

# Audit & Evidence

## Tamper-evident records of physical infrastructure behavior.

QH8 observes, structures, and seals physical infrastructure behavior into reviewable operational evidence for critical assets.

Modern critical infrastructure operates under electrical, thermal, mechanical, and operational stress. Software logs, OEM dashboards, BMS records, and facility reports are useful, but they do not always prove how infrastructure behaved under real operating conditions.

### Turn physical infrastructure behavior into reviewable evidence.

#### Why It Matters

Infrastructure events often leave incomplete evidence. Transient power events, thermal drift, unstable load behavior, equipment stress, and physical-state anomalies may not appear clearly in ordinary logs or editable reports.

- Incident analysis
- Insurance review
- Warranty assessment
- Investor due diligence
- Infrastructure audit preparation
- SLA investigations
- EU-facing compliance documentation
- Lifecycle asset integrity review

#### Core Capabilities

##### Physical-Layer Observation

Observes power dynamics, thermal behavior, load instability, rate-of-change signals, boundary deviations, equipment stress, and physical-state anomalies.

##### Tamper-Evident Records

Structures observed behavior into timestamped integrity records with event chronology, telemetry context, policy status, and SHA-256 sealing where applicable.

##### Evidence Continuity

Preserves the chain from physical behavior to sealed record to final report.

##### Policy-Controlled Governance

Supports detection, alerting, boundary review, soft governance signals, evidence receipts, and approved response logic. Autonomous shutdown is not required.

[Request Evidence Review](#)

## Where It Applies

### AI Data Centers

Power behavior, thermal stress, transient events, load instability, SLA investigations, warranty discussions, and lifecycle asset integrity.

### Heavy Industry & Export Operations

Energy-use documentation, production-linked evidence, CBAM preparation, buyer review, investor diligence, and technical audit preparation.

### Commercial Real Estate & HVAC

HVAC operating review, energy-waste identification, mechanical stress indicators, contractor oversight, asset-performance review, and lender reporting.

### OT & Critical Infrastructure

Physical-state evidence to help teams compare reported digital states against observed infrastructure behavior.

**QH8 does not perform malware detection, intrusion prevention, threat attribution, or cybersecurity enforcement.**

## Designed for Production Environments

- Non-invasive observation
- Operator-controlled configuration
- Policy-driven operation
- Tamper-evident record generation
- Hardware-associated evidence where available
- No required access to source code, AI models, or proprietary software logic

QH8 complements OEM systems, BMS platforms, SCADA environments, OT-security tools, and compliance workflows. It does not replace them.

## Operational Notice

QH8 Audit & Evidence is a physical telemetry, monitoring, governance, and integrity-recording framework. It does not provide legal certification, regulatory approval, malware detection, intrusion prevention, transaction validation, threat attribution, or cybersecurity enforcement.

Integrity records generated by QH8 represent observations of physical infrastructure telemetry and related operational context. Interpretation, regulatory treatment, insurance use, warranty relevance, and legal admissibility may vary by jurisdiction, contract, organizational policy, and industry requirements.

All governance and response mechanisms must be configured by the system administrator or authorized operator. Organizations remain responsible for validating compatibility with OEM warranty terms, vendor policies, safety procedures, operational requirements, and applicable laws.

## Download Audit & Evidence Brief (PDF)

[QH8 Technologies | Physical-layer governance, telemetry analysis, and tamper-evident evidence support.](#)