

POST-QUANTUM CRYPTOGRAPHY

RESULTS FROM PONEMON’S GLOBAL STUDY ON QUANTUM PREPAREDNESS

As quantum computing advances, IT professionals face the challenge of preparing for attacks that can easily break today’s strongest encryption technologies. Post-Quantum Cryptography (PQC) can protect data and assets from quantum threats, but as Ponemon found, IT professionals around the world are looking for solutions to issues like awareness, resources, and organizational policy gaps.

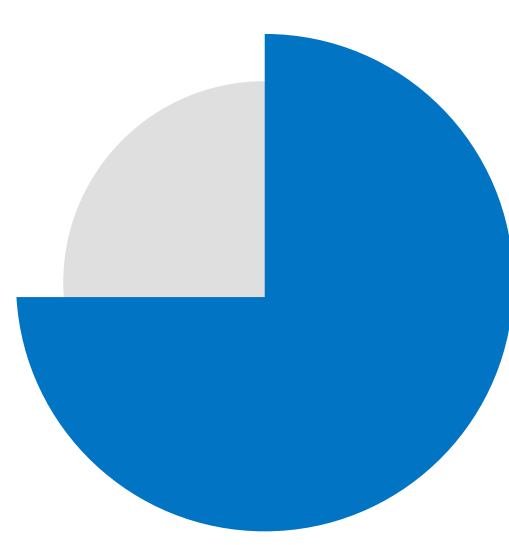
BIG PICTURE



1,426 Total IT and IT security practitioners surveyed



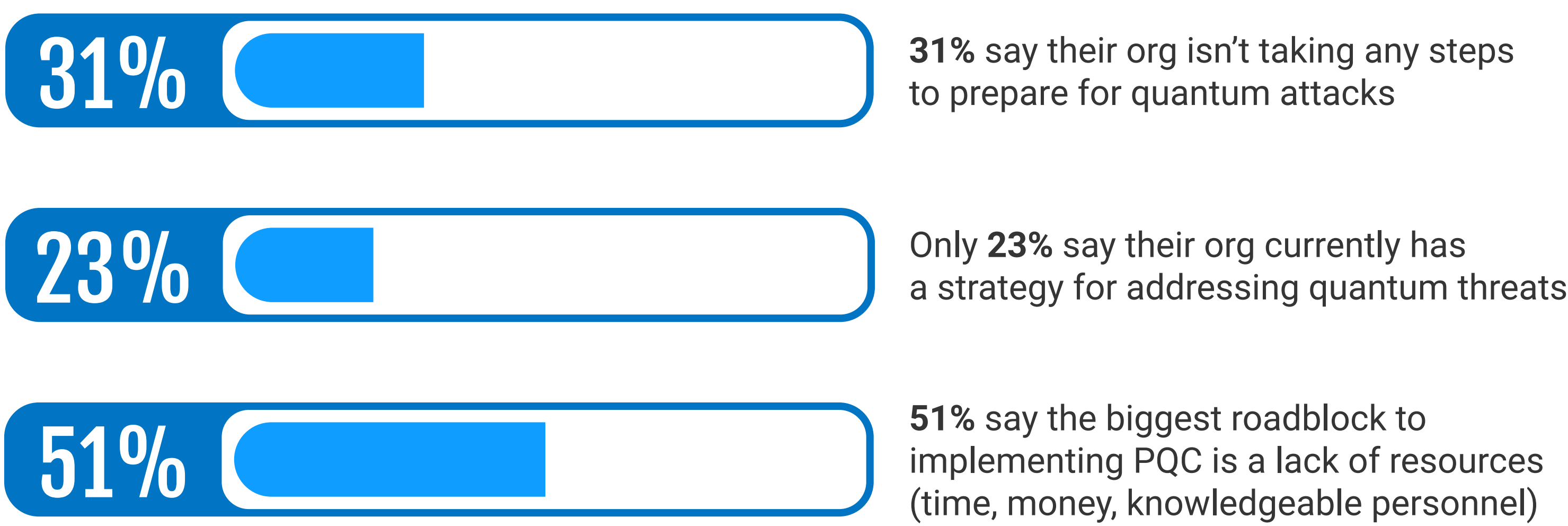
61% concerned their org won't be prepared to address quantum threats



