

Cyphre + VaultCore Solution Brief



» SOLUTION HIGHLIGHTS

- VaultCore allows the management of organization-specific policies and scheduled automation of the entire key lifecycle
- Secure IoT provides 'in-transit' and 'at-rest' data protections for industrial Internet with SCADA networks
- Secure storage used for secure endpoint 'at-rest' protection
- Ubiquitous protection through KMIP-compliant solutions that extend functionality across all devices, endpoints, and entities, including non-compliant equipment
- Encryption gateway used to secure data 'at-rest' in heterogeneous locations

» KEY PROTECTION, MANAGEMENT, AND ENCRYPTION FOR ENTERPRISE NETWORKS

Today's encryption is deployed in isolated silos across disparate business units, applications, and hardware — a CISO's nightmare as it consumes time, ruins budgets, and puts data at risk of accidental compromise. That's about to change.

» ACHIEVE UNPARALLELED KEY PROTECTION

Cyphre® and Fernetix® have teamed up to address the importance of approaching data protection in an active, continuous, and programmatic way. In this new collaboration, the two companies are working closely to integrate Cyphre's BlackTIE® encryption technology and Fernetix's VaultCore™ key management products. The result is a powerful key protection, management, and encryption solution that provides the security controls needed to maintain data integrity, while maximizing security at the most controllable, granular level.

» LEVERAGE VIRTUALLY UNASSAILABLE BLACK KEYS

Black Keys Cyphre's patented BlackTIE® data protection technology provides the highest level of security whether on enterprise networks or in the cloud. The ever-growing use of cloud-based services demands that enterprise data is encrypted with BlackTIE® to render it useless to hackers through the use of Cyphre Black Keys.

With years of extensive testing in cloud environments and growing use in IoT settings, Cyphre's technology prevents security gaps between the system layers, while the hardware offers strong cryptographic protections over software-only approaches.

» UNLEASH ENCRYPTION'S FULL POTENTIAL

Unleash encryption's full potential by conquering key management. VaultCore by Fernetix is an advanced encryption key management ecosystem that automates the key lifecycle across the entire enterprise with groundbreaking precision and speed.

Boost your overall security posture with frequent and automated key rotations. Manual processes that may have previously taken hours are now executed within seconds. Complex and sophisticated commands are made simple when performed through an easy-to-use interface. The creation of custom compositions allows for multiple tasks to be scripted as a repeatable schedule to run automatically.

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