

DATA SHEET

Venafi CodeSign Protect

Secure the code signing process across your enterprise that is fast and easy for developers to use

Key Features

Secure Private Keys

Code signing keys never leave secured, encrypted storage, even during a code signing operation.

Enforce Code Signing Policies

InfoSec defines corporate code signing encryption and certificate policy for the organization.

Automate Code Signing Workflows

Development teams establish code signing key approval and usage workflows.

Maintain Enterprisewide Visibility

Irrefutable record of all code signing activity is available to InfoSec and compliance teams.

Easy Code Signing

Developers continue to use the same tools, including those for DevOps. Code signing certificate management is automatically handled.

Fast Code Signing

Developers do not need to upload large applications to be signed on a central server as code signing occurs locally on their build machines.

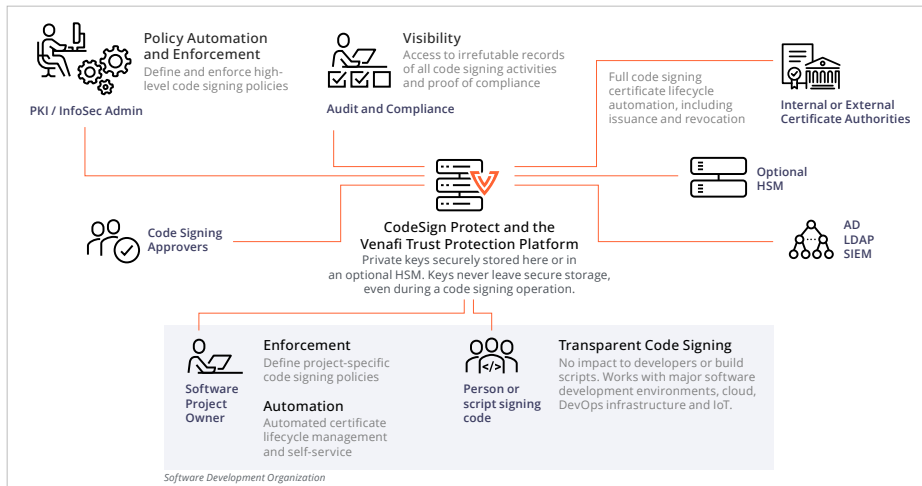
Companies use code signing to ensure their customers can trust the software they deliver and prevent unauthorized changes from being made to it. Too often, however, organizations fail to properly secure code signing credentials—leaving them vulnerable to cybercriminals and malware. The 2020 SUNBURST malware attack on SolarWinds is just the most well-known and devastating example of what happens when the code at any point in the software supply chain is left exposed.

According to NIST's ***Security Considerations for Code Signing*** white paper, not only should code signing keys be stored in an encrypted and secure location, but secure code signing processes should be created to establish who has access to the keys and under what circumstances.

Venafi CodeSign Protect

Venafi CodeSign Protect, part of the Venafi Control Plane for machine identities, secures enterprise code signing processes by providing centralized and secure key storage along with role-based policy enforcement. Providing code signing-as-a-service, it reduces the burden on development teams by integrating with the tools and processes they already use.

By combining visibility and intelligence with workflow automation and controls, CodeSign Protect guards against unauthorized use of code signing certificates while providing an audit trail of all code signing activities.



CodeSign Protect offers a role-based approach to securing the code signing process. InfoSec defines high-level policy. Development team leads establish the approval and usage process for a code signing certificate. All code signing keys are stored in the Venafi encrypted trusted store or an attached hardware security module (HSM). CodeSign Protect automates the certificate lifecycle process.

Why use Venafi CodeSign Protect?

The Venafi Control Plane

The Venafi Control Plane for machine identities accelerates digital transformation and eliminates security incidents and revenue stream disruptions caused by machine identity management failures. With comprehensive support for all machine identities in data centers, clouds, hybrid environments and at the edge Control Plane gives enterprises the observability, consistency, reliability and freedom of choice needed to stop outages, automate for efficiency, prevent misuse and compromise and modernize with speed and agility.

Never worry about your private keys being stolen or misused

Code signing private keys never leave the secure storage location that InfoSec specifies, either in Venafi's trusted vault or a connected HSM.

Maintain visibility across the enterprise

Using the detailed intelligence gathered, Venafi CodeSign Protect provides compliance and audit reporting that includes all code signing activities.

Ensure that code signing policies are defined and enforced

Using Venafi CodeSign Protect, project owners can control code signing policy definitions. They can define who approves requests, who can access the certificates and what code signing tools can be used.

Provide value to your development teams

Venafi CodeSign Protect plugs directly into native code signing tools provided by most software development environments. By providing an automated code signing service, the hassle and overhead of personally managing and requesting code signing certificates is eliminated, improving efficiency.

For more information about this product, its features, and how other customers use it, scan this QR code or go to:



venafi.com/platform/codesign-protect

Venafi is the cybersecurity market leader in machine identity management, securing the cryptographic keys and digital certificates on which every business and government depends to deliver safe machine-to-machine communication. Organizations use Venafi key and certificate security to protect communications, commerce, critical systems and data, and mobile and user access. **To learn more, visit venafi.com**