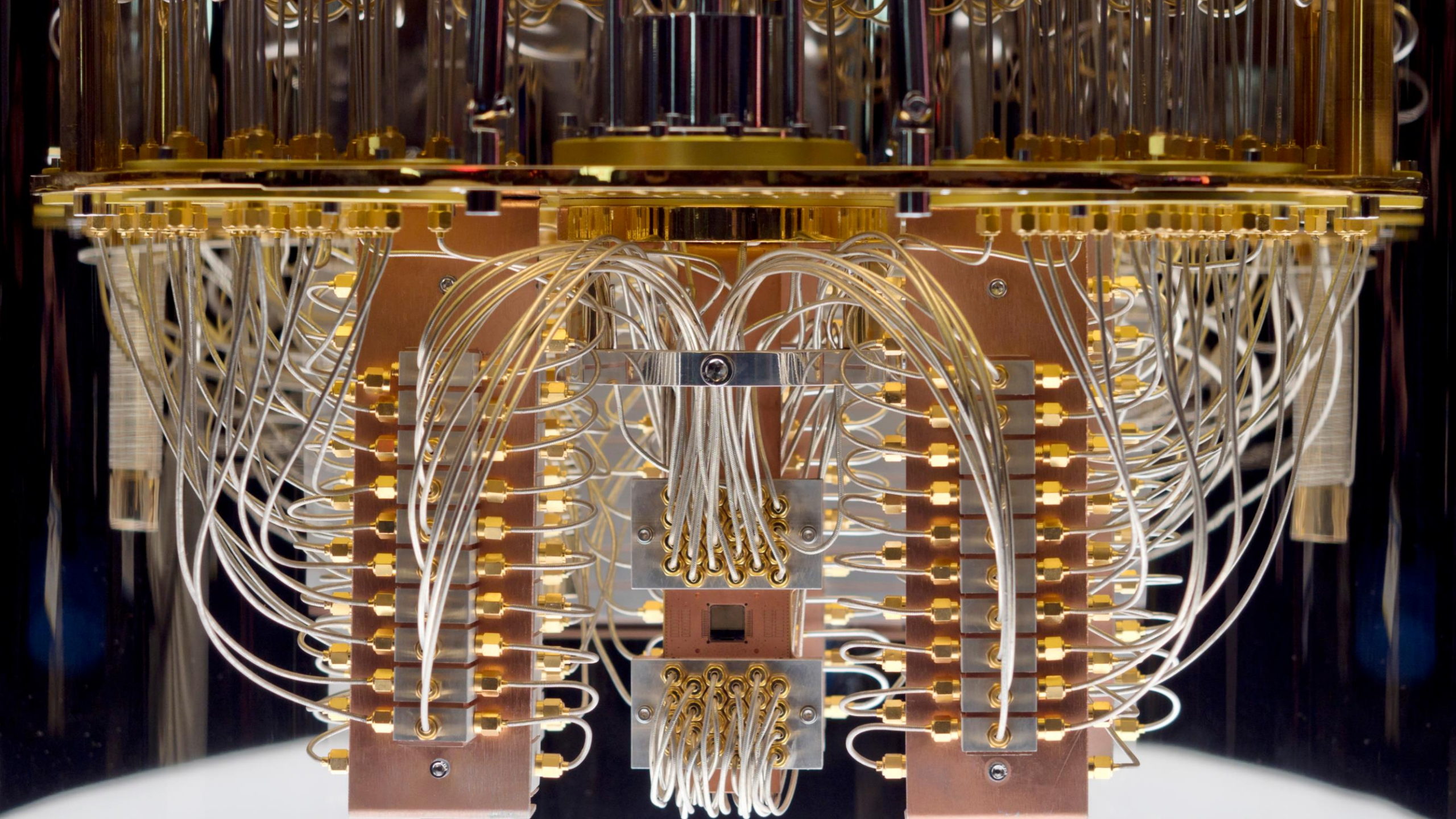


Quantum Is Coming for Your Supply Chain: 3 Actions You Need to Take, Now

Danny Thompson
Chief Solutions Officer



A Leader in the

2026 Gartner® Magic Quadrant™ for Supplier Risk Management Solutions

