

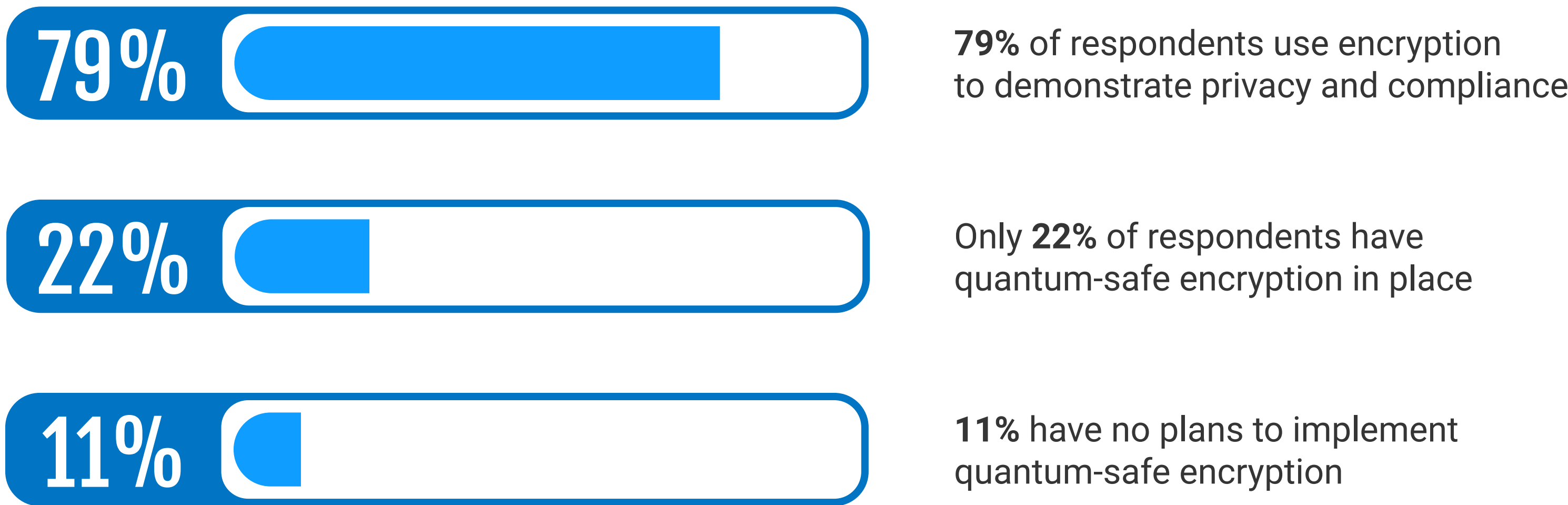
MODERN ENCRYPTION FOR MODERN BUSINESSES

Key findings from the IDC white paper



Encryption is the main form of security for digital businesses. But as more and more organizations move their operations online, can encryption keep up? DigiCert partnered with IDC to find out.

BIG PICTURE



WHY IT MATTERS

- Quantum Threats**
Quantum computing will break the encryption algorithms currently protecting many digital businesses' data.
- Increasing Connections**
Hybrid and multicloud infrastructures are becoming more common, making the growing number of certificates protecting them harder to manage.
- Certificate Sprawl**
More connection points are coming from more places, and the lack of a unified view makes managing an organization's cryptographic processes nearly impossible.
- Lack of Resources**
The responsibility of managing the cryptography process often falls to IT staff, most of whom are either overburdened or undertrained—or in many cases, both.

THE SOLUTION

PKI modernization and crypto-agility make it easier to automate the discovery, provisioning, and management of the hundreds of thousands of digital certificates most enterprises have in play on any given day, with major benefits like:



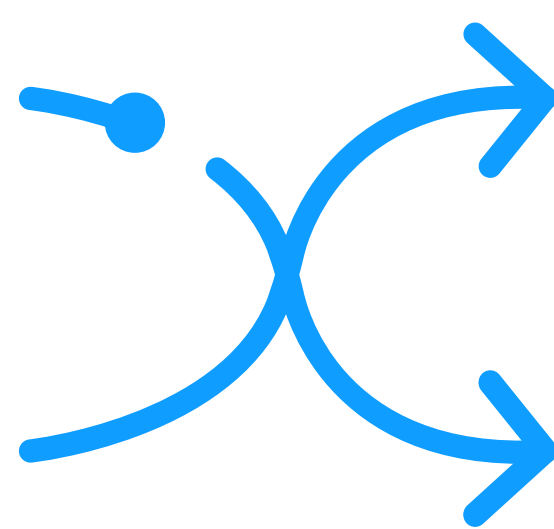
Time Savings

IT and security teams spend less time managing certificates and mitigating outages.



Improved Compliance

Fewer outages and security vulnerabilities mean fewer compliance concerns.



Workplace Flexibility

Scalable authentication allows employees to securely work how and where they want.

WHERE TO START



Discovery

Crypto-agility starts with uncovering, cataloging, and provisioning your organization's cryptographic assets, including every public and private certificate.



Management

An agile crypto environment brings private and public PKIs together and consolidates certificate lifecycle management into one central dashboard.



Automation

Automating certificate workflows and access privileges takes the burden of manual management off overworked crypto teams.

WANT TO LEARN HOW TO MODERNIZE YOUR PKI TO MEET CRYPTO-AGILITY DEMANDS?

[GET IDC PAPER](#)