

DATA SHEET

Venafi Firefly

Machine Identities at Ultra-High Speeds for Modern, Cloud Native Workloads

Key Capabilities

For Security Teams:

- Gives security teams the ability to extend machine identity issuance to modern applications
- Enforces consistent policy assigned from the Venafi Control Plane
- Maintains visibility of certificates issued through the Venafi Control Plane to meet security and auditing requirements

For Development and Platform teams:

- Works in an ever-changing landscape of architectures (e.g., cloud native, DevOps, cloud and federated PKI environments, etc.) for maximum flexibility
- Issues machine identities at extremely high speed
- Deploys as an autonomous local issuer anywhere that requires extremely low latency issuance
- Provides the ability to be compliant with ephemeral needs

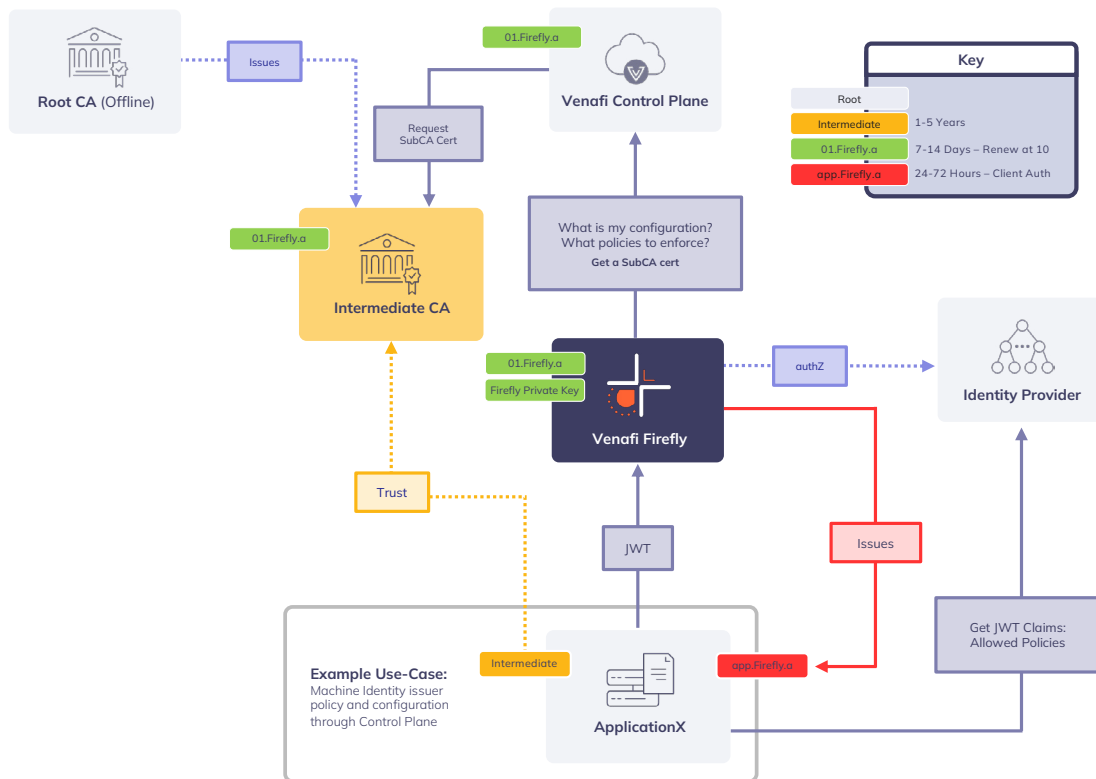
In modern computing environments, machine-to-machine communication needs to be encrypted to protect communications between services, applications, and other machines. Many traditional PKI solutions simply can't keep up with highly distributed applications that need tens or hundreds of thousands of machine identities a day. In some cases, access to new and ephemeral machine identities is needed 24x7 because the identities are being created by machines themselves.

To deliver on accelerated timelines, developers are often creating their own solutions. Many of these rapidly spun up machine identities may not meet organization policy, which leaves security teams without visibility into which machine identities are in use.

Venafi Firefly

Venafi Firefly, part of the Venafi Control Plane for Machine Identities, is a lightweight machine identity issuer that supports highly distributed, cloud native, DevOps, cloud and federated PKI environments. It enables security and architecture teams to ensure that certificates issued to application workloads—using CI/CD or orchestration tools familiar to developers—adhere to corporate policies and have enterprise trust through integration with approved Certificate Authorities and that meet security policy.

Firefly adds value across the Venafi Control Plane, working in tandem with TLS Protect and TLS Protect for Kubernetes.



Why use Venafi Firefly?

Easily distributed: Firefly can be deployed in any environment where enterprise trust is needed.

Versatile: Firefly has multiple, flexible deployment options including Kubernetes, CI/CD, service mesh.

Ultra-high speed: Firefly can generate keys and issue certificates at speeds well beyond service mesh requirements.

Autonomous: Firefly can operate stand alone making it attractive to software architects and developers.

Secure: Firefly is managed and governed by the Venafi Control Plane and supports modern authentication mechanisms.

Lightweight: Firefly requires minimal infrastructure to deploy in production to achieve high availability and fault tolerance.

Ready to get started?

To learn more about Venafi Firefly, visit

<https://www.venafi.com/Firefly>

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.

Venafi is the cybersecurity market leader in identity management for machines. From the ground to the cloud, Venafi solutions automate the lifecycle of identities for all types of machines—from physical devices to software applications, APIs and containers. With more than 30 patents, Venafi delivers innovative solutions for the most demanding, security-conscious organizations in the world. **To learn more, visit [venafi.com](https://www.venafi.com)**