Gartner, Magic Quadrant for Supplier Risk Management Solutions, Martin Shreffler, Cheryl Van Dyke, Cian Curtin, 4 May 2026.
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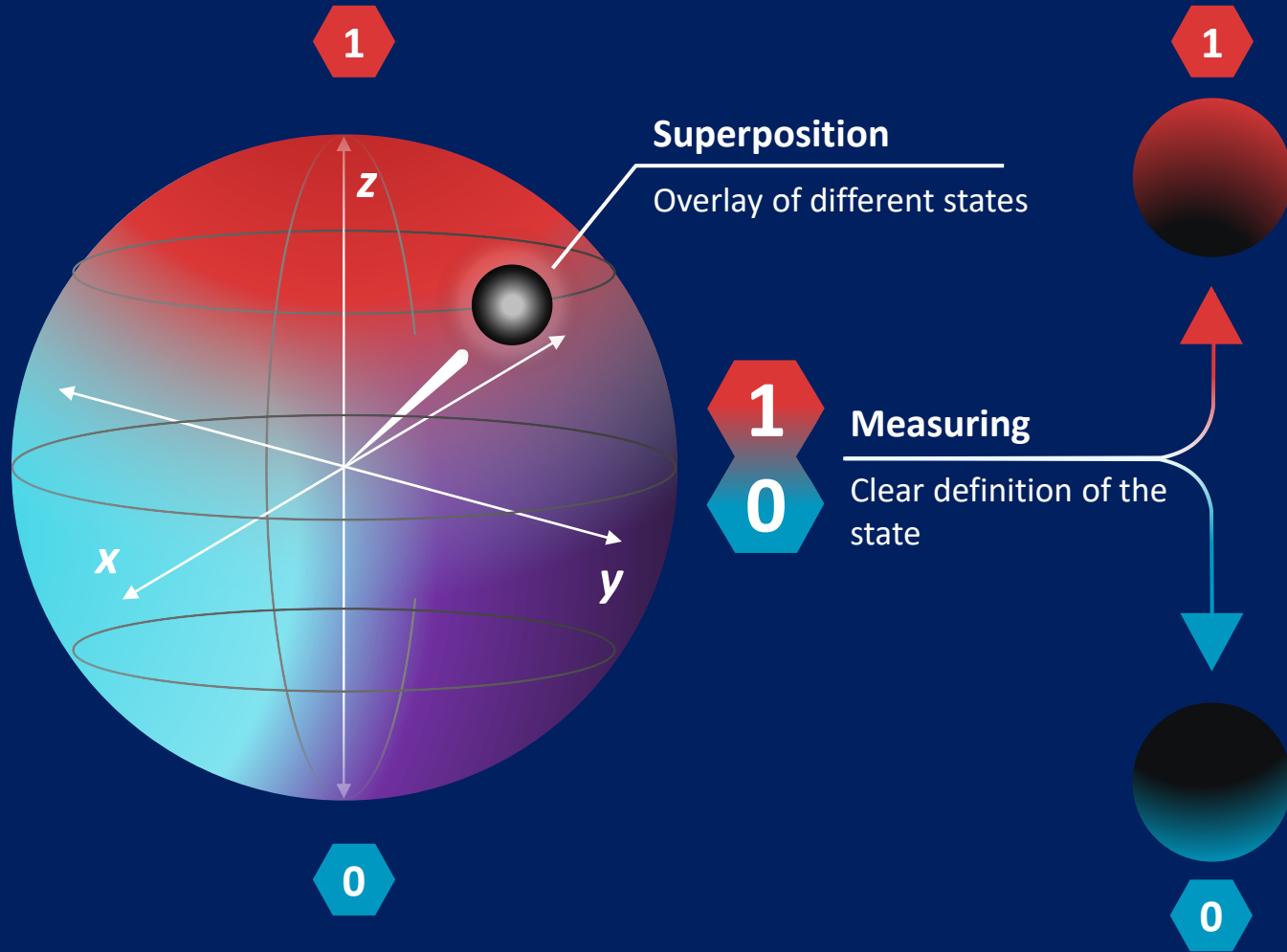
Classical Bit

Binary



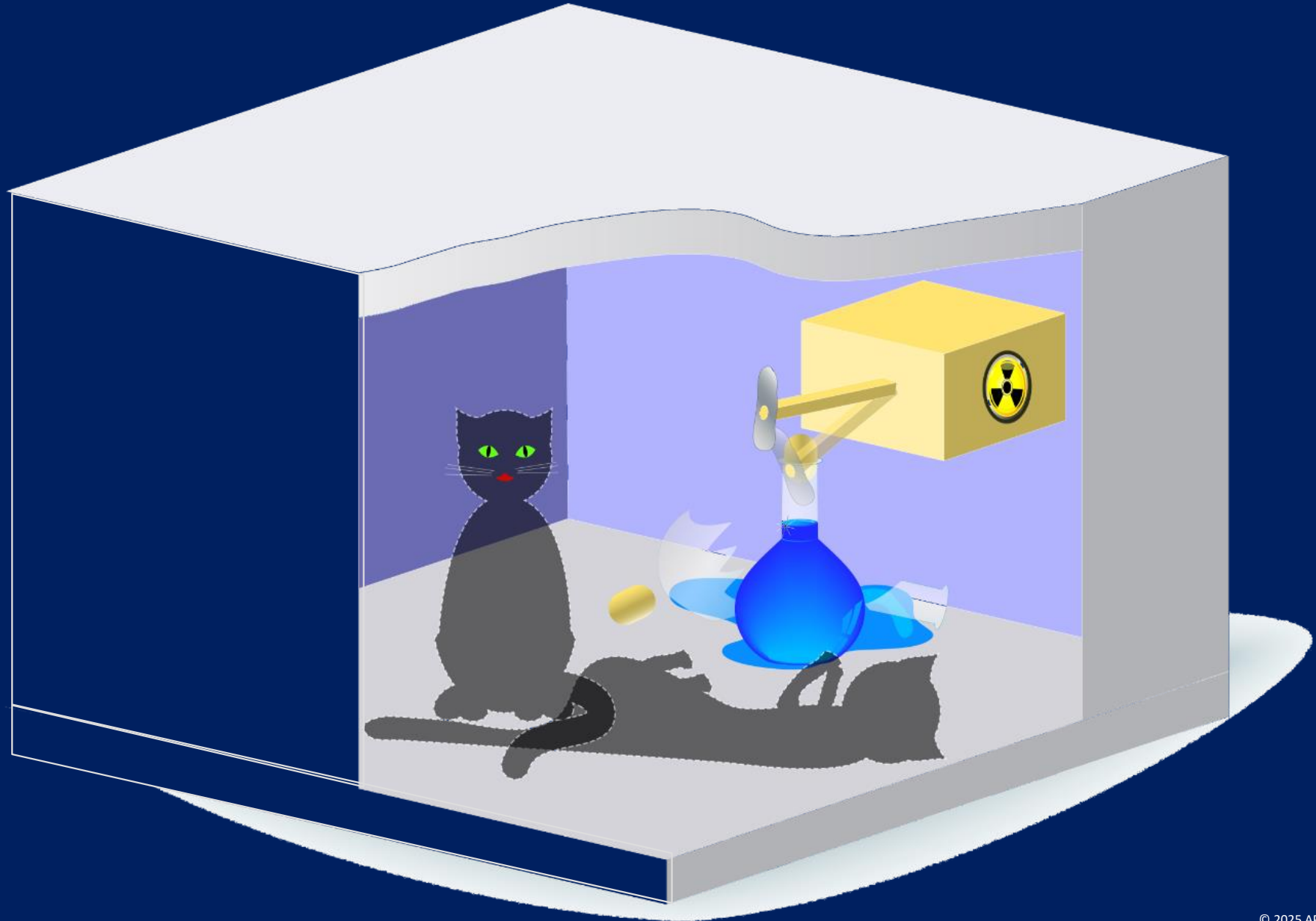
Quantum Bit

Infinitely possibilities...



