Provable regulatory compliance!
Provable regulatory compliance!
Secure Cloud Computing

Secure Cloud Storage

Provable regulatory compliance!
The first complete security solution that lets you take advantage of Public Clouds while proving compliance to regulations!
FEATURES

- Encryption
- Tokenization
- Key Management
- Cryptographic hardware module
- Fully integrated

- Reduce scope of compliance audits
- Manage trillions of keys/objects
- Fully operational in 48 hours or less

Provable regulatory compliance!
Provable regulatory compliance!
Scope of PCI-DSS Audit
BEFORE KeyAppliance

Provable regulatory compliance!
Scope of PCI-DSS Audit
AFTER KeyAppliance

System-1 Sensitive Data
11001011010

System-2 Sensitive Data
11001011010

System-3 Sensitive Data
11001011010

System-4 Sensitive Data
11001011010

System-5 Sensitive Data
11001011010

KeyAppliance

Provable regulatory compliance!
FEATURES

- Automatic Key Management
- Split-Knowledge Control
- Highly Available
- Enterprise Scalability

- Simple Webservice API
- Active Directory Integration
- Graphical Admin Console

- Dual Gigabit Ethernet
- 8 GB DRAM
- 4 Core 64-bit CPU
- Certified HSM or TPM

Provable regulatory compliance!
Provable regulatory compliance!
FEATURES

- Encryption
- Decryption
- Key generation
- Key escrow and recovery on StrongAuth KeyAppliance
- Automatically transfer files to public clouds, VPDC, NAS
- Reduce cost of storage infrastructure

Provable regulatory compliance!
Java-based **Free and Open-Source Software**

Download at: [www.cryptocryptoengine.org](http://www.cryptocryptoengine.org)
ENCRYPTION MECHANICS

Provable regulatory compliance!
DECRYPTION MECHANICS

Provable regulatory compliance!
Provable regulatory compliance!
SECURE CLOUD COMPUTING
HEALTHCARE - VPDC

Provable regulatory compliance!
SECURE CLOUD COMPUTING FOR E-COMMERCE
SECURE CLOUD COMPUTING
E-COMMERCE - 1

Provable regulatory compliance!

SECURE CLOUD COMPUTING
E-COMMERCE - 1

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Provable regulatory compliance!
Provable regulatory compliance!
SECURE CLOUD COMPUTING
E-COMMERCE - 4

**Provable regulatory compliance!**
SECURE CLOUD COMPUTING
E-COMMERCE - PUBLIC CLOUD

Provable regulatory compliance!
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SECURE CLOUD COMPUTING
HEALTHCARE - 7

Provable regulatory compliance!
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Provable regulatory compliance!
Provable regulatory compliance!
SECURE CLOUD COMPUTING
HEALTHCARE - PUBLIC CLOUD

Provable regulatory compliance!
SECURE CLOUD COMPUTING
HEALTHCARE - VPDC

VPDC at provider's premises

Provable regulatory compliance!