Zettaset XCrypt Data Encryption Platform + Fornetix VaultCore Key Manager

To keep your business safe and competitive, you need comprehensive data security that's reliable and cost effective. Zettaset and Fornetix bring together transparent, high-performance data encryption and powerful key management – without compromising productivity or innovation.

Zettaset XCrypt

The Zettaset XCrypt™ Data Encryption Platform gives you cloud-native, software-defined encryption with transparent data protection across virtual, physical, and cloud environments, including Kubernetes and containers. The encryption solution transcends legacy and file/folder solutions, reducing key exposure with unique key granularity per object – for example, partition on a server, a bucket in object storage, and persistent volume in a Kubernetes cluster. The result? Near-zero latency in even the most demanding deployments – including high-speed transactions and real-time web applications. And because it's software-based, Zettaset XCrypt offers automated deployment and unified administration at a low cost of ownership.

Fornetix VaultCore

Fornetix® VaultCore™ manages, distributes, and federates Zettaset encryption keys, for coordinated data security and availability with minimal performance impact. Zettaset uses the industry standard Key Management Interoperability Protocol (KMIP) to communicate with the Fornetix VaultCore Key Management System, unifying and controlling encryption. The combined solution joins encryption key lifecycle automation with granular user access control and automatic policy management, across data at rest and in motion.

Zettaset XCrypt and Fornetix VaultCore work together to maximize enterprise data security.
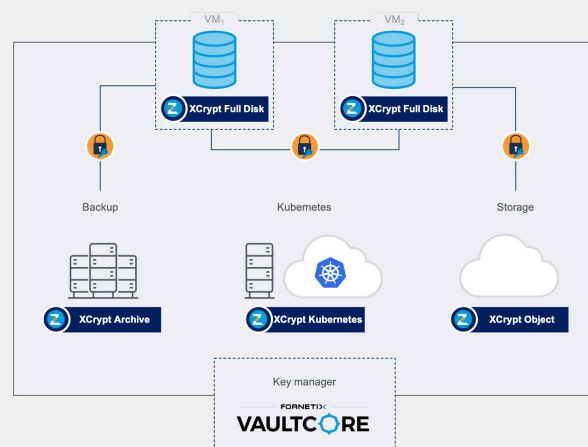
Key benefits

- **Security shaped by trusted standards**
  Vetted industry standards help ensure interoperability, enhance security governance, simplify deployment, and maximize productivity. Shared KMIP protocols streamline communication across heterogeneous environments, reducing costs and maximizing device and application efficiency.

- **Scalability without the performance hit**
  Manage hundreds of millions of keys with just one VaultCore appliance, with minimal impact on network performance. Add Zettaset's high-performance XCrypt data encryption platform to protect sensitive data across any size infrastructure.

- **Simplified, centralized key management to support business processes**
  Increase accessibility and operationalize encryption functionality. Zettaset XCrypt and Fornetix VaultCore let you coordinate the encryption key lifecycle with applications, communications, and infrastructure management. Align key utilization with enterprise policy, monitoring, and management to protect data assets.

- **Granular protection for multi-tenant and distributed environments**
  Thanks to a unique approach to key granularity, Zettaset XCrypt provides complete protection in multi-tenant environments and allows security administrators to easily decommission a compromised server or Kubernetes worker node while rendering node data unusable.

- **Out-of-the-box compliance**
  Comply with FIPS 140-2 level 2 requirements with a tamper evident Fornetix VaultCore appliance.

About Fornetix

Fornetix believes that encryption should be the most important component to every security strategy, but we also understand that managing encryption in today's complex environment can seem an impossible task. That's why we created VaultCore, a simplified, automated, and secure encryption key management solution designed to address security challenges arising from the proliferation of IoT, big distributed networks, and rapid cloud adoption. Our commitment to standards and interoperability enable us to join forces with leading technologies around the globe to provide smart and unified security solutions that bring order to the chaos of encryption management.

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About Zettaset

Zettaset is a leader in data protection and security. As a software-defined encryption solution, the Zettaset XCrypt Data Encryption Platform delivers high-performance encryption while protecting against data theft. XCrypt products transparently deploy across all physical and virtual environments and scale efficiently across any enterprise infrastructure, with simplified encryption deployment and policy management. Protect sensitive information and secure critical data assets on premises, in the cloud, or in hybrid environments with Zettaset.

Zettaset

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