong hands. Data remains inaccessible and free from unauthorized eyes by safeguarding it throughout its entire lifecycle—at rest, in motion, in use—across the cloud, on-premises, in transit, and through mobile environments with continuous protection.

Voltage SecureData Mobile

Protects data in motion captured on mobile end-points

Voltage SecureData Web

Leverages unique Voltage Page-Integrated Encryption to secure sensitive browser data

Voltage SecureData for Hadoop

Enables protection of sensitive data in use with Hadoop and Big Data technologies

Voltage SecureData Cloud

Enables a cloud-agnostic approach to data protection that transcends legacy security silos

Voltage SecureMail

Policy-based enterprise-wide email encryption for employees, customers, and mobile users

Key Benefits**Atalla HSM**

- Meets the highest government and financial industry standards
- Mitigates risk, enforces controls
- Scales easily as customer's data security systems grow
- Provides secure, high-performance financial transaction processing
- Enables superior remote management and key protection

Atalla Enterprise Secure Key Manager

- Meets strong security standards
- Achieves OASIS KMIP Compliant certifications
- FIPS 140-2 Level 2 compliant
- Supports open standards and interoperability for OASIS KMIP
- Ensures auditable security to meet compliance
- Enables robust key management scalability

Voltage SecureData Enterprise

- Utilizes powerful FPE and tokenization for end-to-end data-centric security to neutralize breach risks
- Reduces audit scope and significantly lowers implementation and management costs
- Secures and de-identifies private data in enterprise applications, data stores, warehouses, hybrid clouds, and mission-critical platforms
- Helps demonstrate compliance via built-in reporting and logging capabilities

Voltage SecureData Payments

- Protects credit card data-at-rest and in transit within the cardholder data environment
- Reduces PCI scope without impacting business processes and workflows
- Provides complete point-to-point encryption (P2PE) and tokenization for retail payment transactions

Voltage SecureData Mobile

- Provides PCI Compliance and Scope Reduction
- Enables PII and PHI Compliance
- Protect sensitive data at every level of the omni-channel and unified commerce experience
- Developer friendly—simple, native libraries, easy to incorporate into iOS and Android apps
- Protects data in motion captured on mobile end-points

Voltage SecureData Web

- Protects sensitive browser form data at capture using PIE technology
- Protects data, e.g., payment or personal data, end-to-end, through Web and cloud systems to trusted host destinations

- Helps merchants reduce Payment Card Industry Data Security Standard (PCI DSS) scope by reducing live data exposure in Web applications

Voltage SecureData for Hadoop and IoT

- Protects data as close to its source as possible
- Supports data encryption, tokenization, and data masking protection techniques
- Ensures data is usable for most applications in its de-identified state
- Re-identifies data securely when required—strictly for authorized users and applications
- Achieves high performance, high scalability appropriate for Hadoop speeds

Voltage SecureData Cloud

- Protect data at field level; enabling business process & cross-cloud analytics on protected data
- Control keys independently of cloud to separate physical data location
- Enables simpler compliance to PCI DSS, HITECH, EU Privacy, cross border data exchanges privacy regulations
- Reduces audit-creep due to different cloud tools with incomplete protection data control

Voltage SecureMail

- Provides a single solution for desktop, cloud, and mobile
- Enables data-centric protection for email and attachments
- Leverages stateless key management using standards-based Identity-Based Encryption (IBE)
- Allows flexible deployment options on-premises, in the cloud, or hybrid deployments