Massive amounts of data can be handled in plausible time, for good and bad.

Schrödinger's Cat



The Bright Side of Quantum Computing in Risk Management

**Earlier detection
of potential disruptions**

**Powerful
scenario modeling to
accurately assess
potential impact**

**Discovery of optimal
mitigation plans**

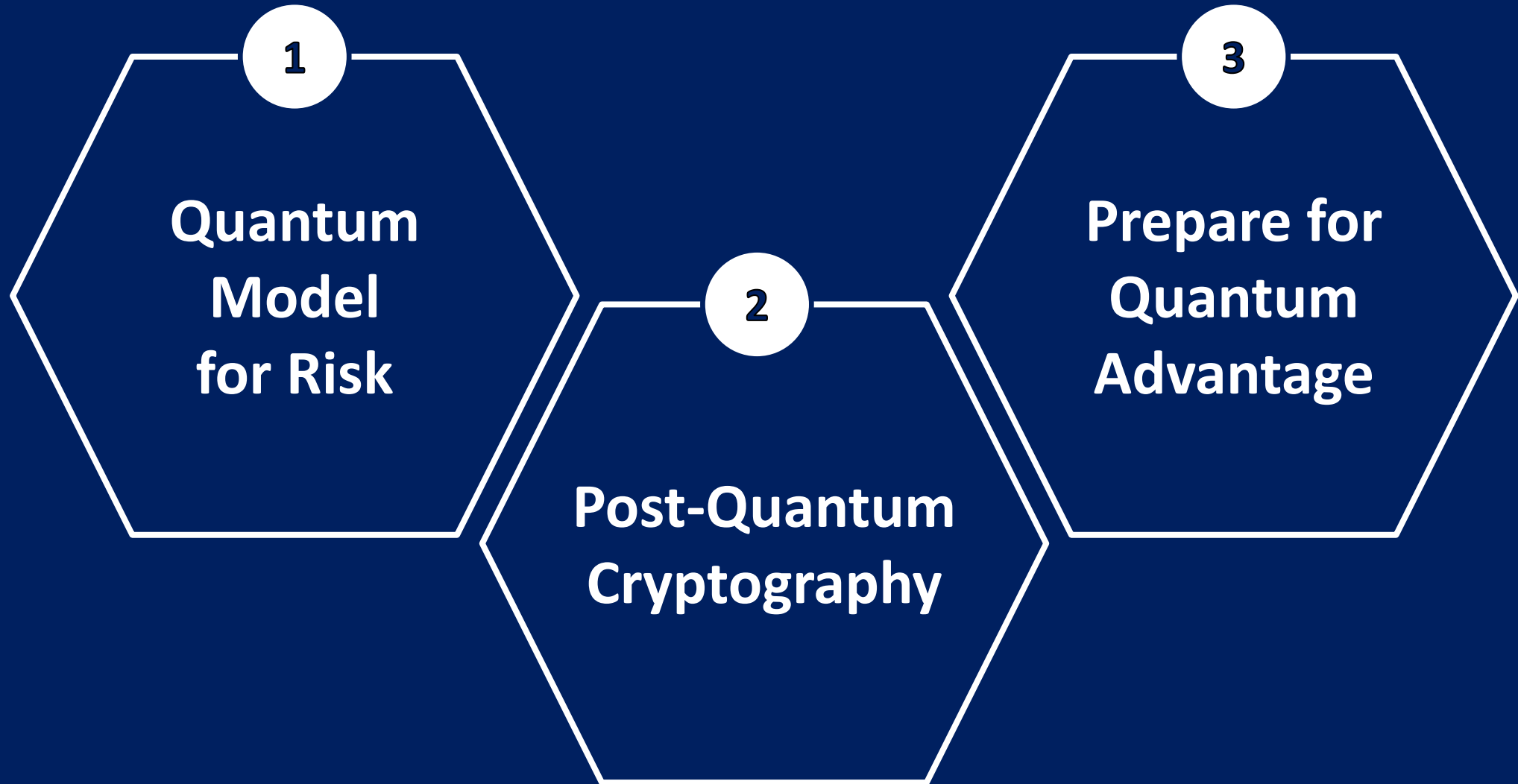
(There is a dark side, as well.)

