



Encryption Advisory Services

Protect your data with our expert encryption services. We assess your current environment, develop a tailored strategy, and help you implement end-to-end encryption.

Why Us

We've guided countless organizations to secure their data with our global network. Our years of experience and expertise make us the ideal partner for your encryption needs.

Assessment

We conduct thorough assessments of your encryption environment using industry-leading standards. Our assessment identifies vulnerabilities and recommends solutions.

Strategy

Let's develop a customized encryption strategy tailored to your specific needs. Our approach considers data classification, location, movement, risks, usage, and security goals.

Implementation

Collaborate with you to design and implement an encryption program. Our services include governance, key management, and business process modernization. We can also provide project management resources if needed.

Audit

Our audit uncovers hidden gaps in your encryption architecture. We analyze your cryptographic protocols, evaluate the effectiveness of your encryption and authentication methods, and verify compliance with industry standards.

Service Benefits

- **Informed decision-making:** Gain insights into your current state and identify areas for improvement.
- **Enhanced cybersecurity:** Build a resilient architecture that can withstand advanced cyber threats.
- **Regulatory compliance:** Achieve and maintain compliance with industry standards.
- **Data protection roadmap:** Prepare for future threats with a comprehensive data protection strategy.

Data Protection Catalogue

Our tailored data encryption and protection framework can help guide your organization's strategy. We provide custom data protection services based on your specific needs and priorities.



Data Discovery Exercise

We identify where your sensitive data resides and provide recommendations for protection and management.

Risk Assessment

Pinpoint areas most vulnerable to data exfiltration and offer solutions to strengthen defenses.

Assessment and Strategy

Analyze your organization's data protection capabilities, identify gaps, and develop a tailored strategy. Our strategy will include a roadmap, program components, and capabilities description.

Data Protection Program Foundation Development

Let's help you build a robust data protection program foundation. Our services include developing governance, key risk indicators, operating models, and key performance indicators.

Technology Solutions and Capability Implementation

Assist you with implementing and deploying data protection technology solutions. Our services include proof of concept, full-scale technology implementation, and ongoing support.

Focus Areas

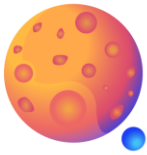
- **Policy:** Developing and implementing effective data protection policies.
- **Third-party management:** Ensuring secure relationships with third-party vendors.
- **Incident management:** Preparing for and responding to data breaches.
- **Risk management:** Identifying and mitigating risks to your data.
- **Governance:** Establishing robust governance frameworks.
- **Business process inventory:** Assessing and optimizing your business processes.
- **Procedures and controls:** Implementing effective procedures and controls.
- **Compliance:** Ensuring compliance with relevant regulations.
- **System:** Implementing and managing data protection systems.
- **Training and awareness:** Educating your employees about data protection best practices.
- **Manual processes:** Identifying and automating manual processes.
- **Information security:** Protecting your organization's sensitive information.

How Encryption Advisory Services Help

Our services will guide you in creating a secure and seamless encryption architecture.

Project Initiation

- **Gather requirements:** Determine your data encryption and critical lifecycle management needs.
- **Conduct information-gathering sessions:** We work with your stakeholders to define the scope of the assessment.



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- **Review existing documentation:** Analyze your existing encryption and key management materials.
 - **Define criteria:** Establish criteria for gathering information.
 - **Gather requirements:** Collect your business, technical, and functional requirements.
 - **Provide a template:** We offer a template for structured data collection.

State Summary and Gap Analysis

- **Understand your current state:** Assess your existing systems, challenges, and use cases.
- **Perform gap analysis:** Compare your current state to your desired state.
- **Identify areas for improvement:** Pinpoint areas that need attention.
- **Define use cases:** Identify specific use cases that require protection.
- **Prioritize:** Categorize and prioritize your use cases.

Planning and Implementation

- **Define strategy and roadmap:** Create a plan for process and technology changes.
- **Determine existing capabilities:** Assess your current capabilities.
- **Identify alternative solutions:** Suggest alternative solutions if needed.
- **Consolidate requirements:** Combine your business, technical, and functional requirements.
- **Develop a plan:** Create a strategy and implementation plan.
- **Finalize:** Review and finalize the plan with your stakeholders.

