

PQC Services

Post-Quantum Cryptography (PQC) is the next frontier in securing digital communications, ensuring resilience against future quantum threats. Organizations navigating this transition need the right guidance to adopt quantum-safe cryptographic solutions.



Without a proactive PQC strategy, organizations face



Future Security Risks

Classical cryptographic algorithms like RSA and ECC will become vulnerable to quantum attacks, compromising sensitive data and digital identities.



Regulatory Challenges

Emerging standards from NIST, NSA, and global regulatory bodies will require organizations to adopt quantum-resistant cryptography.



Operational Complexity

Transitioning to PQC requires careful planning to avoid disruptions in critical systems and ensure compatibility with existing infrastructure.

At Encryption Consulting, we provide expert guidance to help organizations assess, strategize, and implement quantum-safe cryptographic solutions, ensuring a seamless transition to a post-quantum future.

Why Organizations Trust Encryption Consulting?



Trusted by 185+ global customers, including 100+ Fortune 500 companies



Delivered 500+ encryption and cybersecurity projects across 25+ countries



96% customer retention rate driven by long-term encryption advisory partnerships



Achieved 90% customer satisfaction across cybersecurity and cryptographic services



Rated 4.9/5.0 on Gartner Peer Insights for Encryption Consulting services



Led by consultants with 20–30 years of deep expertise in applied cryptography



Built 600+ encryption governance frameworks aligned with GDPR, PCI DSS, HIPAA, NIST, and ISO 27001 standards




Conducted 400+ custom workshops and knowledge transfer sessions, training 5,000+ security professionals

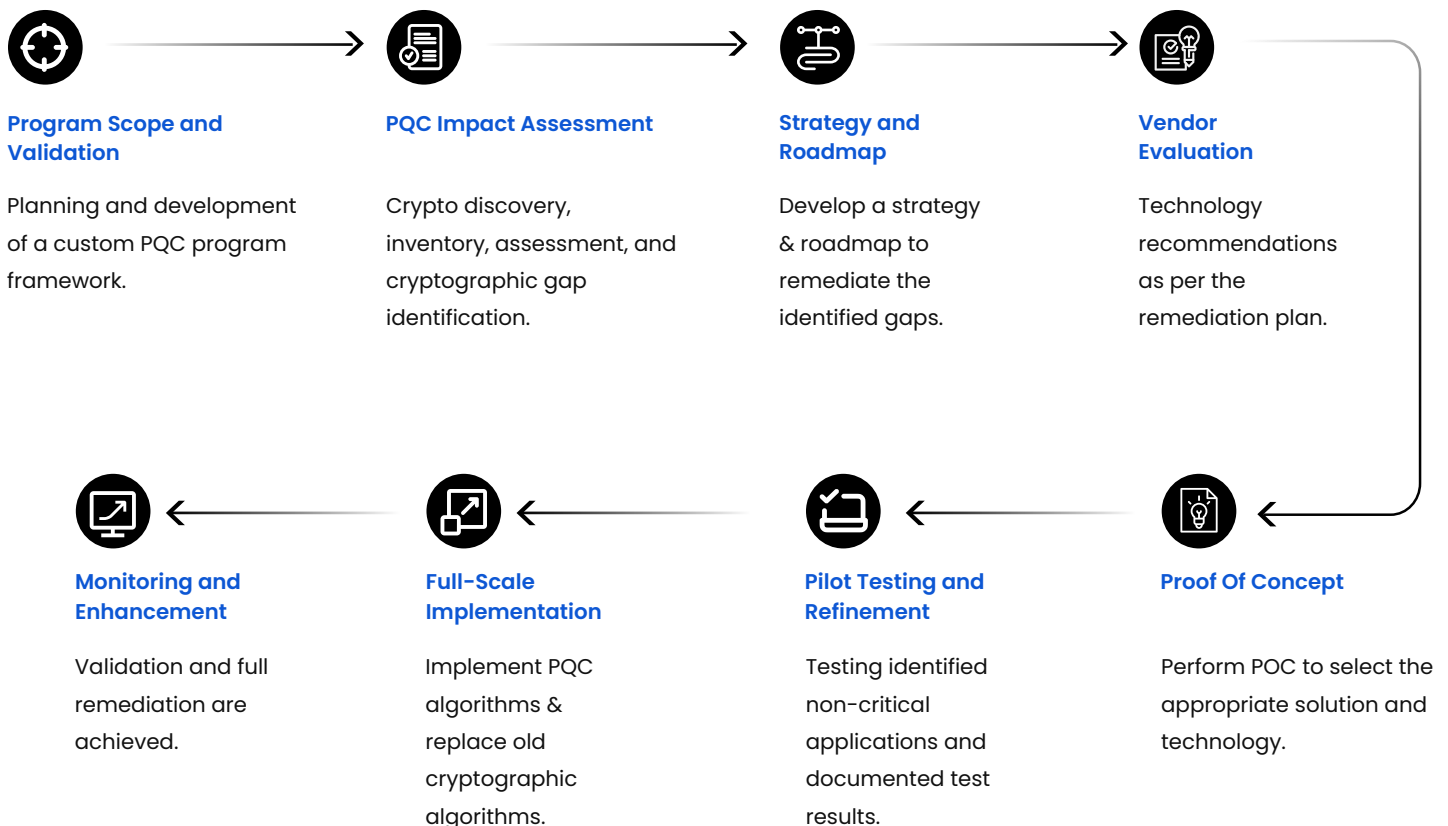
Our Comprehensive Post-Quantum Cryptographic Services

