

SERVICE DESCRIPTION

Secure by Design Architecture Services

Security architects ensure solutions are designed using secure-by-design principles, including zero-trust, defence-in-depth, and secure defaults. The service validates architectures, identifies weaknesses, and provides actionable remediation to ensure systems meet regulatory, operational, and security requirements while supporting long-term resilience.

Design-Phase Security Review

Assesses early-stage designs to embed security before build, reducing costly changes later.

Cloud Architecture Guidance

Provides best-practice patterns for secure Azure, hybrid, and multi-cloud deployments.

Zero-Trust Principles

Applies identity-centric, least-privilege and segmentation controls to minimise lateral movement.

Risk Scoring

Prioritises architectural risks based on impact and exploitability to inform design decisions.

Remediation Planning

Delivers clear recommendations and architecture changes to strengthen security posture.

Compliance Alignment

Validates alignment to ISO 27001, NIST CSF, regulatory, and internal governance requirements.

Pattern & Control Validation

Reviews existing design patterns and control sets to ensure consistency and effectiveness.

Technical Documentation Support

Refine architecture documentation to provide auditability.

BENEFITS

Stronger Architectural Security

A carefully designed system defends against attacks efficiently, lowering the risk of security incidents.

Simplified Regulatory Compliance

Incorporating compliance requirements into the architecture from the beginning makes audits more straightforward.

Increased System Resilience

Multiple layers of control and secure default configurations enhance stability, reliability, and speed up recovery.

Transparent Design Governance

Architectural choices are well-documented, clear, and consistently aligned with organisational policies.

Improved Operational Stability

Consistent and secure design practices help prevent outages, integration problems, and unexpected failures.



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