

Your IT estate is zero-trust. Your cameras are **wide open**.

Between perimeter firewalls and identity providers, nobody is governing physical surveillance. Shared admin passwords taped to NVR chassis, ex-employees retaining direct device logins, unmonitored RTSP streams on corporate VLANs, and unrotated credentials leave surveillance infrastructure the softest entry point into the enterprise. **camsecure closes that gap.**





Vault & Rotate

P A M

Passwords for all NVRs, DVRs, and IP cameras are generated, stored in the **camsecure Storage Vault**, and rotated on schedule. End-users never see or handle credentials.



Proxy & Broker

Z T N A

No user connects directly to equipment. Web sessions and RTSP video streams flow through the **Access Control Web Proxy** and **Streaming Proxy**, verified in real-time.



Reconcile & Record

I G A

Automated background services continuously crawl NVRs to discover cameras, reconcile orphaned accounts, and enforce role bounds across the estate.

Not just a VMS. Not just a password safe.

The unified Zero-Trust Identity & Privileged Access Control Plane for video surveillance.

Zero Password Exposure

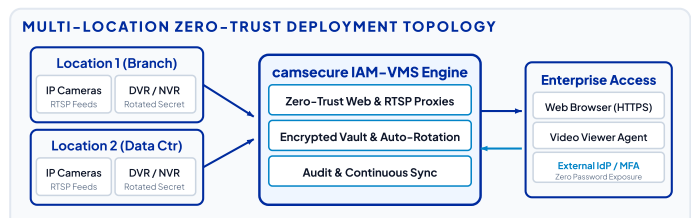
Just-in-Time Access

RTSP Stream Proxy

Auto Reconciliation

One platform.
Surveillance & cyber controls.
Zero exposed passwords.

100% Brokered Zero-Trust Access. Decouples all users and viewers from physical NVR/DVRs. Nobody sees credentials. Nobody bypasses policy.



WHAT CAMSECURE DOES

Eleven capabilities. One surveillance control environment.

CREDENTIAL VAULTING & PRIVILEGE

-  **camsecure Storage Vault**
Hardware-encrypted repository persisting master data: credentials, device rights, roles, and immutable audit trails via TCP/SSL.
-  **Zero-Exposure Credential Brokering**
Transparent backend credential injection. Operators authenticate through SSO; device passwords remain 100% hidden.
-  **Automated Password Rotation**
Background services autonomously rotate root/admin credentials on NVRs, DVRs, and IP cameras according to enterprise policy.
-  **Controlled Breakglass Access**
Emergency access workflow utilizing encrypted, time-decaying one-time recovery keys with mandatory dual authorization.

ACCESS BROKERING & PROXIES

-  **Access Control Web Proxy**
Single point of entry for NVR/DVR management. Every browser session is authenticated, inspected, and authorized at request-time.
-  **Real-Time Video Stream Proxy**
High-throughput RTSP/554 media proxy relays video to viewers without exposing camera IP subnets or RTSP credentials.
-  **Video Viewer Desktop Agent**
Lightweight operations viewer delivering multi-screen live and recorded streams through secure, authenticated proxy tunnels.

GOVERNANCE, AUDIT & COMPLIANCE

-  **MFA & IdP Federation**
SAML 2.0 & OIDC integration with Entra ID, Okta, and Ping, featuring WebAuthn biometric login and brute-force auto lock-out.
-  **Just-In-Time (JIT) Access**
Self-service, pre-approved access requests with manager approvals; permissions auto-expire the moment the window closes.
-  **Discovery & Reconciliation**
Scheduled background scanners discover newly connected cameras, reconcile NVR local accounts, and auto-correct config drift.
-  **Tamper-Evident Forensic Audit**
Immutable logging of all logins, stream requests, PTZ manipulations, configuration updates, and video export attempts.

DEPLOYMENT & SCALE

Built to scale with your estate.

Scalable by Design

Microservices control plane that scales horizontally as camera counts and sites grow — from a single facility to distributed multi-site estates

Deploy as an Appliance

Also available as an on-premises appliance for environments that require full local control

Universal OEM & ONVIF Compatibility

Hikvision, Dahua, Axis, Hanwha, Uniview, Bosch, Milestone & Genetec

Deploy as SaaS

Available as a managed SaaS application for rapid rollout with no infrastructure to operate

