



QuCypher

Post-Quantum Cybersecurity Consulting

Trusted By The Global 2000

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01 Executive Summary



Global Cyber Security Problems and Growing Challenges

Evolving Threats

Regulations lag in providing timely guidelines as cyber threats rapidly evolve in the era of quantum computing and AI. Despite ongoing breaches, there is no clear and efficient path to achieving successful security outcomes.

Competitive Technologies

Hundreds of competing technologies focused on point solutions that are business driven and lack efficacy and comprehensive approach to cyber security.

Solution Providers

Business models typically unable to support a wholistic approach with expertise at every level to continuously adapt and offer best of breed solutions to clients and fail to deliver true value.

Marginal Outcomes

Project success is isolated to specific use cases and rarely in concert with a broader, more comprehensive security strategy that would be more secure while staying adaptable at scale.

Unrealized Value

Project planning and value assessment is often miscalculated or miscommunicated to the leadership, resulting in reduced support and lack of sponsorship to further mature the program to its full potential expected value.

Lapsed Deadlines

Lack of proper and resilient project strategy and planning combined with limited expertise and the limited required resources to run the program often cause missed project deadlines that are very costly.



Perspective:

In today's digital landscape, increasingly sophisticated cyber threats often outpace organization's fragmented, isolated security solutions. This piecemeal approach results in outdated, insufficient defenses against growing threats and high operational costs due to incompatible and inflexible measures. To counter these challenges, a holistic, modernized, and fully integrated security framework is essential for robust protection and greater efficiency against emerging threats in the modern AI and Quantum age.

Commitment:

To provide a Center of Excellence comprised of industry leaders with hands-on experience solving enterprise-scale security problems to help deliver modern security frameworks and solutions to mitigate critical security gaps that are often overlooked due to existing fragmented approach. Our comprehensive strategies bridge these gaps by integrating top-tier, adaptable enterprise strategies and solutions sets into a cohesive security framework, ensuring organizations are protected against current threats and equipped to adapt to future challenges.

Mission:

We strive to enable our clients with next-generation and future proof foundational security strategy, best practices, and next-Gen solutions that help foster adaptable resilience while bolstering security protocols multiple steps ahead of cyber criminals in pre and post quantum age.




Trusted Partner in Scalable Quantum-Safe Security!

QuCypher



Trusted by Fortune 2000 organizations, our specialized consulting solutions and services leverage decades of experience working side by side cybersecurity leaders and best of breed technology partners to deliver successful next-generation cybersecurity outcomes while mitigating against today's significant cyber threats and staying resilient against tomorrow's growing challenges.




U.S.A
Los Angeles (HQ)