74% concerned about “Harvest Now, Decrypt Later”

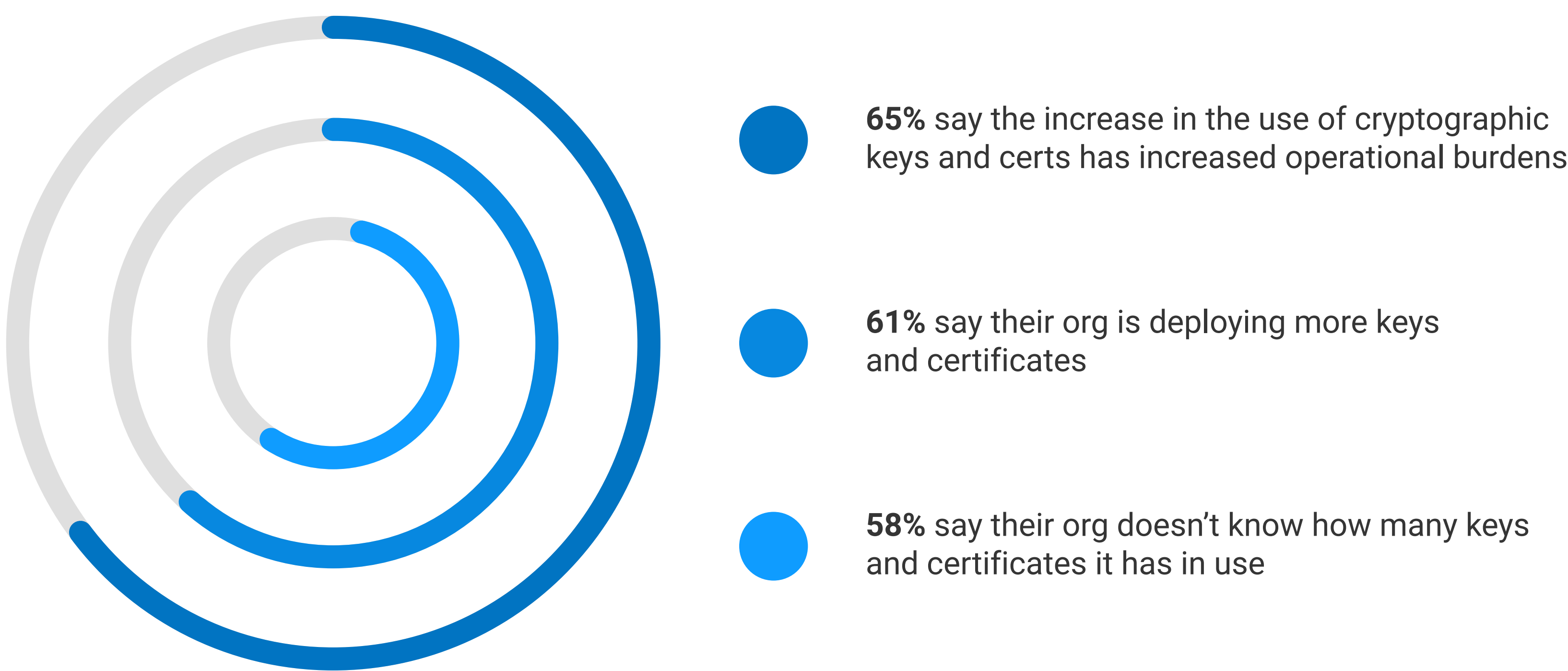
ROADBLOCKS

Most IT professionals are aware of the dangers of quantum threats, but the process of building and running quantum security is challenged by organizational awareness and buy-in.



CRYPTO-ASSET VISIBILITY & MANAGEMENT

Cybersecurity experts agree the first step in implementing effective PQC is inventorying all crypto-assets in the organization.



TAKEAWAYS

- 1 Now is the time to define your transition to quantum-safe.
- 2 Organizations need to assign clear ownership of PQC implementation.
- 3 Investing in cryptographic agility today is critical.

[See the full study here.](#)

WANT TO LEARN MORE ABOUT HOW TO PREPARE FOR THE QUANTUM-SAFE TRANSITION?

[READ STUDY](#)