

Design and Implementation for RSA® Key Manager with Application Encryption

Improves management of the encryption environment on which confidentiality depends

At a Glance

- Reviews your network and application environment for service design and architecture
- Appraises RSA® Key Manager architectural requirements
- Configures RSA Key Manager per approved design
- Installs RSA Key manager Server software components on customer-provided hardware or on a pre-configured appliance
- Integrates customer and third-party applications and devices enabled with RSA Key Manager Application Encryption Client

The Design and Implementation for RSA Key Manager with Application Encryption service helps simplify the implementation of data encryption solutions by providing a full lifecycle management solution for encryption keys: not only the provisioning of keys, but also ongoing rotation, retirement, storage, and archiving. The service integrates RSA Key Manager across a wide variety of platforms and development environments to ease integration into diverse information infrastructures.

Enterprise Key Management

Encryption technologies have been perfected over the last thirty years to a high level of performance. But the encrypted data in your enterprise is no safer than the protection you provide your encryption keys. Take a look at your own situation – do you have a new or existing encryption implementation which includes a solution for the administration of the encryption keys?

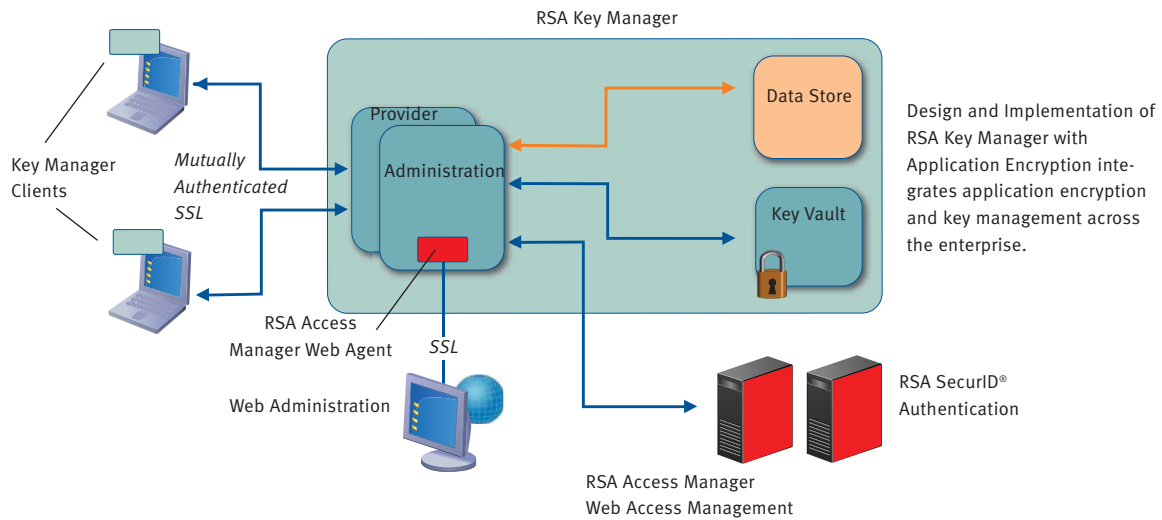
RSA Key Manager can be deployed in a centralized or distributed manner based on your business and operational requirements. It enables consistent encryption key management in accordance with security policy. To enhance your compliance profile, all key management actions are fully auditable: RSA Key Manager generates log files as required.

To further reduce risk to sensitive data, roles are available for key administration to ensure "separation of duties," which segregates responsibilities, optimizing systems integrity. Having more granular roles reduces the risks associated with accidental or malicious action.

Integrate RSA Key Manager with Crypto-enabled Applications

Design and Implementation for RSA Security Manager service helps you implement RSA Key Manager on a single system or across several systems within your environment. Experienced consultants from RSA provide custom programming and consulting services to assist your development staff in integrating your internal applications with RSA Key Manager.





Design and Implementation of RSA Key Manager with Application Encryption integrates application encryption and key management across the enterprise.

Service Benefits

The service itself brings expertise in key management, a specialized area within the information security profession. Using industry best practices, the service will deliver on the promise of encryption by integrating RSA Key Manager with new and existing applications. And once integrated, you will realize these benefits:

- Centralized administration of encryption keys, including support for key rotation, key expiration, and other key policies to manage the full lifecycle of an encryption key.
- Support for all of the provisions of the Payment Card Industry (PCI) standard for protection of keys used for data in transit and data-at-rest encryption of credit and debit card data.
- Robust separation of duties for administrators to optimize protection of encryption keys.

Twenty-four percent of 199 survey respondents reported implementation as having been the most difficult aspect of previous or existing encryption projects, making it the top-ranked issue.

April 2007 survey of encryption users commissioned by RSA Security and conducted by Forrester Consulting

Why RSA?

RSA, The Security Division of EMC, is the expert in information-centric security, enabling the protection of information throughout its life cycle. RSA enables you to cost-effectively secure critical information assets and online identities wherever they live and at every step of the way. RSA also allows you to manage security information and events, easing the burden of compliance. RSA offers the industry-leading RSA Key Manager product for enterprise encryption key management, leveraging years of encryption technology expertise.

Take the Next Step

Encrypting sensitive data and managing the encryption keys can be a complex task in an enterprise environment. RSA has extensive experience in solving hard encryption and key management problems for companies across the globe. Contact your sales representative for more information, or visit www.RSA.com.



RSA Security Inc.
RSA Security Ireland Limited
www.rsa.com

The Security Division of EMC

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