20+ Years
Domain Expertise




Fortune 2000
Clients




100+ Successful
Engagements



Enterprise Scale
Solutions



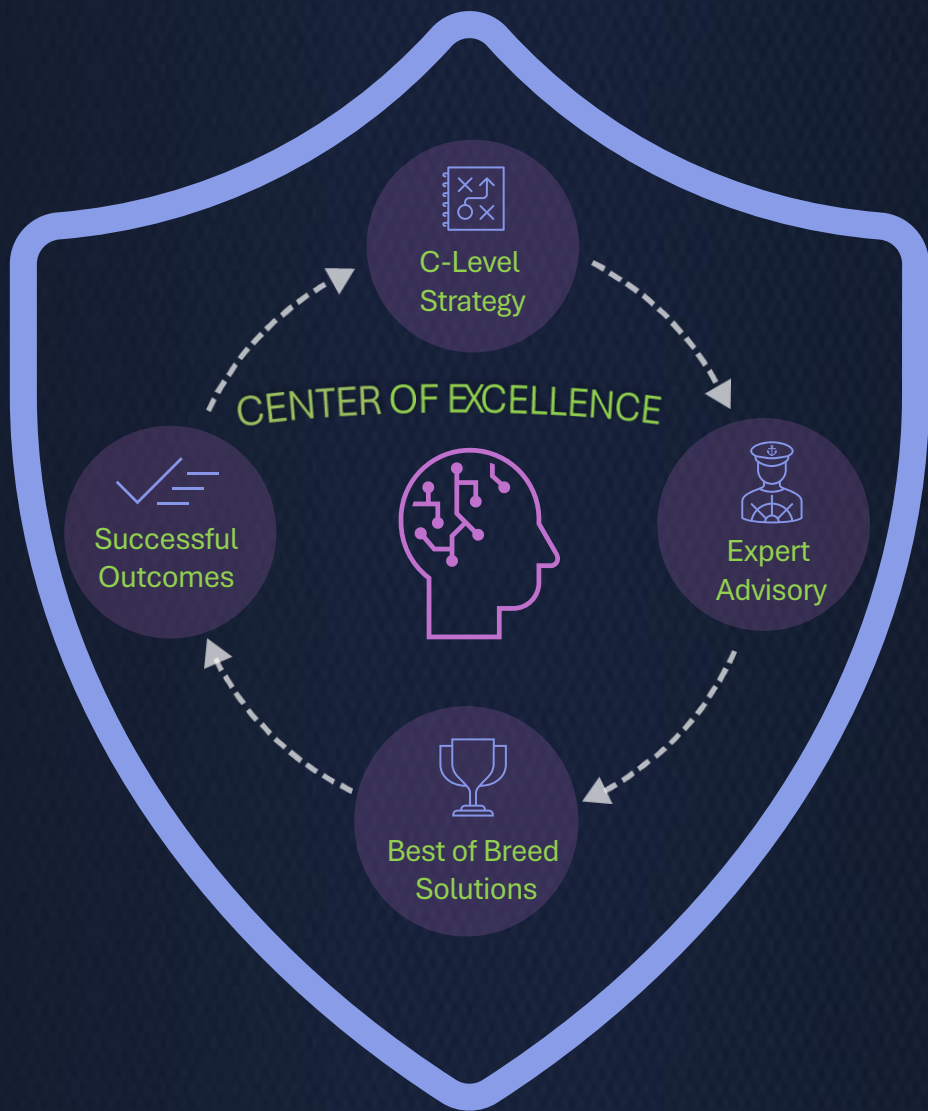
Best of Breed
Technologies



Comprehensive
Outcomes



Future Proof
Partnership



“Security is not a product, but a process.”



- ❖ CISO Consortium Community
- ❖ Enterprise Security Assessment
- ❖ Security Strategy Blueprint
- ❖ Value Assessment & Budgeting
- ❖ Business Audit & Compliance

Executive Advisory

Enterprise Security Practices

- ❖ Post-Quantum Resilience
- ❖ Expert Specialty Practices
- ❖ Enterprise Integration & Deployment
- ❖ Security Training Academy

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- ❖ Solution Design & Validation
- ❖ Vendor Agnostic Evaluation
- ❖ Technology Selection & Sourcing
- ❖ Expert Support & Training
- ❖ Strategic Tech Partnerships

“Best of Breed” Solutions & Technologies

Program Management Services

- ❖ Managed Program Services
- ❖ Success Management Services
- ❖ Virtual CISO
- ❖ Specialized Staff Augmentation
- ❖ Domain Expert Recruitment



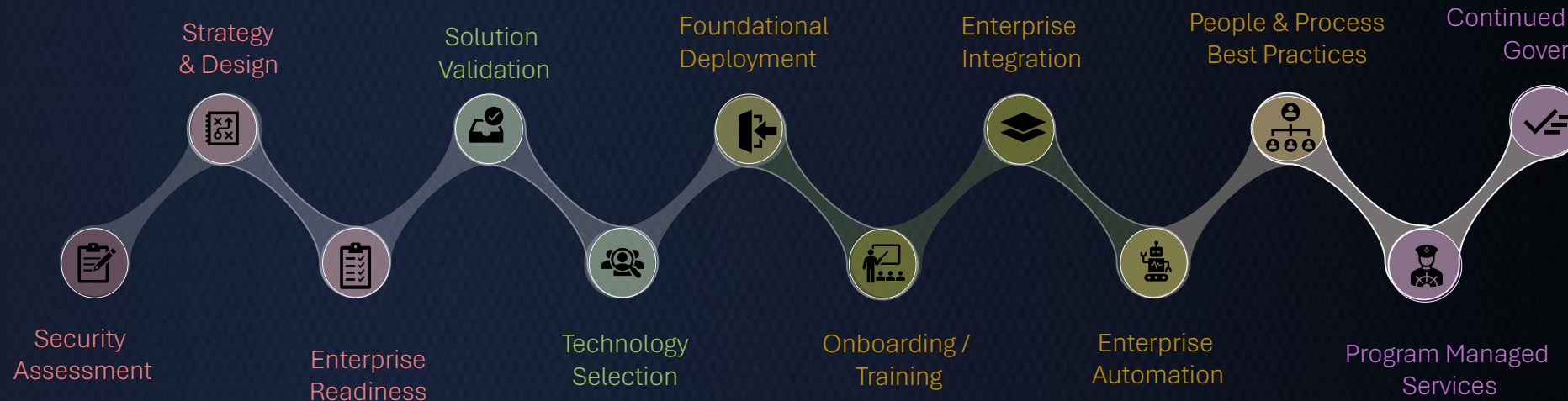
Program Success Roadmap

QuCypher



“Offering deep-domain expertise combined with Fortune-2000 enterprise proven solutions and methodologies across various critical security programs enable our clients to achieve comprehensive and successful security outcomes with shortest time to value while future proofing their security posture in the quantum era “

