

Key Management Best Practices

Defend against breaches, mitigate risks, and gain complete visibility.

Cybersecurity threats are expanding alongside the explosion in the amount of data, devices, and digital credentials.

An Expanding Threat Landscape

70%

of leaked secrets remain active two years after exposure, leaving critical systems vulnerable to attack.

Source: GitGuardian, 2025

200

 zettabytes

of data need protection against threats and vulnerabilities.

Source: Cybersecurity Ventures, 2024

Most Common Reasons for a Breach

-  Lack of visibility – keys are not fully understood
-  Inadequate protection – keys are not sufficiently protected
-  Lack of monitoring – keys are not monitored and audited
-  Poor security hygiene – sloppy key management processes
-  Organizational complexities – innocent mistakes and misconfigurations or insider threats
-  Failure to follow best practices for key management



What Is Under Attack?

- Keychain
- Cloud Secret Management Stores
- SAML/OAuth Token Signing Keys
- Application Access Tokens (API Keys)
- Private Keys



Stay Protected With:

- Comprehensive, robust key and secrets management
- Auditing your cryptography to establish best practices for your organization

Implement Best Practices



Discover and inventory keys, certificates, and secrets



Implement strict access controls



Regularly rotate keys to minimize risks



Use hardware security modules (HSMs) to securely protect cryptographic assets



Monitor key usage and access



Help meet compliance and regulatory needs with automated risk assessments

Confidently Control Your Cryptography

- Achieve 360° visibility and control over the lifecycle of keys, certificates, and secrets
- 150+ partner integrations, allowing you to build on current investments
- Fulfill complex and evolving cryptographic requirements

Meet the growing need for comprehensive cryptographic security management by implementing best practices and unifying your PKI, certificate lifecycle management, key and secrets management, and HSMs – all from a single cohesive system.

[Discover the Cryptographic Security Platform](#)