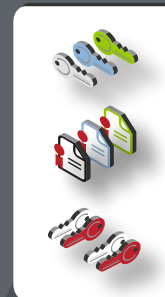


# Venafi :: Enterprise Key and Certificate Management

DISCOVERY | MONITORING | VALIDATION | ENROLLMENT | PROVISIONING



## WHAT WE DO

Venafi is the inventor of and market leader in Enterprise Key and Certificate Management solutions.



## WHY IT'S VALUABLE

With Venafi, organizations achieve significant improvements in:

- Data Security
- Key Management
- Critical System Availability
- Operational Efficiency
- Compliance Management



## INFORMATION AVAILABILITY AND DATA SECURITY

Data is the new currency and when sensitive information is lost or compromised, organizations often pay a heavy price. A steady stream of high-profile security breaches and data losses have cost organizations millions in revenue and lost customer and investor confidence. Today, nearly every enterprise application and IT system has been encryption key and certificate enabled. While this delivers greater security capabilities than ever before, the complexity of utilizing this encryption capability has created a significant increase in security and operational risk.

Venafi™ is the inventor of and market leader in Enterprise Key and Certificate Management (EKCM) solutions. Venafi delivered the first enterprise-class solution to automate the provisioning, discovery, monitoring, validation and management of digital certificates and encryption keys—from the desktop to the datacenter—built specifically for encryption management interoperability across heterogeneous environments.

## ENTERPRISE INTEROPERABILITY, SCALABILITY AND ORCHETSTRATION

True enterprise encryption-key and certificate-management solutions must deliver discovery, monitoring, validation, enrollment and provisioning functionality across the infrastructure, independent of the encryption asset being managed or the complexity and size of the environment. Venafi enables out-of-the-box interoperability and enables easy-to-deploy management functionality across multiple operating environments, certificate authorities, HSMs, applications, directories, and other enterprise systems.

With Venafi, organizations can scale encryption deployments and management functionality across the enterprise as the need to protect more data and authenticate more connections grows. Venafi also orchestrates the complex operational interactions involving keys and certificates through hierarchical and policy-based management and automation, granular access controls and audit logging.

Venafi products reduce the unquantified and unmanaged risks associated with encryption deployments that result in data breaches, security audit failures and unplanned system outages. Venafi provides policy-based and automated management capabilities for the widest range of digital certificate and encryption key technologies used by today's enterprises, including symmetric keys, SSH keys, asymmetric keys, and digital certificates. This capability is not available in any other security or management solution available today.

## ENTERPRISE KEY AND CERTIFICATE MANAGEMENT (EKCM)

Venafi Encryption Director™ manages the lifecycle of keys and certificates in some of the most important applications and systems in the world's largest organizations. Director automates the provisioning, discovery, monitoring, validation and management of encryption keys and digital certificates. Director's third-generation architecture supports heterogeneous certificate authorities (CAs), multiple platform deployments and various encryption types (symmetric, asymmetric and SSH), and has proven scalability within the world's largest enterprises.

## Discovery

The first step in managing encryption is to determine where keys and certificates are deployed within their environment, and assess where imminent risks exist. Organizations can then easily identify under-managed keys and certificates and allow administrators to bring them under management.

## Monitoring and Validation

Organizations can continuously monitor key and certificate assets, for improved inventory and risk mitigation. Flexible notification and escalation functionality allows administrators to send dynamically generated messages and automatically determine owners and escalation paths, while validating that keys and certifi-

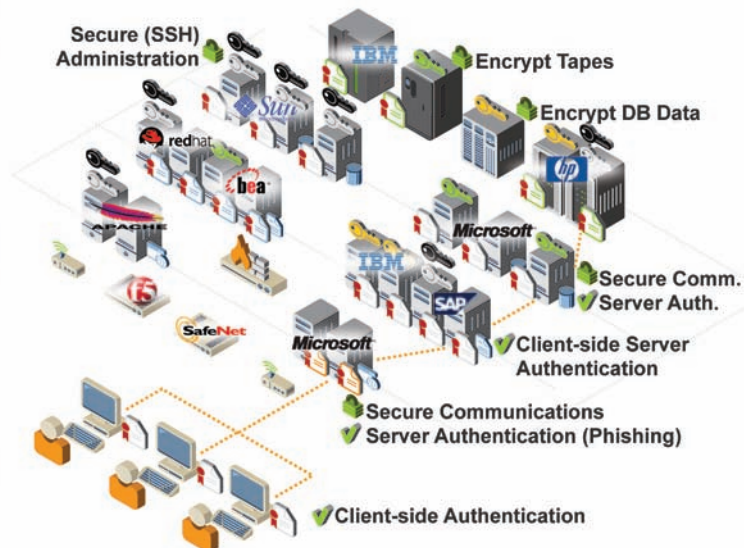
cates are installed and properly configured.

## Enrollment

Director interfaces directly with certificate authorities to initiate and auto-enroll new or to-be-renewed certificate and key generation requests according to organization-defined workflow and approved policies.

## Provisioning

Director provides fully automated lifecycle management to streamline key and certificate operations on a comprehensive set of systems and applications, producing consistent and repeatable processes that improve security, operational and compliance risk postures.



The diagram above illustrates how encryption keys and digital certificates are commonly used in the enterprise environment.

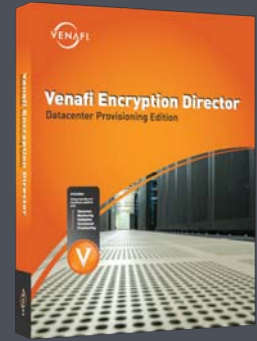
## VENAFI ENCRYPTION DIRECTOR

Venafi customers include the world's most prestigious Global 2000 organizations in financial services, insurance, high tech, telecommunications, aerospace, healthcare and retail. These organizations leverage Venafi products to enforce encryption policies through automated management in ways not possible when encryption systems, keys and certificates are managed manually by administrators.

There are three products available on the Venafi Encryption Director (Director) platform: Director Certificate Manager™, Director Symmetric Key Manager™ and Director SSH Key Manager™. Learn more about Venafi Encryption Director at [www.venafi.com/Director](http://www.venafi.com/Director) today.

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Part number: 1-0008-0211



## SUPPORTED ENCRYPTION TYPES

- Digital Certificates
- Private Keys
- Symmetric Keys
- SSH Keys

## SUPPORTED SYSTEMS

- Web Servers
- Application Servers
- Middleware
- SSL Accelerators
- SSH Systems
- Symmetric Key Systems

The above is not an exhaustive list of supported systems. Director supports thousands of platforms and applications out of the box. Supported versions are subject to change without notice. Contact a Venafi Sales Representative for a current list of supported platforms.



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