The Dark Side

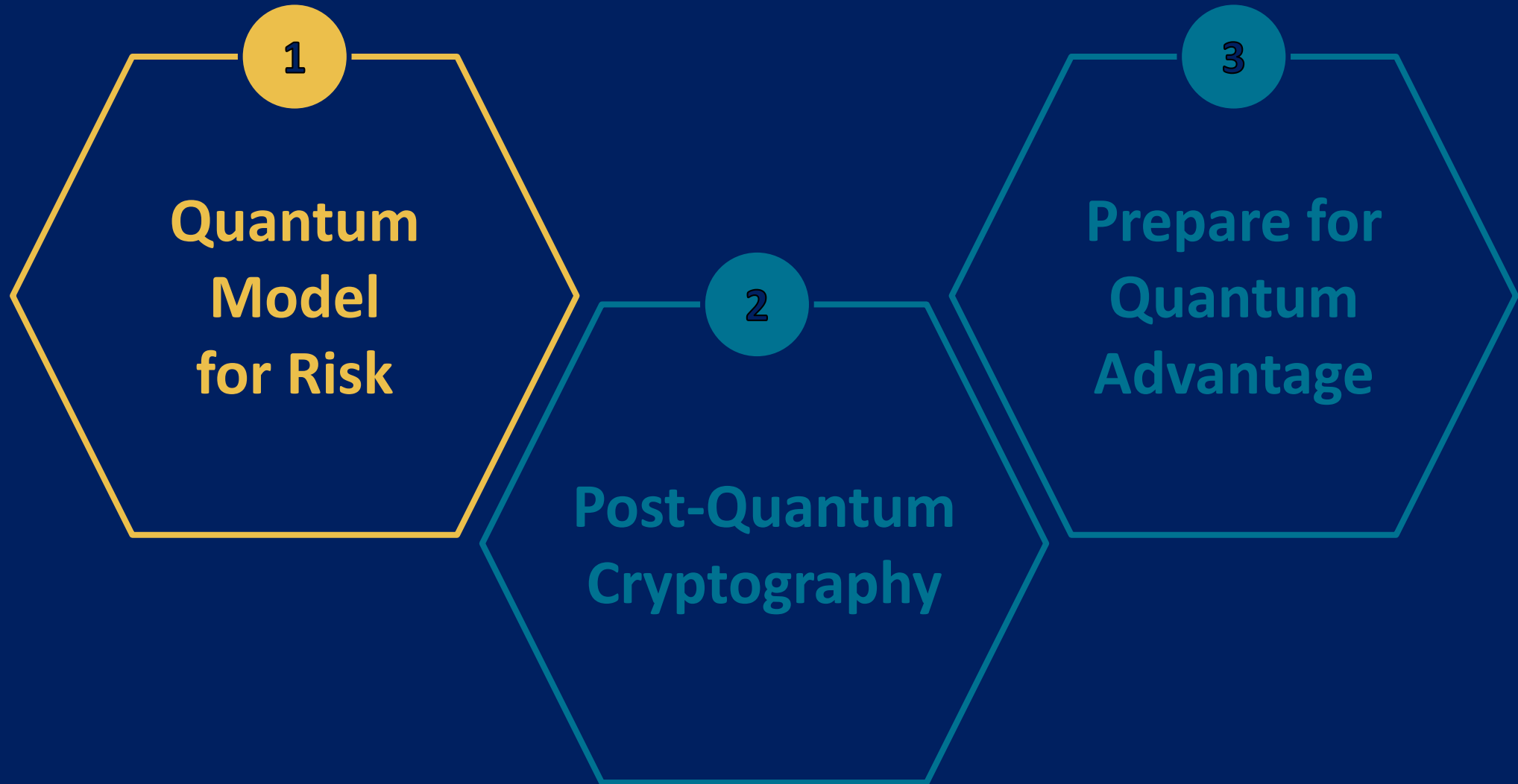
3 years	Data encryption models used by most organizations is rendered “unsafe”
+4 years	Data encryption is fully breakable

Gartner: Top Cybersecurity Trends Report.