Zero Passwords Exposed · 100% Brokered

Complete elimination of shared root credentials on device consoles

0

Passwords Exposed to Users

100%

Proxied Web & RTSP Sessions

365

Days Continuous Reconciliation

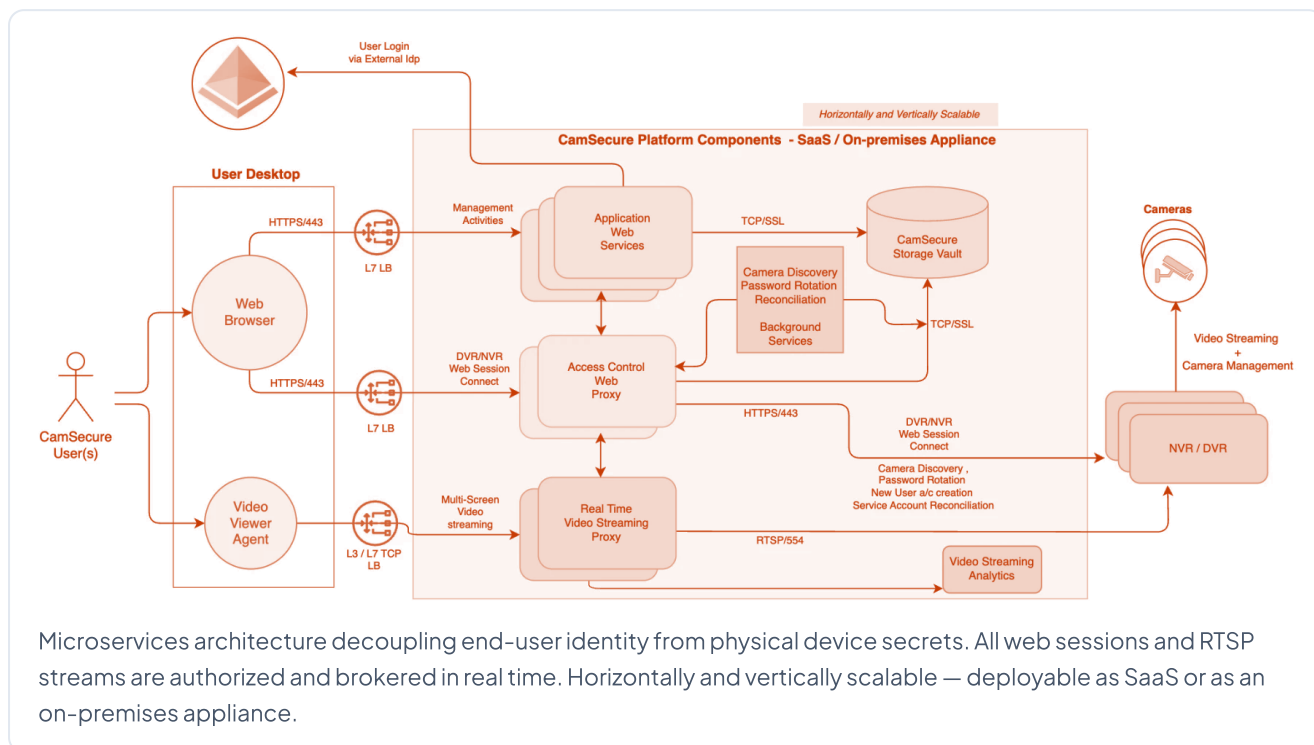
SaaS / App

Flexible Appliance Form Factors

40+

Direct Surveillance Integrations

Microservices & Zero-Trust Brokering Control Plane



Application Web Services

Microservices providing Identity Access Management and Governance for authorized access to surveillance equipment, with MFA and external IdP integration via SAML and OAuth.

Access Control Web Proxy

Single point of access to surveillance equipment. Every user action — management and video streaming — is authorized at request time.

Real Time Video Streaming Proxy

Single point of access for video streaming requests. Only authorized users reach video streams, and only for a limited, pre-approved time period.

Background Services

Scheduled or on-demand camera discovery, password rotation on NVR/DVRs, new user account creation, and service account reconciliation.

camsecure Vault

Encrypted storage for master data — users, roles, surveillance equipment, passwords, device access rights, and user action audit data.

Video Streaming Analytics

On-demand, customisable analytics across use cases such as productivity monitoring, object detection and tracking/counting, and intruder detection.

GET IN TOUCH

Connect with us for a demo.

We'll walk you through camsecure on your own surveillance estate.

EMAIL

contact@taraone.ai

WEBSITE

www.taraone.ai

SALES

Sangram

PHONE

+91 90907 64321

**SURVEILLANCE
SECURITY ENGINEER**
Kumar

PHONE

+91 84801 36847

**SURVEILLANCE
ANALYTICS ENGINEER**
Hari

PHONE

+91 79857 86439