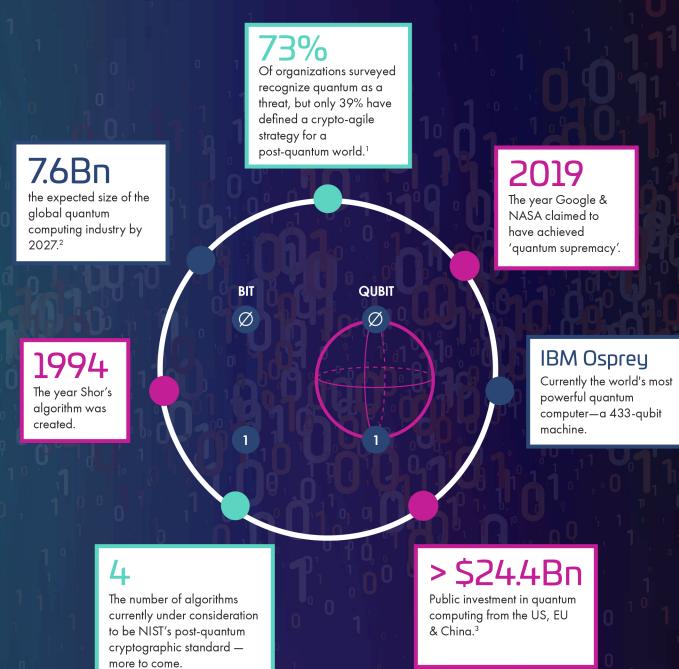
# Quantum-safe security

Quantum computers will have the power to change the cybersecurity landscape, rendering today's encryption standards useless.

What will security look like in the post-quantum era?



# Quantum computing facts



- <sup>1</sup> TechTarget Security Weaknesses in Data in Motion Identified in Cybersecurity Survey <sup>2</sup> IDC Forecasts Worldwide Quantum Computing Market to Grow to \$7.6 Billion in 2027
- <sup>3</sup> McKinsey A Quantum Revolution: Report on Global Policies for Quantum Technology

## 20 Years Of Quantum computing growth

To mark the 20 year anniversary of quantum computing, CB Insights assembled a list of organizations that produced quantum computing systems between 1998 and 2019.



<sup>2</sup> CB Insights

### Implementing an encryption solution that is agile by design ensures sensitive data remains secure, long into the future.

Future-proof cryptography



The steps to quantum-safe security

Organizations must ensure their encryption solutions are fit-for-purpose as the quantum age looms.







Post-Quantum Crypto Agility

Risk Assessment Tool



hardware encryption

