Certificate Lifecycle Automation

The AppViewX Platform helps enterprise IT manage and automate the entire lifecycle of their internal and external PKI. Our Certificate Lifecycle Automation Solution provides extensive visibility into the certificate and encryption key infrastructure which helps protect the enterprise from threats to the business. Application, network, and security engineers may self-service and initiate automation workflows that deliver compliance and true business agility.

Low-level Solutions

Discovery and Visibility

- Discover unknown certificates and keys across heterogeneous environments
- Group certificates and keys, apply access restrictions and assign strict policies
- Monitor status to notify and renew expiring certificates on time
- Get a holistic view of certificates and keys and their respective device associations

Low-code Certificate Lifecycle Automation

- Access to a catalog of advanced automation workflows for certificate management
- Build custom, event-driven automation using pre-built workflow tasks
- Integrate with ITSM tools to get status on each workflow via email or slack
- Enforce custom expiration dates or enable auto-rotation for each key

Cloud and Devops

- Use low-code automation workflows for easier policy-based certificate enrollment
- Generate internal certificates for test applications before migrating to external certificates
- Discover, manage and automate certificates across multi-cloud and container environments
- Request any certificate and provision it to cloud key stores using a single interface

Secure Key Management

- Store private keys in an AES-256 bit encrypted database or a FIPS 140-2 certified HSM
- Use a built-in or third-party password vault to store critical passwords
- Use automation workflows to push certificates and keys across multiple devices
- Schedule or provide on-demand, time-bound, privileged access to users

Certificate and Key Compliance

- Standardize certificate provisioning using simple, self-serviceable automation workflows
- Define granular role-based access control and enforce business-specific policies
- Create audit trails for each user and certificate or key-related activity
- Get certificate and key compliance statistics and reports on SIEM dashboards

IoT and Mobile End-Points
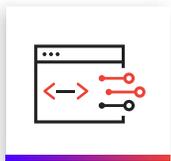
- Get a single SCEP, ACME, and KMIP proxy to validate requests from IoT end-points
- Integrate with EMM/MDM systems and self-service certificate issuance and other activities
- Standardize certificate management across Laptop, SSO, Wi-Fi and VPN systems
- Use out-of-box integration with vendors to handle certificate enrollment for all end-points

SSH Key Lifecycle Automation

- Discover and map SSH keys to devices, servers, and user accounts in the cloud and on-premise
- Enforce expiration dates and delete outdated keys
- Rotate keys with simple low-code automation workflows
- Monitor SSH sessions and terminate them on-demand

About AppViewX

AppViewX is revolutionizing the way NetOps and SecOps teams deliver services to Enterprise IT. The AppViewX Platform is a modular, low-code software application that enables the automation and orchestration of network infrastructure using an intuitive, context-aware, visual workflow. It quickly and easily translates business requirements into automation workflows that improve agility, enforce compliance, eliminate errors, and reduce cost. AppViewX is headquartered in Seattle with offices in the U.S., U.K., and India. To know more, visit **www.appviewx.com**.

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