Vendor Evaluation and Request for Proposal (RFP)

- **Support RFP development:** We assist in creating an RFP that meets your needs.
- **Identify vendor evaluation criteria:** Define criteria for evaluating vendors.
- **Assist with the RFP process:** We help you float the RFP and evaluate vendor responses.
- **Develop RFI questionnaire:** Create a questionnaire to gather information from vendors.
- **Conduct vendor assessment:** Assess each vendor against your evaluation criteria.
- **Understand vendor capabilities:** Evaluate the technical aspects of each vendor's solution.
- **Select vendors:** We assist in selecting the best vendors based on your requirements.

Proof of Concept

- **Configure POC infrastructure:** We help you set up a proof of concept environment.
 - **Identify applications and data sources:** Choose suitable applications and data sources.
 - **Configure POC environment:** Configure the environment according to vendor requirements.
 - **Conduct POC:** Conduct a proof of concept for your primary use cases.
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- **Document results:** Document the results of the POC.
- **Develop cost analysis:** Provide a high-level cost analysis.
- **Share results:** Share the POC results with your stakeholders.

Post-Quantum Cryptographic Services

Prepare your organization for the quantum era. Our services will help you understand and mitigate quantum risks and ensure your data remains secure.

Overview

Quantum technologies offer exciting possibilities but pose some significant challenges for cryptography. We can help you navigate these challenges and develop a quantum-ready strategy. Leading agencies are urging organizations to start preparing for the quantum future. A strategic approach will help you plan and define the scope of your transition to post-quantum cryptography. Our expertise can guide you in assessing your organization's current vulnerabilities and developing a proactive strategy.

The Best Time to Act is Now

Quantum threats are a growing concern, but you can anticipate them with our preventive approach. CISA, NSA, and NIST emphasize the need for organizations to act now.

- **Privacy risks:** Quantum computers can intercept and decrypt data, leading to privacy breaches.
- **Harvest-now, decrypt-later attacks:** Attackers can now intercept and decrypt data later when quantum computers are more powerful.
- **Increased data breach costs:** Quantum threats can significantly increase the cost of data breaches.

Key Risks of Post-Quantum Advancements

Quantum computers could break current cryptographic algorithms. This technology could make organizations vulnerable to attacks like "harvest-now, decrypt-later."

Quantum Threat Timeline

The threat timeline is shrinking, but there's still time to work together. It's essential to act now to assess, strategize, and implement quantum-safe solutions before it's too late. The shelf life of your data is a critical factor to consider.

Don't wait until it's too late; we are here to help establish your protection. Our services can help you protect your organization from quantum threats.

Risk Evaluation

We conduct a comprehensive assessment of your cryptographic infrastructure. Our services include:

- **Cryptographic discovery:** Analyzing your existing cryptographic systems.



QUANTUM PKI

Your Key to Digital Freedom

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- **Risk assessment:** Identifying potential quantum risks.
 - **Governance assessment:** Evaluating your governance practices.

- **Asset classification:** Classifying your cryptographic assets.

Strategy

We'll guide you through a quantum-ready transition. Our services include:

- **Tailored strategy development:** Creating a strategy aligned with your organization's goals.
- **Agile operating model design:** Developing a flexible model to adapt to emerging threats.
- **Concrete roadmap creation:** Creating a detailed roadmap with specific milestones.
- **Best practices implementation:** Incorporating industry-leading best practices.
- **Expert consultations and tools:** Providing specialist advice and specialized tools.

Solution Implementation

We help you seamlessly transition to quantum-resistant cryptography. Our services include:

- **Proof of concept development:** Testing quantum-resistant solutions.
- **Quantum attack vulnerability assessment:** Identifying and addressing vulnerabilities.
- **Data scanning and inventorying:** Creating an inventory of your cryptographic assets.
- **Smooth transition planning:** Minimizing disruption during the transition.
- **NIST standards compliance:** Ensuring compliance with NIST standards.
- **Crypto-agile model implementation:** Integrating a flexible model for long-term resilience.
- **Crypto-governance operational assessment:** Evaluating your governance practices.
- **Data and crypto-asset classification:** Classifying your data and assets and implementing appropriate security measures.

Let's prepare your organization for the quantum future.

