

Qinsight Atlas

Cryptographic Posture Management for the Quantum Era

Atlas discovers your cryptography, preserves the evidence, and maps every key, certificate, algorithm and protocol to the systems that depend on it, so enterprises can prioritize risk and execute post-quantum migration.

THE PROBLEM

Cryptography used everywhere, visibility nowhere.

Every enterprise runs on cryptography: keys, certificates, algorithms, protocols, tokens and secrets woven through on premises, cloud workloads, source code, and the software supply chain. Yet most organizations have no unified view of where it lives or how it is configured.

The result is accumulated crypto debt: expired certificates causing outages, deprecated algorithms persisting in production, and quantum-vulnerable schemes protecting data that adversaries are already harvesting today. With PQC deadlines now dated, an inventory that shows which business services depend on which cryptography is no longer optional.

THE SOLUTION

One platform to discover, inventory, and analyze.

Qinsight Atlas delivers cryptographic visibility with minimal deployment friction. Scheduled or on-demand scanning, credentialed read-only integrations, CBOM import and offline capture analysis surface cryptography wherever it lives, without private-key extraction or agent sprawl.

Every observation is preserved with its provenance and normalized into a canonical data model: a relationship graph linking certificates, keys, algorithms and protocols to the endpoints, applications and owners that depend on them. CMDB context turns findings into priorities, including HNDL exposure; reports map to PCI-DSS, CNSA 2.0, and NIST.



USE CASES

- ▶ Accelerate PQC migration with an auditable CBOM and reporting on highest risks, including HNDL
- ▶ Eliminate crypto debt such as expired certs, weak keys, deprecated protocols
- ▶ Prevent outages caused by untracked certificates and unmanaged keys
- ▶ Support compliance reviews for PCI-DSS, HIPAA, CNSA 2.0, and NIST PQC guidance

KEY BENEFITS

- ✓ Complete visibility across cloud, on-prem, code, and the software supply chain
- ✓ One canonical, deduplicated inventory that repeated discovery keeps current
- ✓ Dependency mapping that shows blast radius, not just findings
- ✓ Context-aware prioritization via CMDB and asset enrichment (owner, environment, criticality)
- ✓ Audit-ready reports and evidence for compliance reviews

PLATFORM CAPABILITIES

Built for the full cryptographic lifecycle.

From discovery to remediation, Atlas is a unified platform to improve cryptographic posture and quantum readiness.

■ Cryptographic Discovery

Uncover deep-seated cryptography across networks, cloud key services, databases, source code, vaults, HSMs and security platforms. Scoped scanning, read-only integrations and CBOM import find what matters without agent sprawl.

■ Canonical Inventory & CBOM

Each observation keeps its provenance and is normalized into a canonical data model in a graph database, so repeated discovery updates the same objects instead of creating duplicates. CycloneDX CBOMs in and out.

■ Dependency Mapping & Risk Assessment

The relationship graph links certificates, keys, algorithms and protocols to the endpoints and applications that depend on them, revealing blast radius. Each object is evaluated against NIST standards for classical and quantum risk.

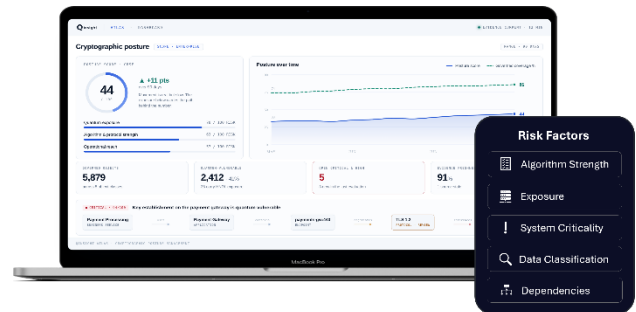
■ Remediation & Compliance

Atlas prioritizes remediation by observed condition, data lifetime, exposure and criticality, delivers guidance for approved change processes, and exports audit-ready reports mapped to PCI-DSS, HIPAA, CNSA 2.0, and NIST PQC guidance.

INTEGRATIONS

Connects to where your cryptography lives.

- ✓ Cloud key management: AWS KMS and Certificate Manager, Azure Key Vault, Google Cloud KMS
- ✓ Databases: PostgreSQL, MySQL, Microsoft SQL Server
- ✓ Vaults and HSMs: OpenBao-compatible vaults, Thales CipherTrust, Utimaco
- ✓ Network: TLS and SSH discovery, F5 BIG-IP, offline PCAP
- ✓ Code and supply chain: GitHub, CycloneDX CBOM in and out
- ✓ Enterprise context: ServiceNow CMDB, Armis, CrowdStrike



WHY QINSIGHT

Cryptographic visibility, engineered from day one.

Purpose-built for PQC

Designed from the ground up by cryptographers and experts in PKI and HSM estates to solve for PQC migration.

Works with your stack

Read-only integrations with your KMS, HSM, CMDB and CI/CD tools; SaaS or private deployment. No rip-and-replace.

Rapid time-to-value

Hybrid collection means meaningful discovery in hours, not months. No heavy agent rollout.

Evidence, not snapshots

One canonical record, refreshed by repeated discovery, with drift visible and every finding traced to its source.

Ready to see your cryptography?

Book a demo or start a pilot to see Atlas discover, inventory, and assess your entire cryptographic estate.

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