Engage with our full advisory offering or select individual services to fit your requirements.

Service	Key Activities	Key Deliverables
<div></div> <div>PQC Assessment</div>	<ul style="list-style-type: none">• Perform cryptographic discovery and inventory to locate certificates, keys, and cryptographic dependencies• Identify assets vulnerable to quantum threats• Assess quantum readiness across PKI, HSMs, applications, and enterprise security• Analyze operational, compliance, and business impact of quantum risks	<ul style="list-style-type: none">✓ Cryptographic inventory report✓ Quantum risk impact analysis✓ Prioritized action plan for mitigation and migration
<div></div> <div>PQC Strategy & Roadmap</div>	<ul style="list-style-type: none">• Develop a phased PQC migration strategy aligned with business operations• Align cryptographic policies with NIST and NSA PQC standards• Define governance frameworks and cryptographic agility principles• Plan hybrid deployment models for gradual PQC adoption	<ul style="list-style-type: none">✓ Comprehensive PQC strategy document✓ Cryptographic agility framework✓ Phased migration roadmap with business-aligned timelines
<div></div> <div>Vendor Evaluation and Proof of Concept (PoC)</div>	<ul style="list-style-type: none">• Define RFP/RFI requirements and quantum-safe solution evaluation criteria• Shortlist vendors for PQC algorithms, key management, and PKI solutions• Execute POCs across critical applications and systems• Analyze technical fit, interoperability, licensing, and costs	<ul style="list-style-type: none">✓ Vendor evaluation and comparison report✓ POC findings and recommendations✓ Strategic vendor selection support

Service	Key Activities	Key Deliverables
 <p>PQC Implementation</p>	<ul style="list-style-type: none"> Integrate PQC algorithms into PKI, applications, and security ecosystems Deploy hybrid cryptographic models combining classical and quantum-safe algorithms Ensure seamless integration across cloud, on-premises, and hybrid environments 	<ul style="list-style-type: none"> Implemented PQC and hybrid cryptographic solutions Interoperability validation report Knowledge transfer and operational training documentation

Our Project Roadmap



Get in Touch

Don't let encryption challenges put your data at risk. Our expert services help you build, assess, and optimize encryption strategies tailored to your business needs. Reach out at info@encryptionconsulting.com or call +1-469-815-4136 to get started.