

# Simplify Enterprise-wide Certificate Lifecycle Management (CLM) with AppViewX AVX ONE CLM

## Challenge

The PKI world is shifting faster than ever! Machine and non-human identities are multiplying. Certificate lifespans are shrinking to just 47 days. The push for post-quantum cryptography (PQC) migration is mounting. And the impact of even a single expired or unknown certificate, whether it's outages, vulnerabilities, or compliance failures, is more costly than ever.

Still, many organizations rely on manual, outdated, and fragmented CLM processes to manage it all. That's not just a bottleneck, it's a security risk. To stay secure and ahead of relentless change, you need a modern CLM solution that's built for automation and crypto-agility.

## CLM Challenges

- Security Blind Spots
- Website & Application Outages
- Manual Inefficiencies
- Compliance Risks & Failed Audits

## The AVX ONE Solution

### Prepare Now with Crypto-Agility from AppViewX AVX ONE CLM

AppViewX AVX ONE CLM is an automated certificate lifecycle management (CLM) solution designed to simplify PKI and machine identity management across complex hybrid multi-cloud environments. It provides holistic visibility, end-to-end automation, and policy-driven control to ensure trust for machines, workloads, applications, and cloud services. Its industry-leading features include smart discovery, actionable insights dashboards (such as 47-Day TLS, PQC, and Enterprise Crypto-Scoring), closed-loop automation workflows, intuitive self-service, and zero-touch policy enforcement.

By streamlining CLM for all certificate types across leading public and private Certificate Authorities (CAs), AVX ONE CLM enhances enterprise-wide crypto-agility, mitigates machine identity risks, and empowers cross-functional teams to focus on innovation and growth.

## Why AppViewX AVX ONE CLM

### Greater Visibility



Smart Discovery, Inventory, and Actionable Insights Dashboards

### Unrivaled Automation



CA-Agnostic, Flexible, Closed-Loop Automation

### Continuous Control



Zero-Touch Policy Enforcement and Compliance Engine

Prevent Security Blind Spots and Eliminate Outages

Achieve Crypto-Agility and Boost Efficiency

Promote PQC Readiness and Maintain Continuous Compliance

# AppViewX AVX ONE CLM Capabilities

## Smart Discovery

Discover all public and private certificates across your hybrid multi-cloud environments using flexible scanning methods (i.e., device, IP network and cloud scans) to detect unmanaged, rogue, and non-compliant certificates.

## Certificate Inventory and Insights

Build a central inventory of discovered certificates. Get a holistic view of all the certificates with insights into their chain of trust, location, certificate expiry dates, meta data and crypto standards to prevent unknown and vulnerable certificates from causing application outages and data breaches.

## Industry-Leading Dashboards

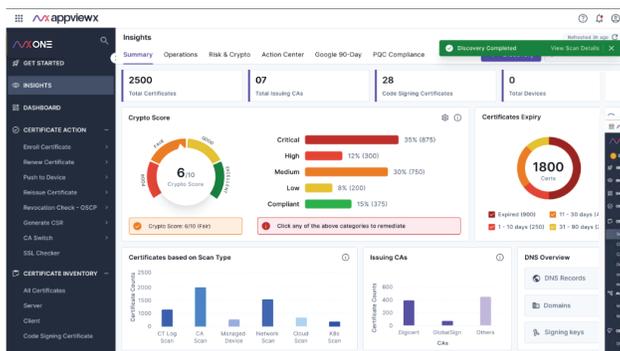
Leverage actionable dashboards and insights to benchmark against critical trends like 47-Day TLS, crypto-scoring and PQC readiness, optimizing your security and compliance posture.

## Closed-Loop Automation and Self-Service

Automate the entire certificate lifecycle – from enrollment to provisioning and renewals – complete with end-point binding. Harness the power of custom and out-of-the-box automation workflows to support any number of CLM actions, triggers, and approvals. Promote cross-functional self-service with a robust user portal featuring custom branding, personalized dashboards, and automation capabilities.

## Custom Alerts

Use detailed and persistent alerts to ensure timely renewals, approvals or escalations, staying on top of expiring certificates and preventing application outages. Get alerts delivered via emails for manual actions or via simple network management protocol (SNMP) traps for automation.



## Extensive and Seamless Integrations

Seamlessly integrate with multiple Certificate Authorities, cloud services, DevOps toolchains, ITSM, SIEM, and MDMs to automate certificate management and accelerate processes.

## Robust Policy and Compliance Engine

Define and enforce an enterprise-wide PKI policy. Implement role-based access control for easy access management. Get audit logs and periodic reports of certificate-related activities for easier audits and regulatory compliance.

## Use Case Adaptability

Use a single instance of the AVX ONE Platform for multiple use cases. Automate certificate and key management for SSL/TLS, SSH, IoT, secure code signing, etc., in diverse hybrid-cloud and multi-cloud deployment environments.

## PQC Readiness

Assess cryptographic vulnerabilities, prioritize remediation, and plan a seamless migration to quantum-safe encryption with Quantum Trust Hub—an integrated PQC module within AVX ONE CLM.

## CA-Agnostic Solution

Manage and provision certificates from all leading public and private Certificate Authorities (cloud and on-premises) to ensure full CA and Crypto-agility.

## SaaS-first Delivery and Rapid Time-to-Value

Leverage AVX ONE's SaaS-first delivery model with multi-tenancy (or other flexible deployment options) to ensure rapid implementation, cost efficiency, high availability, and scalability. Benefit from the platform's modular microservices architecture that enables automated upgrades and frequent enhancements.



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