

Powerfully Easy PKI-Based Enterprise Security

Use the Venafi Platform with DigiCert Certificate Services to achieve superior TLS and PKI management

While Public Key Infrastructure (PKI) is at the core of Machine Identity Protection, securing the keys and certificates that act as machine identities is becoming much more of a challenge. The volume and velocity of machines and public key certificates are increasing every day, as is the need to extend PKI authentication to an increasing range of machines—web services, new industry-specific technologies and IoT devices. And all of these must be secured without disruption.

In-house PKI can seem like the best solution in cybercrime prevention, offering a certain amount of control over certificate infrastructure. But safely and effectively managing machine identities is problematic for organizations experiencing rapid growth or for large enterprises spanning multiple geographies, domains and devices. Assurance, scale and technology are critical factors to consider. PKI requires a machine identity protection strategy, especially for the Global 5000. To succeed, organizations must have visibility, control and automation of their machine identities.

Machine Identity Protection that Scales

Venafi and DigiCert are industry-leading innovators uniquely positioned to simplify complex PKI deployment for the world's largest organizations. The combined solution enables organizations to customize and orchestrate TLS certificates and Machine Identity Protection at machine speed and scale.

“Public Key Infrastructure and digital certificates are hard to manage. Organizations are also expanding the use of PKI within IoT and DevOps pipelines. Technical professionals need to transform the perception – and deployment – of PKI to establish an automated management regime for PKI.”

Gartner. Summary of Research Note G00361777. The Resurgence of PKI in Certificate Management, the IoT and DevOps. 23 October 2018.

Solution Benefits

- Gain full visibility into the demand, usage and workflow of certificate services.
- Automate certificate provisioning to keep pace with dynamic IT services and innovation.
- Enforce policies and reduce risk with automated workflow, configurable approval and authorization, and detailed logging.
- Achieve compliance with workflow approvals, authorization and authentication.
- Support the full certificate life cycle from request, issuance and renewal to revocation.

DigiCert Certificate Services

DigiCert is a world-leading certificate authority (CA) that simplifies PKI-based security at any scale so customers can focus on growing their businesses. Regardless of size and complexity, DigiCert delivers identity, authentication and encryption to meet even the most demanding of high-volume environments while maintaining the flexibility to be customizable. DigiCert's state of the art CA and managed PKI platform, CertCentral®, seamlessly integrates and augments the Venafi Platform to make a truly superior TLS and PKI management solution.

Venafi Platform

The Venafi Platform protects machine identities by orchestrating cryptographic keys and digital certificates for SSL/TLS, IoT, mobile and SSH for the extended enterprise—on premises, mobile, virtual, cloud and IoT—all at machine speed and scale. Venafi automates, streamlines and protects the entire key and certificate life cycle, as well as remediates to reduce or eliminate security and availability risks connected with expired or weak certificates (such as SHA-1, MD5 or wildcard certificates) or compromised machine identities.

Together We Can Help

The Venafi Platform and DigiCert certificate solutions work together to simplify complex, global digital certificate operations by enabling you to achieve the following:

- Improve your Machine Identity Protection through the fully automated, high-speed key and certificate life cycle operations delivered by the Venafi Platform.
- Secure unlimited servers with the strongest encryption, highest authentication and easiest certificate management with TLS certificates available from DigiCert.

With the Venafi Platform and DigiCert Certificate Services, customers can craft their ideal certificate management solution regardless of complexity. Venafi can protect machine identities across hundreds of applications and devices using integration with DigiCert to deliver policy-enforced replacement and remediation of public key certificates in just minutes.

And organizations can customize any feature—from fully automating certificate provisioning to enforcing internal policies.

Using DigiCert's cutting-edge infrastructure, customers can easily integrate into any system, provision any type of TLS certificate and fulfill even the most demanding of high-value certificate requests in seconds. Through the collaboration of DigiCert and Venafi, customers also gain immediate access to innovative new features developed by both vendors. Visit the Venafi Technology Network at <https://marketplace.venafi.com> to download the DigiCert adaptable driver for Venafi.

digicert®

About DigiCert

DigiCert is a leading provider of scalable security solutions for a connected world. The most innovative companies, including the Global 2000, choose DigiCert for its expertise in identity and encryption for web servers and Internet of Things devices. DigiCert supports SSL/TLS and other digital certificates for PKI deployments at any scale through its certificate life-cycle management platform, CertCentral®. The company has been recognized with dozens of awards for its enterprise-grade management platform, fast and knowledgeable customer support, and market-leading growth.

For the latest DigiCert news and updates, visit www.digicert.com or follow [@digicert](https://twitter.com/digicert).

VENAFI®

About Venafi

Venafi is the cybersecurity market leader in machine identity protection, 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 www.venafi.com