



Complete Turnkey Solutions

Data Protection Services

24/7 Support



QUANTUM VAULT INTERNATIONAL

**YOUR SECURITY
EXPERTS IN
CYBERSECURITY**

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WHO WE ARE

Quantum Vault International provides complete turnkey solutions to government and commercial customers. We offer system development & integration, networking products, and hardware delivery, alongside auditing and consultancy services.

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**WE SPECIALISE IN
DEVELOPMENT &
INTEGRATION,
NETWORKING
PRODUCTS, &
HARDWARE
DELIVERY, ALONGSIDE
AUDITING AND
CONSULTANCY
SERVICES.**

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WHAT WE DO

At Quantum Vault International, the solutions we provide are tailored to suit our clients' specific needs and are designed using state-of-the-art technology. This, we do by ensuring that we comply with global privacy laws such as General Data Protection Regulation (GDPR).

STRENGTHS

We bring to our clients innovative solutions that serve both their long term and short term goals. Comprehensive analysis of data is what we at Quantum Vault International put our faith in. Hence we employ state-of-the-art analytical techniques to produce detailed analysis. This leads us to make projections that address your business needs. We have a robust and dynamic team working around the clock to ensure that our customers are getting the best possible service.

OUR SERVICES

STRATEGIC CONSULTATIVE ADVISORY SERVICES

Risk Quantification, Initiatives
Definition & Prioritization

IDENTITY GOVERNANCE & RISK BASED ACCESS ASSURANCE SERVICES

SaaS based Identity Access
Management, Risk Based MFA/SSO,
3rd party Vendor Access & Tools
Integration

24X7 CYBER SECURITY EVENT MONITORING & INCIDENT RESPONSE MANAGEMENT

with AI Based Automated Cyber
Defense & Threat Intelligence
Platform



DATA PRIVACY & DATA PROTECTION SERVICES AND SOLUTIONS

Risk Based and Context & Situation
Aware Data Classification and
Protection

APPLICATION SECURITY SERVICES

Secure Coding & SDLC with CI/CD
Integration across DevSecOps Process
& Tools Integration

MANAGED SECURITY SERVICES

Change, Release, Configuration
Management. Patches / Fixes /
Policies / ACLs / Signatures

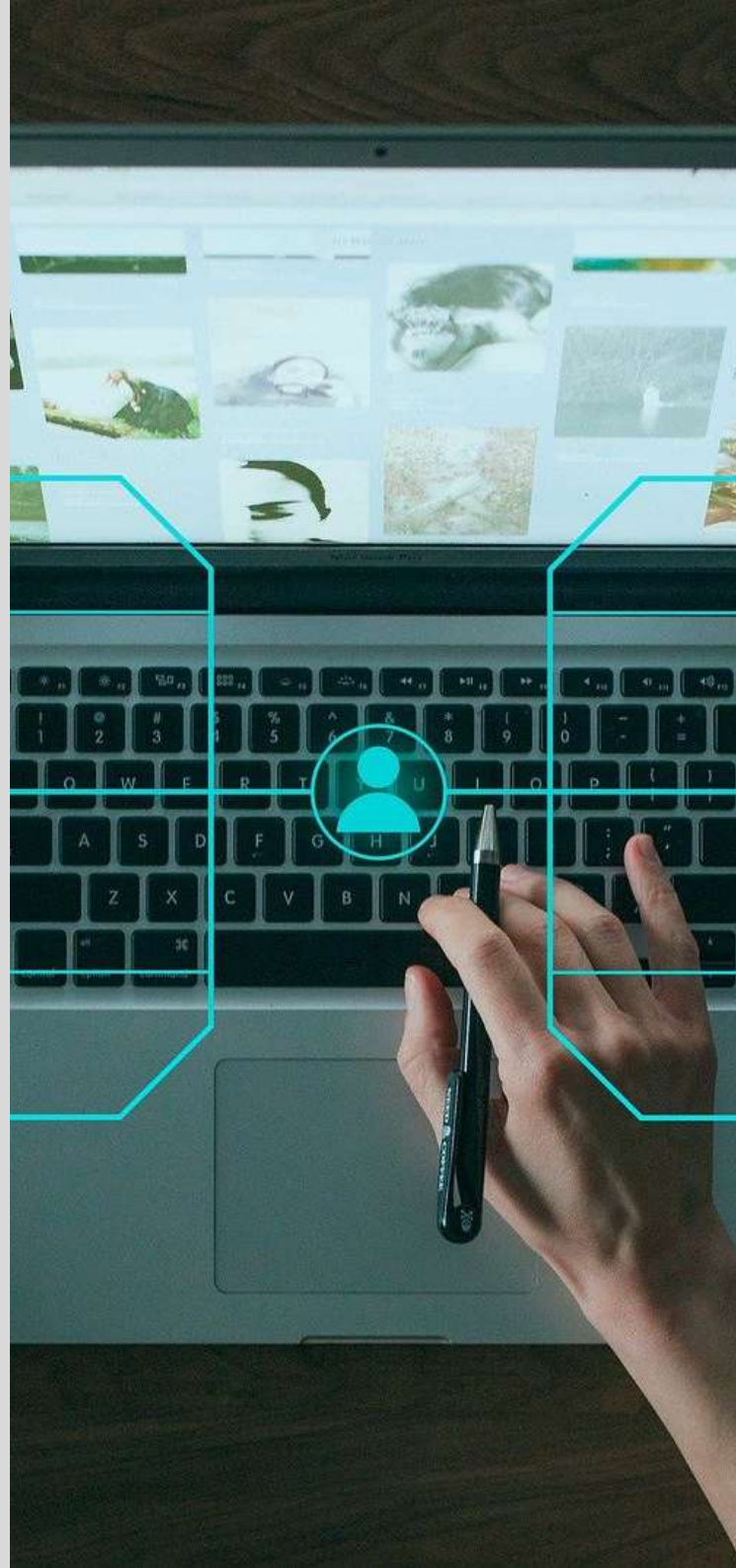
1: STRATEGIC CONSULTATIVE ADVISORY SERVICES