Three Things to Do About Quantum



Three Things to Do About Quantum



Classical Bit

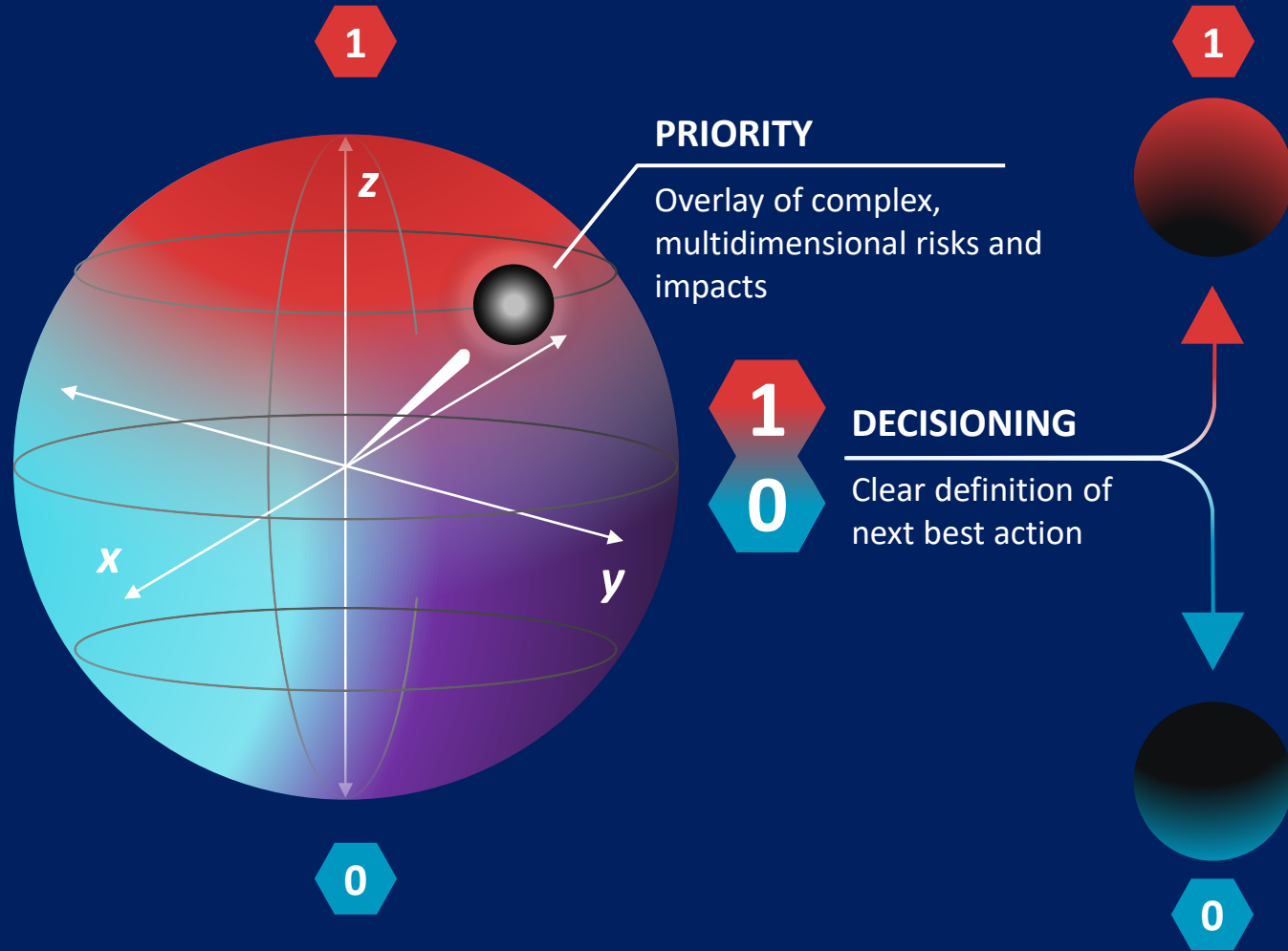
Every signal requires

action



Quantum Bit

Risk evaluated in context - Complex, multifactor, outcome aware

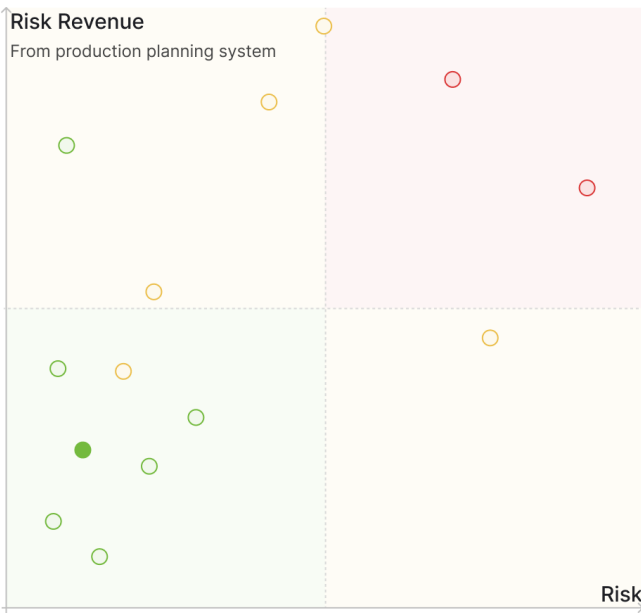


- Home
- Inquiry
- Discovery
- Suppliers
- Tasks
- Risk
- Report
- Administration
- Help