Ron Grammy, Founder / CEO





Executive Leadership

- ✓ CISO Community Membership
- ✓ Security Strategy Update Briefs
- ✓ C-Level Reporting & Analysis
- ✓ C- Level Value Analysis
- ✓ C-Level Audit Services
- ✓ Strategic Planning & Budgeting

Security / Compliance

- ✓ Comprehensive Visibility & Monitoring
- ✓ Centralized Policy Enforcement
- ✓ Zero Trust Enterprise Security Strategy
- ✓ Automate for Resilience & Efficiency
- ✓ Streamline Policy Audit & Compliance
- ✓ Quantum Proof Security Best Practices
- ✓ Vendor Risk Management & Audit

IT Infrastructure

- ✓ Dynamic and Adaptable Workflows
- ✓ Operational Efficiency via Automation
- ✓ Decentralized Self-Service Architecture
- ✓ Embedded Security Workstreams
- ✓ AI Security Agents
- ✓ Streamline People & Process
- ✓ Program Continuity and Scalability

Organizational

- ✓ Post-Quantum Readiness
- ✓ Prevent Costly Breach & Outage
- ✓ Improve Efficiency at Enterprise Scale
- ✓ Significant People & Process Savings
- ✓ Specialty Human Resource Recruitment
- ✓ Secure Onboarding Technology / Teams
- ✓ Staff Training & Augmentation

MISSION



Global 2000 Clients

QuCypher

We solve the most critical cyber security problems for the most security conscious global 2000 organizations needing adaptable, resilient and best of breed technology solutions to protect against the growing cyber security threats in the quantum age.

Industries :

- Finance / Banking
- Healthcare
- Technology
- Manufacturing
- Retail
- Energy & Utilities
- Transportation
- Telecom
- Oil & Gas
- Infrastructure
- Pharma & Life Sciences
- Logistics
- Insurance
- Aerospace
- Government
- Public Sector

5 of 5 top U.S. Airlines

5 of 5 top U.S. Health Insurers

3 of 5 top U.S. Retailers

3 of 5 top Accounting / Consulting Firms

4 of 5 top Payment Card Issuers

4 of 5 top U.S., U.K., AU and S. African Banks

02 Advisory Services



03 Specialty Practices



CENTER OF EXCELLENCE

Quantum-Safe Data Protection

- Data at Rest & In Motion Encryption
- Enterprise Key Management
- Data Masking & Tokenization
- Encryption as-a-Service

Identity & Access Management

- User & Machine Identity Management
- Multi-Factor Authentication & Biometrics
- Electronic Know Your Customer (eKYC)
- Endpoint / IoT Protection

SecDevOps

- Centralized Code Signing Operations
- Test-Dev Environment Security
- Security Embedded Fast Workstreams
- Decentralized Self-Service Security

Digital Transformation

- Zero Trust Enterprise Security
- Multi-Cloud Migration & Security
- Next-Gen Network Security
- Modernize People & Process

Disaster Recovery & Response

- Malware / Ransomware Protection
- Recovery Strategy & Architecture
- Automated Response Workflow
- Penetration Testing & Audit