SERVICES 1: DC IT Network Cloud Infrastructure Consolidation Strategy Planning

- DC IT NW Cloud Infra Study, Gap Assessment, Risk Analysis & Initiatives Definition & Strategic Roadmap Development

SERVICES 2: Cloud Migration Strategy Planning

- ADM: Interdependency Analysis between – Business & IT Processes, Supporting Tools Technologies & Applications Arch, DC IT NW & Cloud Infra Study (Compute, Storage, Network, Security)
- Interdependencies Analysis between Business Process Availability Requirements, Regulatory Requirements, Application Arch, Underlying Technologies Infra & ITSM & ISMS Demands
- Cloud Candidate Selection based on dependency on Application Architecture, Application Code, Business Process & Infra Architecture & SDLC/CI/CD Analysis, Regulatory Compliance Demands
- Move Sets, Move Groups, Move Day Planning and Migration Checklist Definition and Migration Support Services



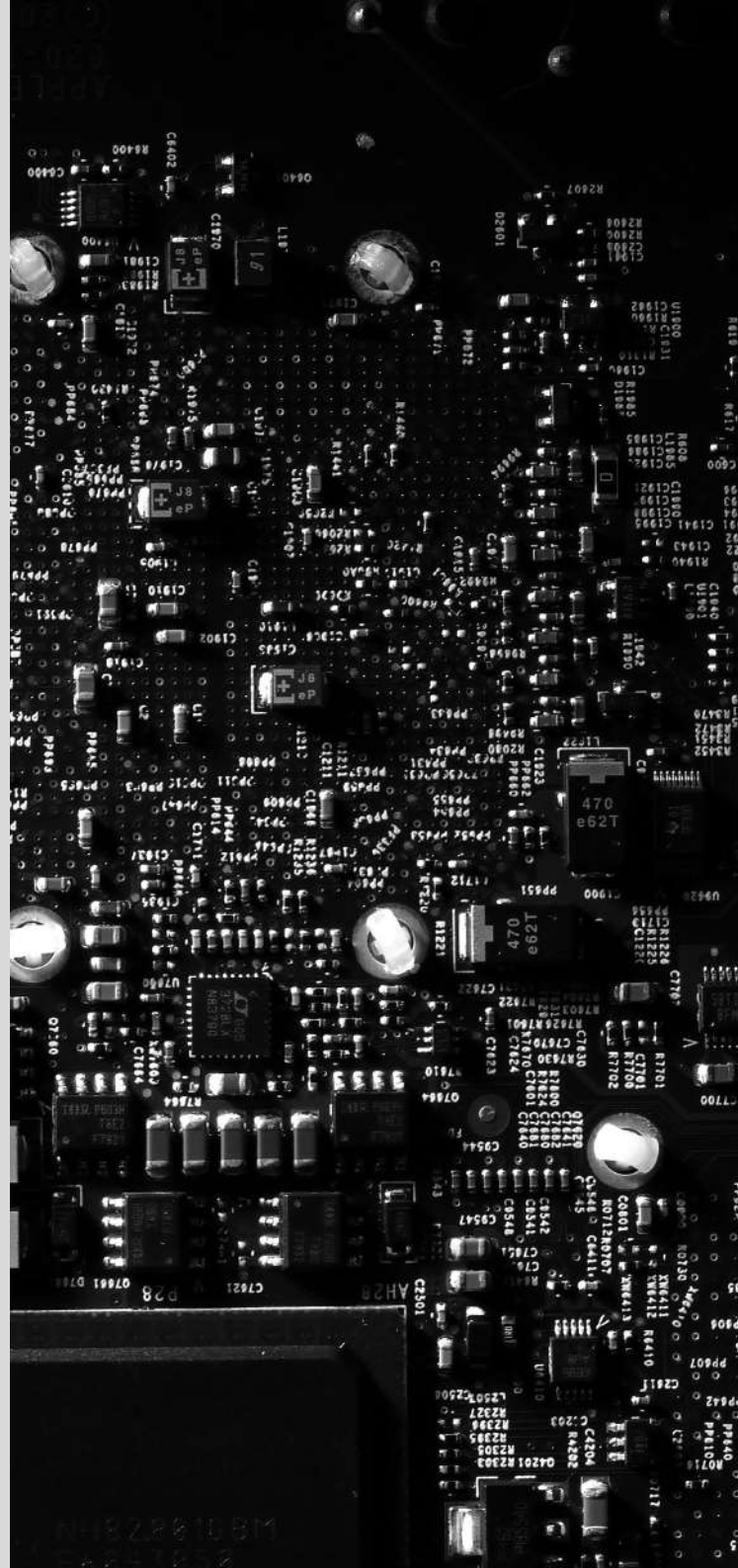
SERVICES 3: Risk Resilient, Cost Optimised Cyber Security Strategy Roadmap Development