Risk Map

Engagement Risk **Risk Revenue**

By Product By Geography By Customer

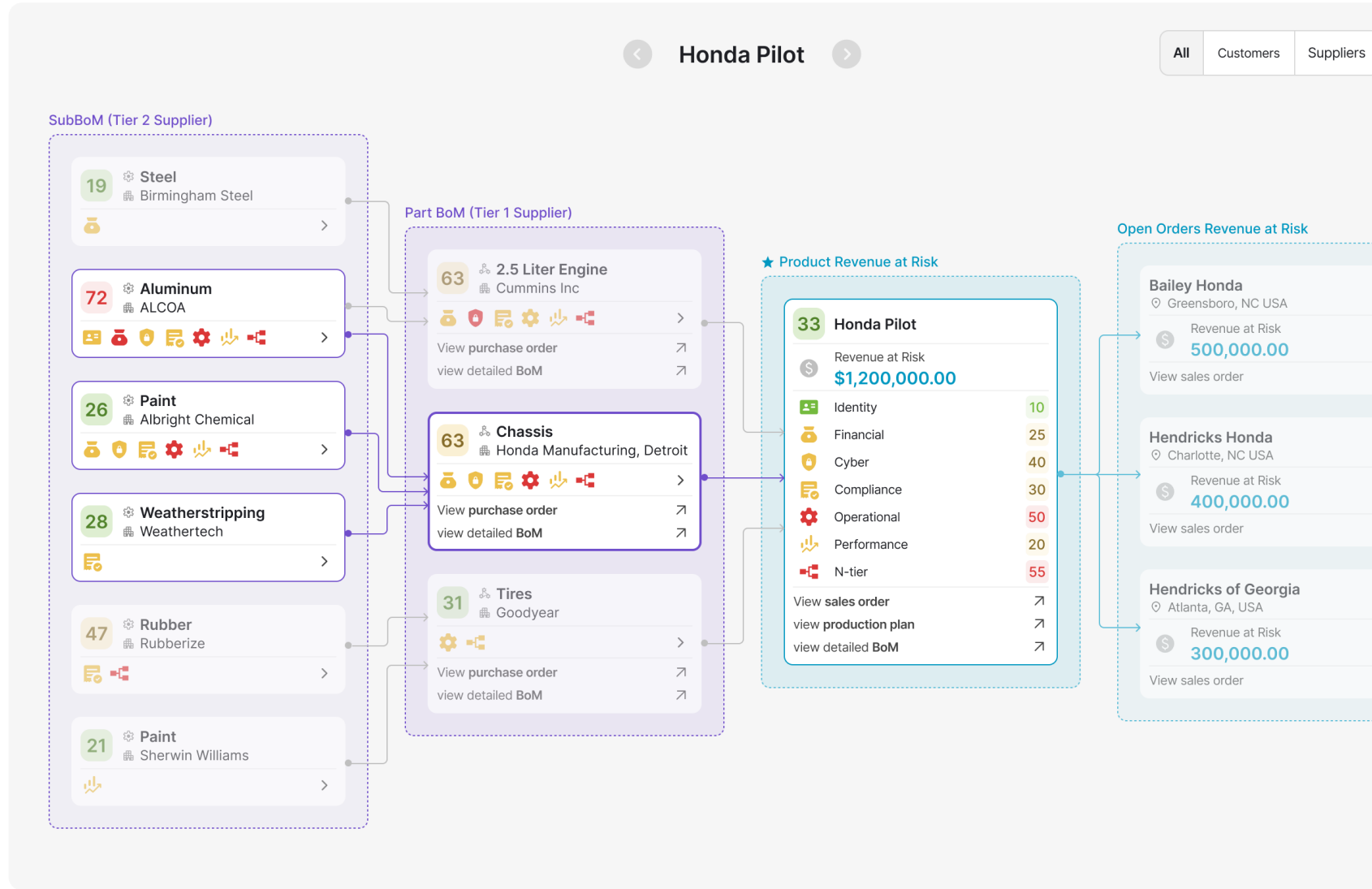


Honda Pilot Priority 8

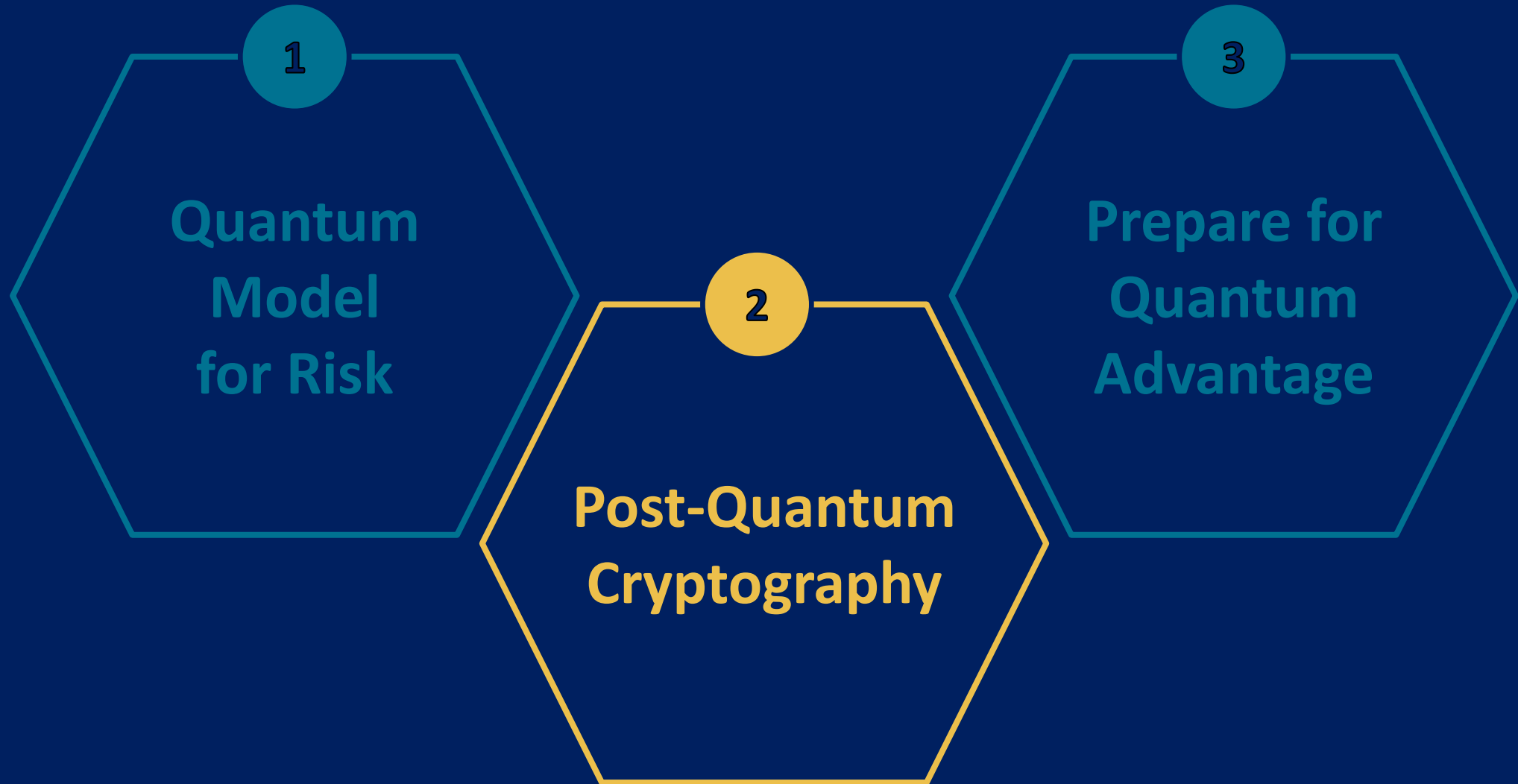
33 Revenue at Risk \$1,200,000.00 Number of Customer 3

AI Summary

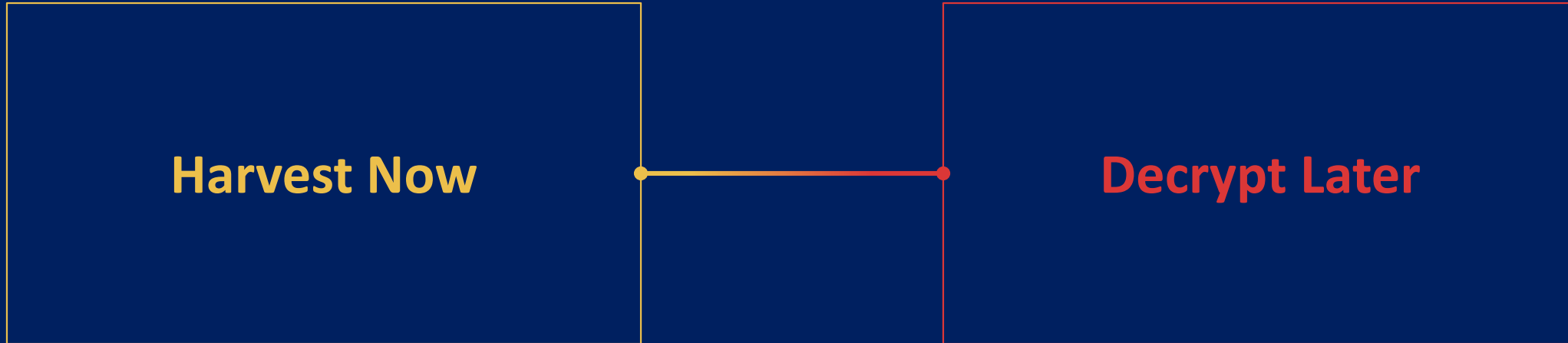
- Upstream material risks—especially Aluminum from ALCOA—flow through multiple tiered components and create downstream exposure.
- Critical assemblies affected include the 2.5L engine, chassis, and tires, each contributing to system-level vulnerability.
- These component dependencies place \$1.2M in Honda Pilot product revenue at risk.



