PrimeKey
Solution Brief

Automate high-performance, scalable identities

Public Key Infrastructure (PKI) is at the core of machine identity protection. But securing the keys and certificates that act as machine identities is becoming much more challenging. 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.

Venafi and PrimeKey are industry leading innovators uniquely positioned to bring order to PKI chaos for the world's largest organizations. Together Venafi and PrimeKey simplify and automate PKI-based security solutions at any scale, so our customers can focus on growing their business.

An organization may have a hybrid network that exists both in the cloud and on premises, and some organizations have CAs from multiple types of sources. Organizations use an average of eight separate issuing CAs, with an average of eight distinct applications that need PKI. Security teams

are looking for the next generation of PKI to meet their scale, performance, and security requirements.

When connected to PrimeKey EJBCA Enterprise, the Venafi Platform acts as a powerful Registration Authority, enabling automation for those users that manage machine identities in the context of their business needs.

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For the administrators that deal with infrastructure, EJBCA Enterprise provides unmatched coverage of cryptographic mechanisms, certificate templates, DevOps and IoT integration protocols and a wide variety of other cutting-edge features that make it the de-facto choice of digitalized enterprises.

From an operations perspective, it is imperative that services are updated, always available, and can scale both in-house and/or in the cloud as business needs may mandate. Being available as a software, or hardware appliance with integrated FIPS 140-2 certified Hardware Security Model (HSM), or in cloud, EJBCA Enterprise enables you to deploy in any combination, depending on what best suits your requirements.

Venafi Platform and PrimeKey EJBCA Enterprise also deliver both savings and peace of mind -- the ability to enforce security policies and sustain compliance. In many areas, standards and regulations compliance is a must, while all competitive businesses strive to keep best practices. By creating comprehensive and searchable evidence of compliance, businesses bring aptness to audit processes – something that is often a sizeable project on its own.

Benefits

**Detect and support** multiple Certificate Authorities.

Consolidate or migrate your old PKIs into one central control.

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 harmonized PKI services, automated workflow, configurable approval and authorization, and detailed logging.

Support the full certificate life cycle from request, issuance, and renewal to revocation.
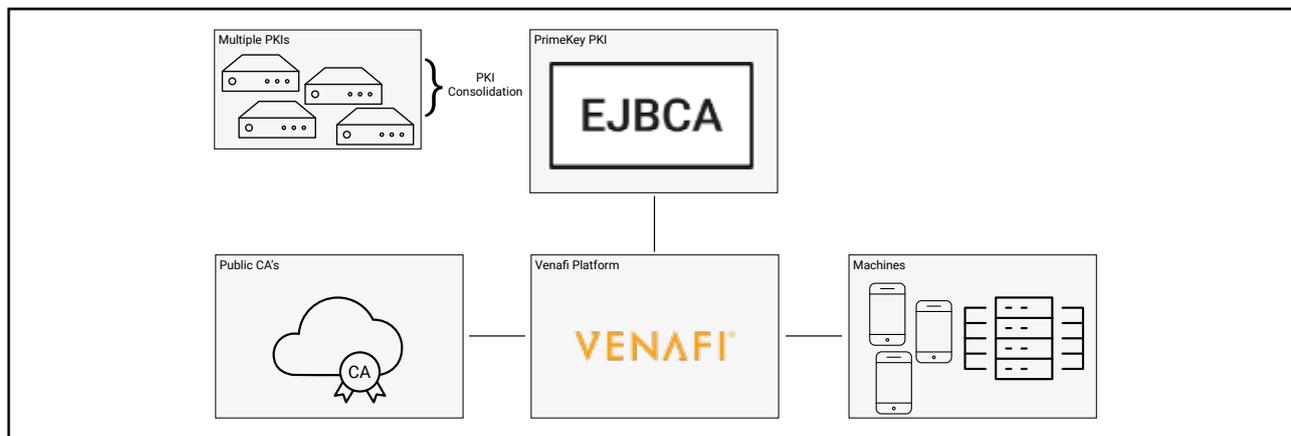
Fully automated, high-speed and harmonized certificate life-cycle management for all your machine identities.

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 encryption, authentication and authorization. Organizations use Venafi key and certificate security to deliver safe machine-to-machine connections and communications. Download the adaptable driver at https://marketplace.venafi.com.

About PrimeKey
PrimeKey is one of the world's leading companies for PKI and digital signing solutions. Deployed as software, appliance or cloud, our products EJBCA and SignServer deliver the capability to implement an enterprise grade PKI system ready to support solutions such as IoT, e-ID, e-Passports, authentication, digital signatures unified digital identities and validation. PrimeKey has its head office in Stockholm, Sweden.

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