

POST-QUANTUM CRYPTOGRAPHY

PQC Readiness Assessment

A cryptographic inventory of your environment, risk-graded against NIST post-quantum standards and mapped to a migration plan — so your data stays protected against harvest-now, decrypt-later threats before CNSA 2.0 deadlines become mandates.

2035

CNSA 2.0 DEADLINE

In-house

PQC SCANNER

CycloneDX

CBOM OUTPUT

Senior

PRACTITIONER-LED

What we assess

Certificates & transport

Every certificate, cipher suite, and TLS/VPN endpoint across your estate — what is negotiating, and with what.

Keys & signing

Signing chains, code-signing keys, KMS and HSM contents, and where key material actually lives.

Code & dependencies

Cryptographic libraries and hard-coded primitives in your own code and the packages it pulls in.

What you get

- ✓ Automated discovery of algorithms, keys, and certificates across your estate
- ✓ Cryptographic Bill of Materials (CBOM) in CycloneDX format
- ✓ Risk grading against NIST PQC standards and CNSA 2.0 timelines
- ✓ Harvest-now, decrypt-later exposure analysis for your long-lived data
- ✓ A migration roadmap sequenced by exposure, effort, and dependency order
- ✓ Plain-language report plus a technical appendix your engineers can work from

A good fit if

- ✓ You hold data that must stay confidential well past 2030 — health, financial, legal, or IP.
- ✓ You sell into government, defense, or regulated buyers who will ask about CNSA 2.0.
- ✓ Someone has asked you for a cryptographic inventory or CBOM and you cannot produce one.
- ✓ You want a sequenced migration plan you can budget and execute, not a vendor pitch.

How we engage

Fixed scope

A fixed-scope proposal at a fixed price. No hourly meter running.

Senior-led

The practitioner who scopes the work does the work and writes the report.

Plain language

One report your engineers and your board can both act on.

Our own tooling

Discovery runs on a scanner we build and maintain in-house.

How it works

- 1 Scope your environment, data-sensitivity profile, and secrecy horizons
- 2 Discover and inventory cryptography with our in-house scanner
- 3 Grade risk and model quantum exposure across the estate
- 4 Deliver a sequenced roadmap and walk it through with your teams

Probably not, if

- ✗ You want a certificate declaring you “quantum-safe” — no honest assessor can issue one.
- ✗ You are looking to buy a product; we assess and plan, we do not resell cryptography.
- ✗ Nothing you hold needs to stay confidential beyond a year or two.