AppViewX CLM | Solution Overview

AppViewX

Automate Certificate Lifecycle Management. Turn Machine Identity Risk into Operational Resilience.

Challenge

Machine identities now outnumber humans 45:1[1], public certificate lifespans are shrinking to 47 days, and quantum-vulnerable algorithms are buried across your infrastructure. Yet most teams are still running on spreadsheets, homegrown scripts, and CA-specific tooling that was never built for this scale or pace.

Certificate blind spots lead to outages and security breaches

Fragmented visibility across on-premises, hybrid, and multi-cloud environments leaves certificates untracked, unmanaged, and expiring without warning. Every blind spot is a potential outage or compliance gap waiting to happen.

CA lock-in limits your agility

Siloed, CA-specific tools make it impossible to enforce consistent policies, adapt to new CAs, or respond quickly when algorithms deprecate or mandates change. You end up managing your tools instead of managing your risk.

Manual processes don't scale

Managing thousands of certificates across teams and environments by hand is slow, error-prone, and expensive. At 47-day lifespans, renewals are no longer projects. They're continuous operations that require automation to execute reliably at scale.

Quantum-vulnerable algorithms are already a liability

Weak algorithms, misconfigured certificates, and quantum-vulnerable credentials are scattered across your environment. Without discovery tied to business context, you can't prioritize what to fix or prove to auditors where you stand.

AppViewX CLM

The CA-Agnostic CLM Built for the 47-Day and PQC Era

AppViewX CLM is a modern, crypto-agile certificate lifecycle management solution that centralizes and orchestrates discovery, automation, and governance across all certificate authorities, cloud environments, workloads, and endpoints. It sees every certificate, automates the end-to-end lifecycle, and prepares you for the future—without CA vendor lock-in.

Visibility

Find every certificate across public and private CAs, multi-cloud, and legacy apps. Understand your full cryptographic exposure in one place.

Automation

Prevent outages with policy-driven automation that renews, issues, and provisions certificates before they expire, across on-prem, hybrid, and multi-cloud.

Agility

Prepare for 47-day certificates and cryptographic changes with a CA-agnostic platform that works with public and private CAs, DevOps pipelines, and cloud, with no lock-in.

$2.4M

$2.4M reduction in certificate-related incident costs over three years[2].

30 min → 0.25 min

manual renewal time per certificate, reduced by automation[2].

97%

reduction in time spent on certificate lifecycle management[2].

Source: [1] Rubrik Zero Labs' "The Identity Crisis" report
[2] Forrester Total Economic Impact™ of the AppViewX Platform, February 2026

What It Delivers

Everything You Need to See, Automate, and Govern Every Certificate

Smart Discovery

Find every certificate across your hybrid multi-cloud environment using agentless network, device, and cloud scans, including unmanaged, rogue, and non-compliant certificates your CA-native tools miss. Build a continuously updated, centralized inventory with full metadata, chain of trust, and cryptographic scoring.

Closed-Loop Automation & Self-Service

Automate the entire certificate lifecycle from enrollment to provisioning, renewal, and end-point binding with out-of-the-box and custom workflows. Eliminate manual effort at every stage, empower teams with self-service portals and reduce operational overhead even as renewal frequency increases.

CA-Agnostic CLM

Manage and provision certificates from any public or private CA, cloud or on-premises from a single platform. No CA lock-in, no fragmented tools. Switch providers, add new CAs, and maintain consistent policies across your entire certificate estate as your environment evolves.

Policy and Compliance Engine

Define, enforce, and templatize certificate lifecycle workflows with a unified policy engine across teams and environments. Set rules for approved CAs, key lengths, algorithms, and validity periods, and block non-compliant requests before issuance. RBAC, audit logs, and periodic compliance reporting make audits straightforward.

PQC CLM and AI-Enabled Visibility and Action

Discover PQC certificates, generate PQC CSRs, and enroll from PQC-capable CAs, so quantum readiness runs through the same CLM workflows as classical certificates. Connect AI agents like Claude and Copilot via the native MCP server to query certificate risks and trigger actions in natural language.

Extensive Integrations

200+ native integrations across CAs, multi-cloud platforms, DevOps toolchains, ITSM, SIEM, and MDMs keep CLM connected to the systems already running your business. Auto-enrollment protocol support across EST, SCEP, NDES, ACME, CMP, and Windows Auto-enrollment keeps every environment covered without additional tooling.

> *"AppViewX has saved us from downtime due to expired certificates. I think our downtimes went down from 3 or 4 a month down to 0."*
>
> - PacificSource (Director of IT Operations)

What Security and Operations Teams Get

Complete certificate visibility, no blind spots	A continuously updated, centralized inventory across all CAs and environments—discovered agentlessly, with full metadata, cryptographic scoring, and ownership mapped.
Zero certificate-related outages	Certificates renew and provision automatically before they expire, even at 47-day renewal frequency. No manual intervention, no missed deadlines.
No CA lock-in, full crypto-agility	Switch CAs, add new ones, and adapt to new mandate and cryptographic changes without re-architecting your certificate program.
A clear, executable path to PQC	Discover quantum-vulnerable certificates, prioritize by risk, and migrate to PQC through the same automated workflows already in place.
Audit readiness without the sprint	Pull compliance reports, access logs, and policy evidence from the platform. No manual evidence assembly required.

See every certificate. Stop every outage. Be ready for what's next.

Schedule a CLM assessment and get a complete view of your certificate environment.

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