Three Things to Do About Quantum



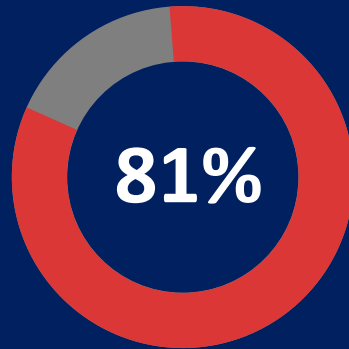
The Attack Is Already Underway



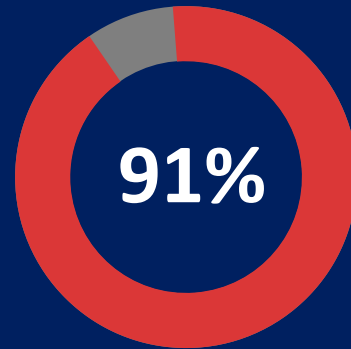
- Long-term supplier contracts & pricing
- Logistics routes & partner API credentials
- M&A and strategic sourcing plans
- Trade finance & customs documentation
- Demand forecasting models
- Proprietary product specifications & IP

Quantum Readiness

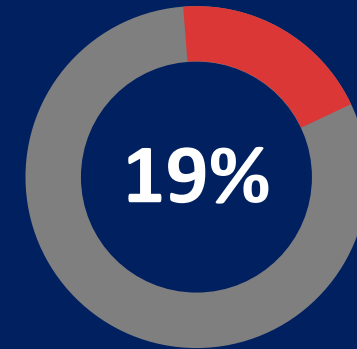
Is your data encryption strong enough to prevent quantum-powered decryption?



**not ready
for migration to
new models**



**companies have
no roadmap**



**have set
near-term
maturity goals**

TCG State of PQC Readiness Report, Nov 2025. | IBM IBV & Cloud Security Alliance, 'Secure the Post-Quantum Future,' Oct 2025

Quantum Readiness

NIST FIPS 203 / 204 / 205

Finalized 13 August 2024

The global gold standard.
adopted by US, UK, Canada,
Germany, Australia.

Post-Quantum Cryptography (PQC)
quantum-resistant or quantum-safe encryption

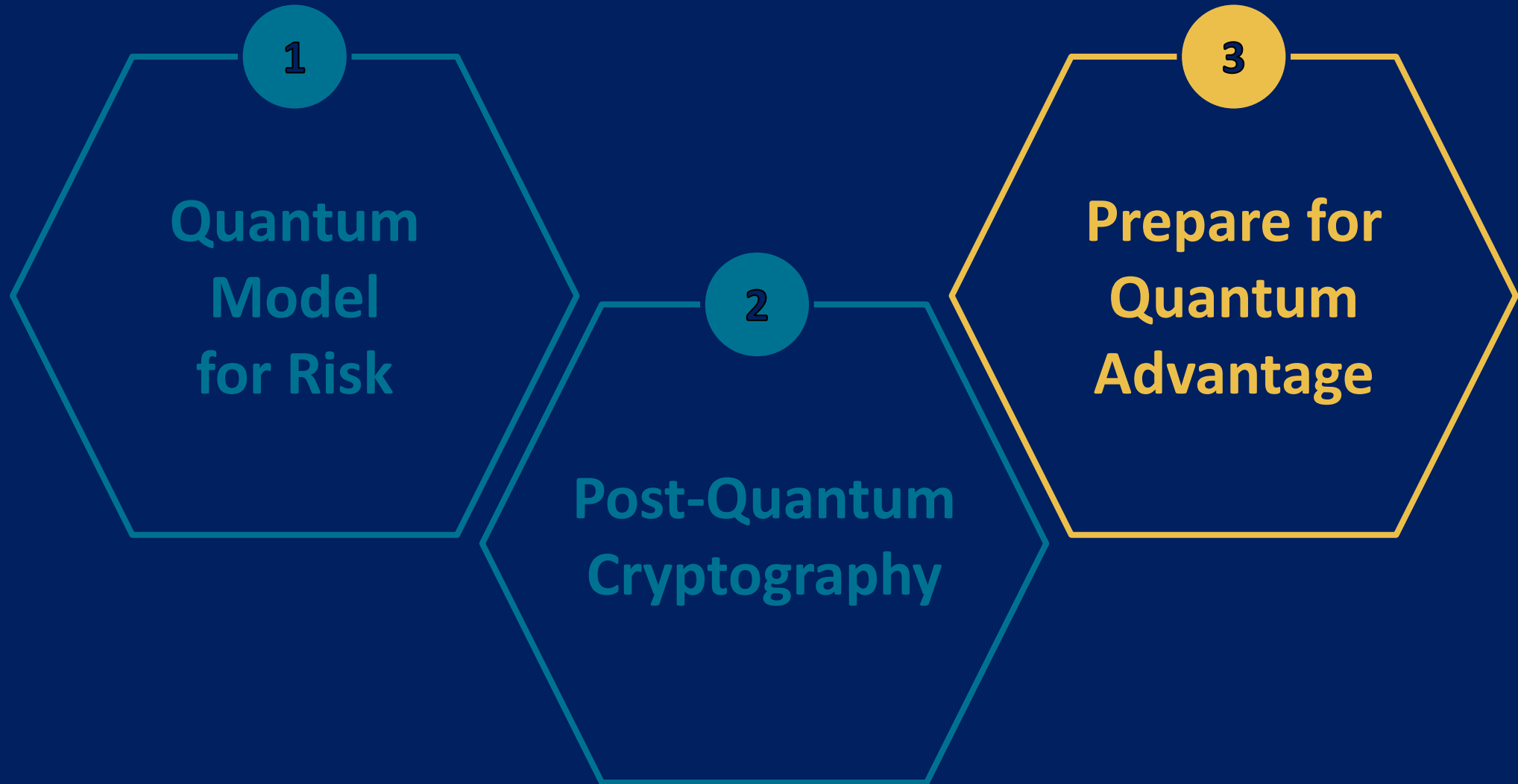
For IT, OT and Third-Parties

**Understand your
exposure
(cryptographic
inventory)**

**Create a
migration
roadmap**

**Track migration
plans through to
completion**

What is Quantum?



