

Operational Intelligence & Data Governance for Network Cameras

Decouple encryption keys from stored video and telemetry to enforce hardware-rooted provenance, cell-level DLP masking, and clearance-aware AI.



Hardware Provenance

Native on-camera or PLC signing. Eliminates forged feeds and LAN sniffing.



Dynamic Cell DLP

Cryptographic cell masking. Reclassify historical data without re-encrypting.



AI Operational Insights

Clearance-bounded local reasoning and automated closed-loop response.



Sovereign Lifecycle

Instant cryptographic shredding across all media at key expiry.

70%

Infrastructure Savings

No forklift upgrades; runs on standard brokers.

10x

Compliance Velocity

Continuous cryptographic audit ledgers.

<.001¢

Telemetry Unit Cost

Cached key packets scale by time, not frames.

\$0

Data Blast Radius

Stolen time-series records yield zero plaintext.



Architecture: Native On-Camera or PLC · Zero-Trust Encryption Gateway · Clearance-Aware Events Agent

Compatible with standard MQTT, InfluxDB, and Grafana infrastructure.

