



Cryptographic Discovery & CBOM

Find every algorithm, key, certificate, and protocol — build your quantum-safe migration roadmap.

QCeuring CBOM provides multi-method cryptographic discovery across code, binaries, network traffic, cloud infrastructure, and runtime environments. Generate standards-based Cryptographic Bills of Materials, score quantum risk per asset, and create actionable PQC migration plans.

6+

DISCOVERY METHODS

5

ASSET TYPES

CycloneDX

OUTPUT FORMAT

100%

PQC READINESS

Key Capabilities



Multi-Method Discovery

Source code analysis, binary scanning, network traffic inspection, cloud KMS enumeration, container image scanning, and runtime tracing. No single blind spot.



Complete Asset Inventory

Discover algorithms, keys, certificates, protocols, AND cryptographic libraries. Full CBOM — not just a certificate list with a new label.



Quantum Risk Scoring

Per-asset quantum vulnerability classification (CRITICAL/HIGH/MEDIUM/LOW/NONE). Factors in algorithm type, data sensitivity, retention period, and HNDL exposure.



Standards-Based Output

CycloneDX CBOM v1.6+ format for interoperability with SBOM tools, GRC platforms, and auditors. Machine-readable and human-readable reports.



Policy & Compliance Evaluation

Pre-built profiles for CNSA 2.0, PCI DSS 4.0, FIPS 140-2/3, and NIST SP 800-131A. Continuous compliance monitoring with drift detection.

Discovery Coverage

- Source code (Java, Python, Go, C/C++, .NET, Rust)
- Compiled binaries and shared libraries
- Container images (Docker, OCI)
- Network traffic (passive TLS/SSH analysis)
- Cloud KMS (AWS, Azure, GCP)
- HSM inventories (PKCS#11)
- Configuration files (Nginx, Apache, IIS)
- Java KeyStores / Windows Cert Stores
- Active Directory Certificate Services
- Database encryption (TDE, column-level)
- SSH server/client configurations
- Runtime kernel crypto tracing (eBPF)

Use Cases

PQC Migration Planning

CNSA 2.0 Compliance

Crypto Agility Assessment

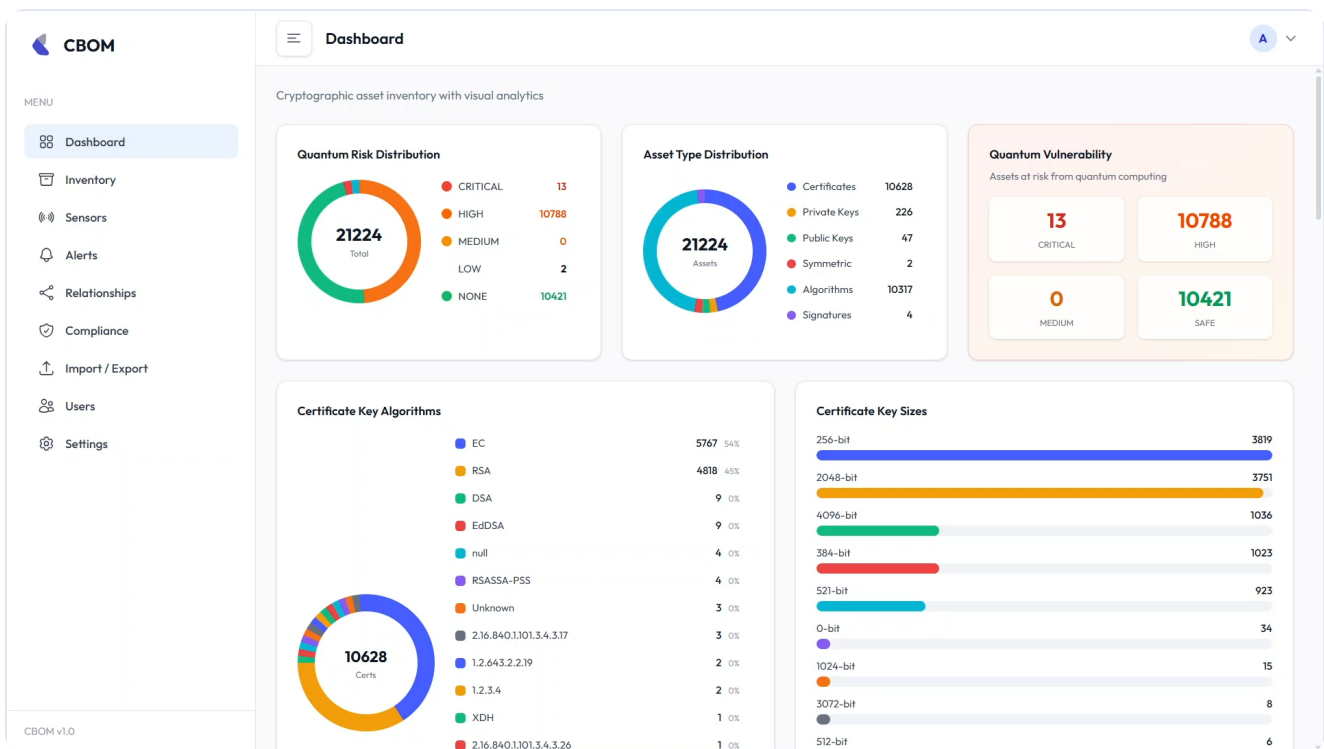
Supply Chain Crypto Audit

M&A Due Diligence

Regulatory Reporting

Deployment	SaaS, On-Premises, Hybrid, Air-Gapped
Output	CycloneDX CBOM v1.6+, JSON, PDF reports
Scanning	Continuous (scheduled) + on-demand
Remediation	Integrated with CLM, SSH KLM, Code Signing for automated fixes
Compliance	CNSA 2.0, PCI DSS 4.0, FIPS, NIST SP 800-131A, ISO 27001

Platform Preview



CBOM Discovery Dashboard — cryptographic asset inventory with quantum risk scoring, algorithm distribution, and compliance status.

See your entire cryptographic posture — and build your quantum-safe migration roadmap.

[Request a Demo](#)