Security Operation Automation

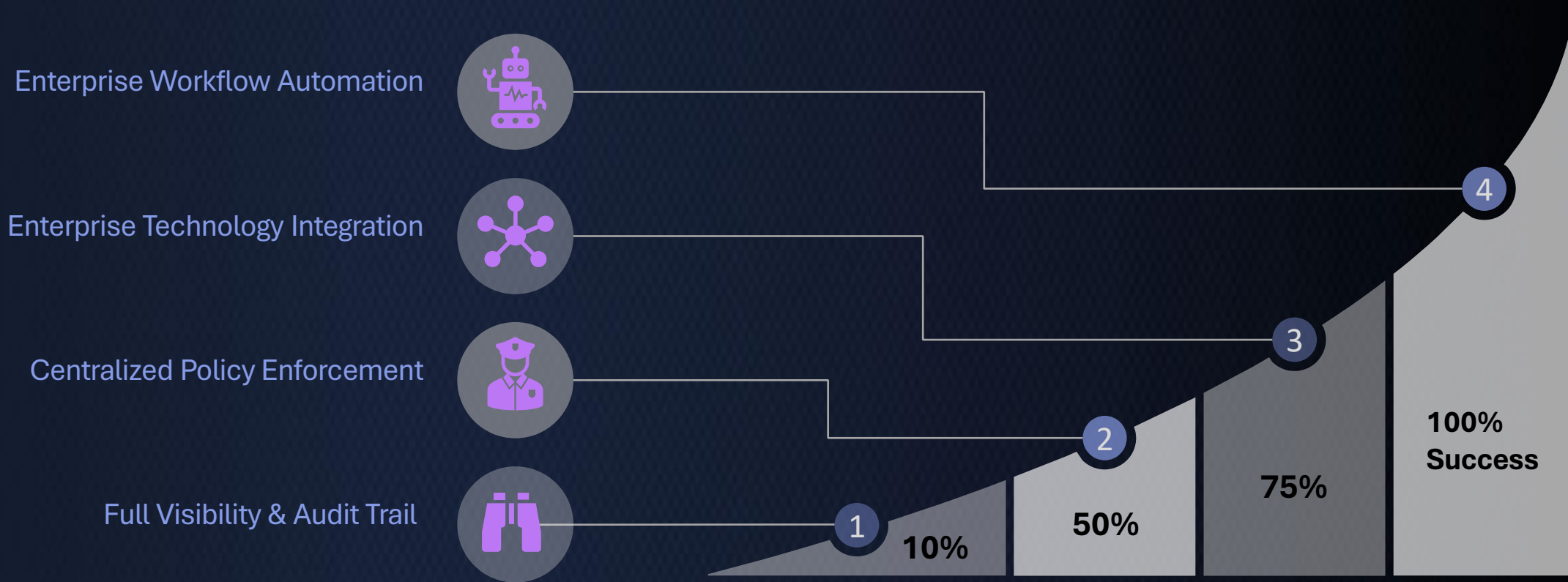
- Centralized Security Command
- Alerts and Approval Workflow
- Enterprise Security Automation



04 Solution Outcomes



Comprehensive Approach To Achieving Successful Outcomes!





Enterprise Solution Outcomes

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Post-Quantum Crypto Agility

Data at Rest & In Transit Encryption

Private & Public Key Infrastructure

User/Machine Identity as-a-Service

Fast & Secure Code Signing



Outage & Breach Prevention

Disaster Recovery & Response

Prevent Audit Failures

Zero Trust Cloud Security

Eliminate Costly Manual Process

05 Strategic Partnerships



Global Network of Industry Leaders

QuCypher



Security Executives

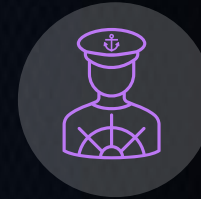
A community of C-Level security executives to increase mindshare around solving the biggest security challenges for the large enterprise organizations that at the forefront of cyber defense to consolidate ideas and priorities to stay ahead of the rapidly evolving cyber threats.



Best of Breed Technologies

While remaining vendor agnostic in our practice, we leverage decades of expertise working side by side Industry leading technologies to provide our clients access to a comprehensive network of “Best of Breed” technologies in every security domain that are continually assessed, ranked, and tested by our experts at enterprise scale.

CENTER OF EXCELLENCE



Security Domain Experts

Through years of working side by side Industry experts both on business and the technical side, we have established a wealth of proven pool of talents with specialties across all critical security domains who share out passion about providing next generations solutions that are highly modern and adaptable.



Regulatory Bodies

- International Organization for Standardization (ISO)
- General Data Protection Regulation (GDPR)
- National Institute of Standards and Technology (NIST)
- European Union Agency for Cybersecurity (ENISA)
- Payment Card Industry Security Standards Council (PCI SSC)
- Organization for Economic Co-operation and Development (OECD)
- Global Forum on Cyber Expertise (GFCE)
- Cybersecurity and Infrastructure Security Agency (CISA)
- Information Systems Audit and Control Association (ISACA)
- International Telecommunication Union (ITU)
- The Forum of Incident Response and Security Teams (FIRST)
- Financial Services Information Sharing and Analysis Center (FS-ISAC)

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Thank you!