Security Architecture

methods
AN ALTEN COMPANY
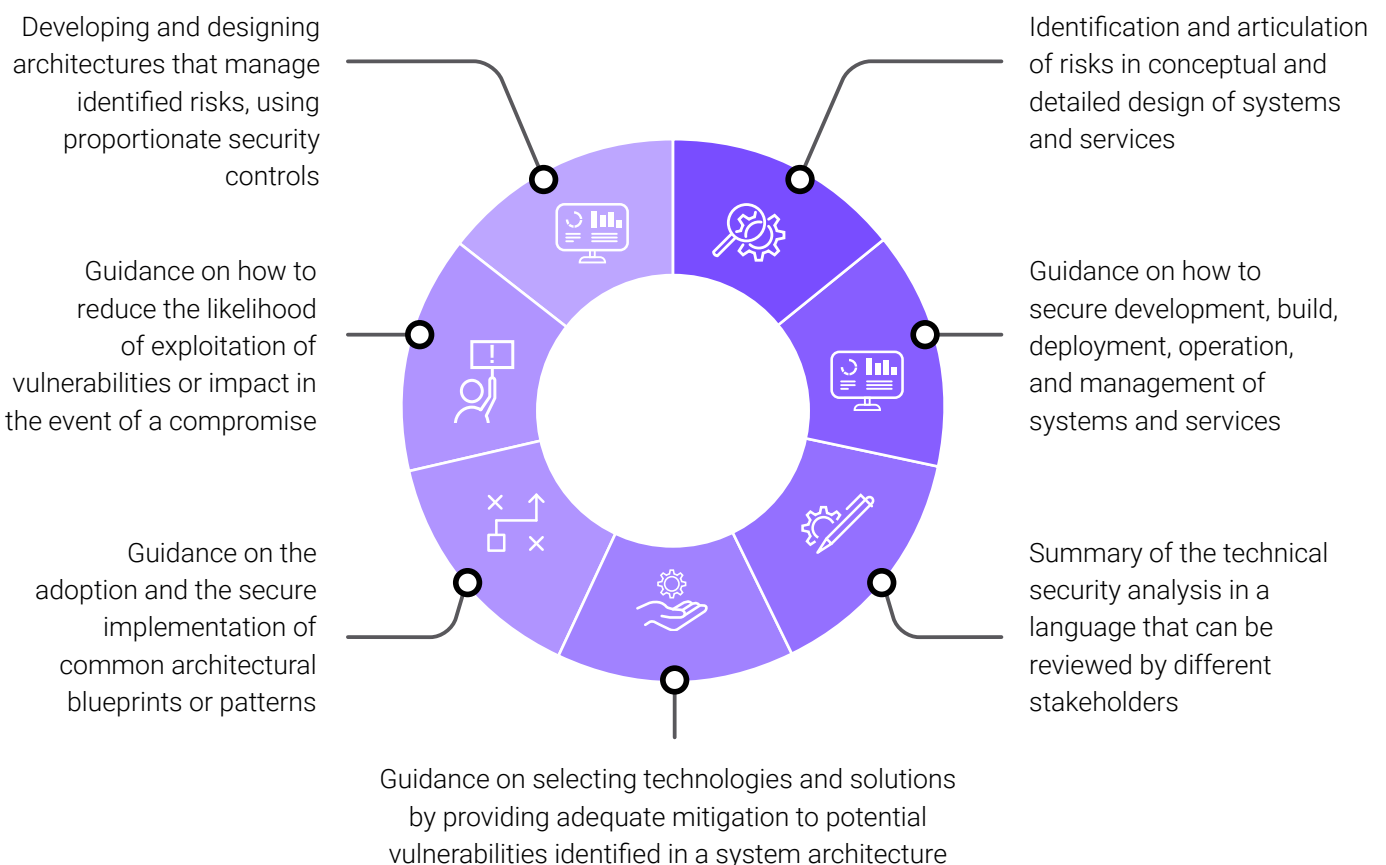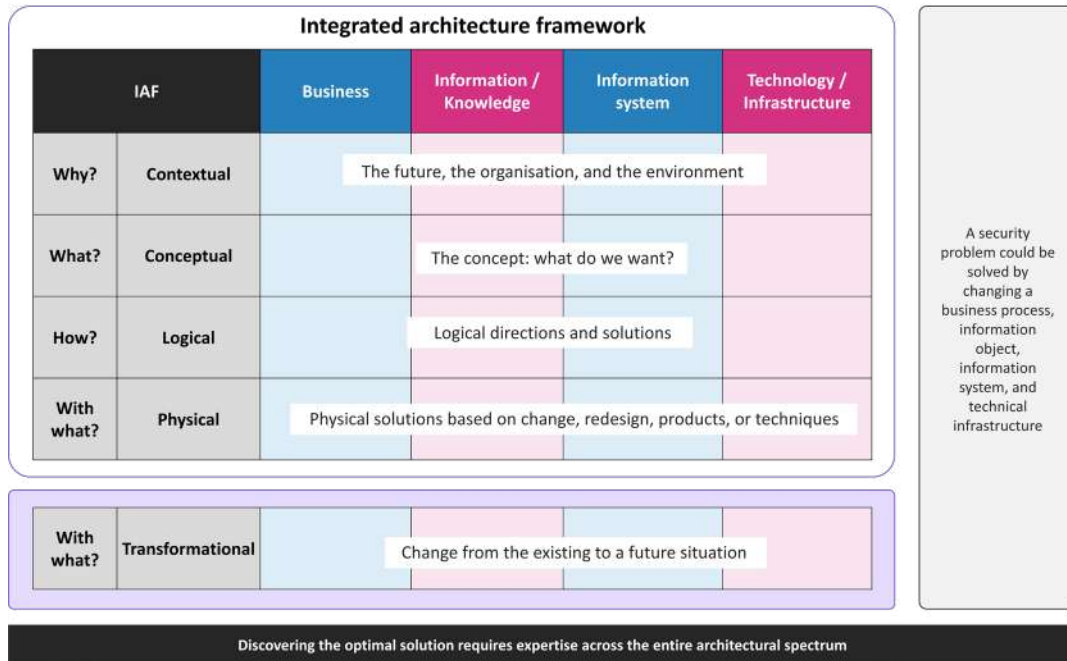
Offering an agile delivery approach, encompassing preventive, detective, and corrective measures, to protect the enterprise security posture. Crafting and upholding Security and Technical Architecture, along with ITHC scoping. Devising solutions that mitigate risks, ensure security is a business enabler, which in turn guarantees favourable business results