Embed Risk Directly Into Supply Chain Workflows

- API integration
- Process mining
- Decision intelligence

QubitOn™

Enterprise Data Intelligence Platform

APIs, SDKs, MCP tools, integrations, and AI agent connectors.

Validate and enrich your business data through code, AI workflows, our built-in AI assistant, or directly from ChatGPT, Claude, Gemini, Grok, and Copilot.

[Get Started Free](#)

[View API Docs](#)

70+ APIs across 6 categories

Enterprise-grade data validation and enrichment covering every dimension of third-party risk.



Address Validation

15+ APIs

Cleanse and validate addresses across 250+ countries with postal authority data.



Tax ID Validation

12+ APIs

Verify tax identifiers (EIN, TIN, VAT, GST) against government registries worldwide.



Bank Account Verification

10+ APIs

Validate IBAN, ABA, SWIFT/BIC codes and account ownership across 110 countries.



Business Registration

8+ APIs

Confirm entity existence, status, and details from official business registries.



Data Enrichment

14+ APIs

Geocoding, census tracts, NAICS/SIC codes, and firmographic data appending.



Risk & Compliance

11+ APIs

Sanctions screening, PEP checks, adverse media, and composite risk scoring.

AI Assistants

Use QubitOn directly in your favorite AI assistant



Claude

Native MCP server with 40 validation and enrichment tools

MCP Server

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ChatGPT

Custom GPT with Actions for data validation

Custom GPT

[View Guide](#) → [Docs](#) ↗



Microsoft Copilot

Declarative agent plugin for Microsoft 365 Copilot

Plugin

[View Guide](#) → [Docs](#) ↗



Google Gemini

Function calling integration for Gemini models

Functions

[View Guide](#) → [Docs](#) ↗

How apexanalytix helps



**NIST-Standard
Quantum-Safe Encryption**

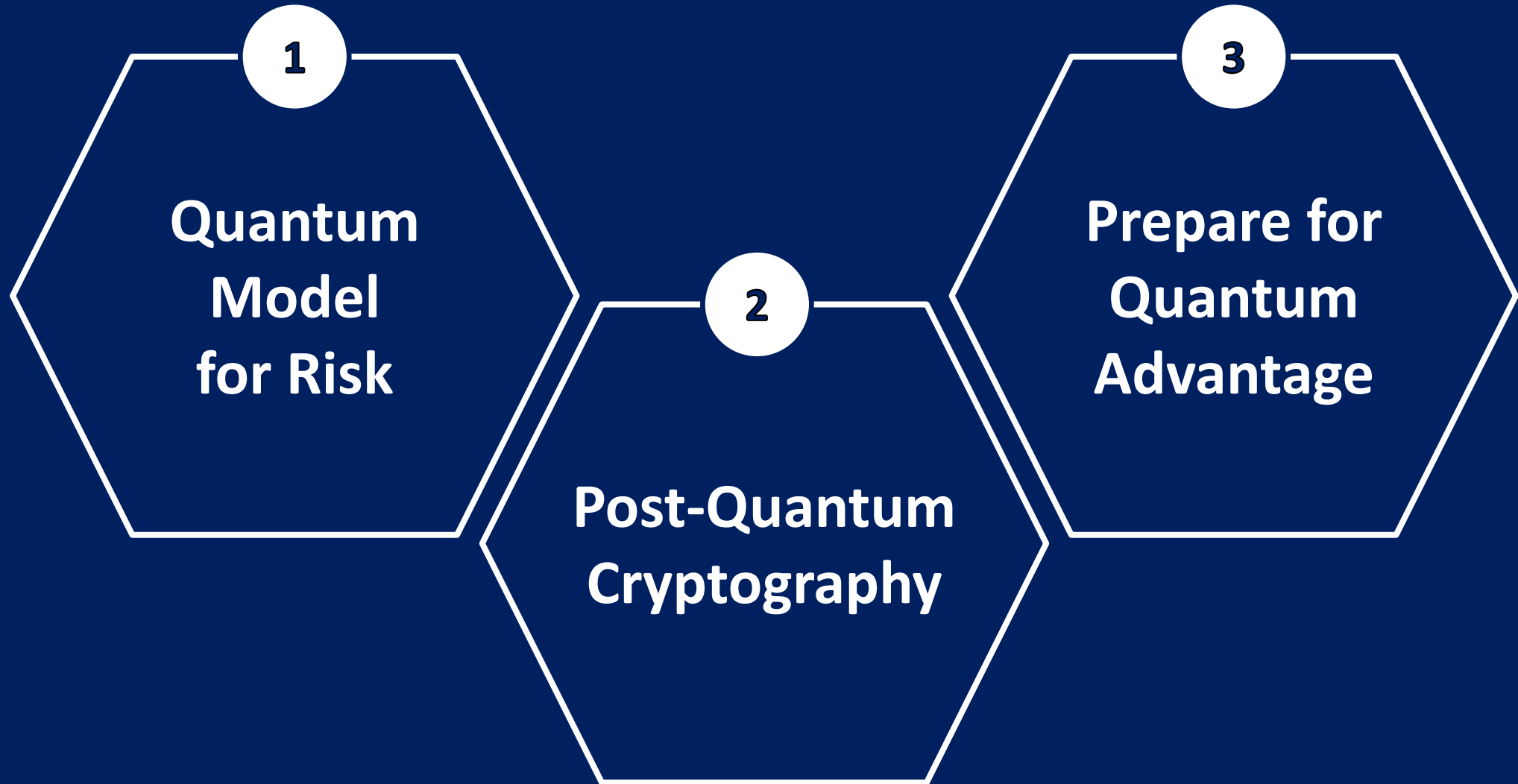


**Supplier Quantum Mitigation Plan Capture, LLM-powered Scoring,
and Collaborative Mitigation Plan Management**



Powered by Quantum Computing
to consume huge data sets, with complex business rules, and derive autonomous output/actions in milliseconds. Test environment procured; resources dedicated.

Three Things to Do About Quantum



Schedule a demo
and receive a €100 gift card

Booth #121