- Regulatory / Industry Specific or Regional Compliances : PCI-DSS, HIPAA/HITRUST, GDPR, CCPA, LGPD, SABSA, POPIA, MASA, PAPEDA, PDPA, NERC
- Compliance Based Strategic Roadmap Development – Regulatory, Industry Specific, Regional or Standards Based Compliances for DC IT Network / Cloud Infrastructure
- Standards Based Compliances: ISO27001, ISO22301, ISO IEC 62443/61508, NIST (Zero Trust), MITRE (Cyber Risk Resiliency), SASE, 3GPP/ITU-T/GSMA, CIP, NERC

2: IDENTITY GOVERNANCE & RISK BASED ACCESS ASSURANCE SERVICES

SaaS based Identity Access Management, Risk Based MFA/SSO, 3rd party Vendor Access & Tools Integration

- SaaS Based Pay Per Use Identity Access Management Platform
- Risk Based Multi-Factor Authentication, Single Sign-On & Access Management
- Role/Rule/Need Based – Identity Provisioning / De-provisioning Workflows Automation
- Self-Care Self Service Portal for Access Re-certification, Password Reset with backend Multi-Level Approval Process workflows
- Web Services Federation / 3rd party systems & application integration



3: 24x7 CYBER SECURITY EVENT MONITORING

- 24x7 Security Event / Incident Monitoring, Detection, Triaging / Analysing, Reporting, Prioritization and Response Remediation
- User Network and Insider Threat, behaviour and Exception Pattern Analysis
- Context Aware Cognitive Threat Intelligence (External and Internal) Integration for Metadata Enrichment, Situational Awareness – helps reduce false positives, build more accurate analytics
- AI / ML Based Algorithms and Statistical Analytics Engine to build further intelligence to identify true positives to act and automate processes to detect, respond and remediate
- Improved Mean Time to Respond, Resolve – SLA/Outcome Based Reporting, Continuous Service Improvement & Service Delivery Framework based on industry specific compliance objectives

4: DATA PRIVACY & DATA PROTECTION SERVICES AND SOLUTIONS

- Risk Based and Context & Situation Aware Data Classification and Protection
- Dynamic Transparent Encryption
- Data Anonymization / Pseudo-Anonymization Techniques to secure PHI, PCI, PII data
- Application Level Encryption – SSH / SSL / TLS / HSM / PKI- Certificate Integrated AAA
- Network Level Encryption – IPSEC, GRE Tunnelling, VPN Based Remote Secure Access
- HSM based physical certificate based architecture for encrypted network traffic



5: APPLICATION SECURITY SERVICES

- Secure Coding & SDLC with CI/CD Integration across DevSecOps Process & Tools Integration
- Vulnerability Assessment / Penetration Testing
- Web / Mobile Applications & API Security Testing
- Static / Dynamic / Run-time – Application Security Testing (SAST/DAST/RAST)

6: MANAGED SECURITY SERVICES

- Change, Release, Configuration Management
- Patches / Fixes / Policies / ACLs / Signatures – Updates & Upgrades
- Incident Availability Perf Monitoring & Management
- Periodic IoS Backup/Recovery and Configuration Review
- Capacity Planning and Asset Inventory Management
- Vendor Supplier Contract Management / TAC Support Co-ordination
- ISMS Maintenance & Management and Periodic Performance Reporting