Service Offering

We develop clear designs and reports to provide in-depth security control specifications, using the architecture lifecycle and adhering to NCSC standards consisting of:

Developing and designing architectures that manage identified risks, using proportionate security controls

Guidance on how to reduce the likelihood of exploitation of vulnerabilities or impact in the event of a compromise

Guidance on the adoption and the secure implementation of common architectural blueprints or patterns

Guidance on selecting technologies and solutions by providing adequate mitigation to potential vulnerabilities identified in a system architecture

Identification and articulation of risks in conceptual and detailed design of systems and services

Guidance on how to secure development, build, deployment, operation, and management of systems and services

Summary of the technical security analysis in a language that can be reviewed by different stakeholders

Integrated architecture framework

IAF		Business	Information / Knowledge	Information system	Technology / Infrastructure
Why?	Contextual	The future, the organisation, and the environment			
What?	Conceptual		The concept: what do we want?		
How?	Logical		Logical directions and solutions		
With what?	Physical	Physical solutions based on change, redesign, products, or techniques			
With what?	Transformational	Change from the existing to a future situation			

A security problem could be solved by changing a business process, information object, information system, and technical infrastructure

Discovering the optimal solution requires expertise across the entire architectural spectrum

Our objective is to ensure organisations are provided industry best practice strategies by offering the following:

Key Service Features

- Selecting the relevant products, components, and techniques
- Ensuring designs are risk adverse and apply adequate controls
- Designing and implementing fitting architecturural solutions
- Adhering to and incorporating security industry best practice
- Including the core security technologies in the architecture solutions
- Reporting on security vulnerabilities and techniques for defence
- Adherence and compliance with key features of pertinent security architectures
- Designing and developing documented processes
- Developing processes to maintain the security of a system
- Delivered for all security classifications from OFFICIAL to Above-SECRET

Key Service Benefits

- Strong security architecture leading to fewer security breaches
- Aiding organisations to identify assets of critical importance
- Proactive security measures, saving on downtime and business impact
- Mitigating disciplinary fines in the event of a breach
- Compliance with key data security standards
- Prevent loss of business confidence, credibility, and trust
- Provides confidence to stakeholders over service security
- Cuts expenses by addressing security concerns proactively during project initiation
- Ensuring security is a business enabler