

Your quantum-safe journey, in four clear steps

Attackers can harvest encrypted data today and decrypt it once quantum computers mature. Northdoor uses IBM Quantum Safe technology to show you exactly where you are exposed, then moves you, step by step, to post-quantum cryptography.

c. 12 years

average time to complete a full migration (IBM Institute for Business Value)

2028

NCSC milestone: discovery complete and a migration plan in place

2035

NCSC target for completing migration to post-quantum cryptography

How we take you there

Powered by IBM Quantum Safe and IBM Guardium

01 Discover and inventory

We find every algorithm, key and certificate across your code and infrastructure and build your Cryptography Bill of Materials (CBOM).

IBM Quantum Safe Explorer · Guardium Cryptography Manager

You get: a complete view of your exposure

02 Assess and comply

We rank each exposure by the sensitivity and shelf life of the data it protects, and test it against DORA, NIS2 and your own policies.

IBM Guardium Quantum Safe

You get: a prioritised risk register and roadmap

03 Manage lifecycle

We bring keys and certificates under central, automated control, so algorithms can be changed quickly and safely.

Guardium Cryptography Manager · Guardium Key Lifecycle Manager

You get: one point of control for cryptography

04 Protect and adapt

We pilot and roll out post-quantum and hybrid cryptography, starting with your most valuable long-life data.

IBM Quantum Safe Remediator

You get: a crypto-agile estate, ready for new standards

Start small, then scale

Phase 1 · steps 1 and 2

Readiness Assessment

CBOM, risk register, board readout and initial roadmap.

Phase 2 · steps 3 and 4

Remediation programme

Lifecycle platform, proven pilot and a prioritised rollout.

Phase 3 · ongoing

Managed crypto-agility

Continuous scanning, posture reporting, key and certificate operations.

 **IBM Gold Business Partner**

 **Three decades governing and protecting data**

 **Deep IBM Power, storage and hybrid cloud skills**

 **Managed security services to run it for you**

