

HARVEST NOW, DECRYPT LATER

Traffic recorded today can be read tomorrow. Know what is exposed.

Adversaries can store encrypted banking traffic now and decrypt it once a cryptographically relevant quantum computer exists. **QRP finds the quantum-vulnerable cryptography running on your network** in a single authorised scan, with no agents to deploy. It then delivers the cryptographic bill of materials (CBOM) that every post-quantum migration starts with.

THE CLOCK ALREADY RUNNING

2030 RSA and elliptic-curve algorithms deprecated

2035 The same algorithms disallowed entirely

NIST IR 8547, initial public draft. Data you must keep confidential past these dates is already in scope.

What QRP reads from each endpoint

ILLUSTRATIVE CBOM EXTRACT · NOT CLIENT DATA

SYSTEM	ENDPOINT	PROTOCOL	KEY EXCHANGE	CERTIFICATE KEY	STATUS
Internet banking	10.20.4.11 · 443	TLS 1.2	ECDHE secp256r1	RSA-2048	● Quantum-vulnerable
Payments switch	10.20.8.30 · 8443	TLS 1.0	RSA key transport	RSA-1024 / SHA-1	● Classically broken
Core banking admin	10.20.1.5 · 22	SSH-2.0	curve25519-sha256	ssh-ed25519	● Quantum-vulnerable
Open banking API	10.20.6.14 · 443	TLS 1.3	X25519MLKEM768	ECDSA P-256	● Hybrid PQC
● Classically broken ● Quantum-vulnerable ● Reduced strength (Grover) ● Hybrid PQC ● Quantum-resistant					

Agentless discovery

QRP reads **TLS and SSH** on every authorised address: versions, full cipher-suite lists, key exchange including hybrid ML-KEM, and certificate chains. Nothing is installed on your servers.

A CBOM your auditors can use

A **PDF report, Excel workbook and CycloneDX 1.6 CBOM**, tied together by one serial number and SHA-256 hash. Every figure traces back to the scan.

Systems, not just IP addresses

Map endpoints to your **banking systems**, classify them by criticality and data lifetime, and see which systems must migrate first.

Proof of progress

Re-scan and **compare against your baseline**: improved, regressed or unchanged. A host that did not answer is never counted as fixed.

Regulatory mapping

Rule packs for **NIST IR 8547 and CNSA 2.0**, the **EU PQC roadmap and NIS2**, and **Saudi NCA / SAMA**, combined in one scan.

Passive capture, too

Import a **pcap or pcapng** file, or capture live with Windows' built-in tool. No third-party drivers, and an OT-safe mode for fragile devices.

Built to pass your own security review

- ◆ **Runs on-premise.** No cloud, no telemetry, no data leaves the bank.
- ◆ **Full audit trail.** Every connection allowed or refused is logged.
- ◆ **Honest coverage.** Every report states what was and wasn't reached.
- ◆ **Written authorisation first.** Nothing outside the approved scope is contacted.
- ◆ **Encrypted local store.** Findings are held in an AES-256 encrypted database.
- ◆ **Deterministic rules.** Transparent classification, not a black box.

FREE TRIAL LICENCE · GUIDED BY OUR CONSULTANTS

Try QRP free on your own network.

1 Request a trial

Email us or scan the code. We reply within one business day.

2 Install and activate

Install on a Windows 10/11 laptop and send us its Machine ID. We issue your licence.

3 Scan and review

Scan an authorised scope. We walk your team through the first CBOM report.



SCAN TO REQUEST

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