

Secure Architecture

Protect
Service



OVERVIEW

Your organization's network infrastructure provides the functional support for secure business operations – how can you effectively use it to create a competitive advantage?

DigitalDefence will assess your network infrastructure using a standards-based approach (for example, the Sherwood Applied Business Security Architecture, SABSA) to provide an objective assessment of the effectiveness of your network's technology, people and processes, and how they impact your organization's data security. Our goal is to ensure that the most appropriate controls are implemented to secure your business.

The completed secure architecture reviews can be used to create a roadmap to prepare for future threats, create the optimal enterprise security architecture, and to support Merger & Acquisition activities.

BENEFITS

- Protects your infrastructure by developing the ability to prevent, detect, and respond to network attacks; reduces or eliminates financial and reputational costs of a security breach
- Aligns security goals with business objectives; security and management costs are optimized, resulting in as much as 50% in annual savings
- Ability to effectively plan near-term and future security investments in network architecture
- Security architecture services are vendor independent, and based on a control framework that incorporate industry best practices like NIST, ISO, CIS
- Extends the improved security capabilities across the existing

Improve corporate risk reduction with strategic security and privacy services.

Is a Secure Architecture Assessment right for your company?

- Is your network "secure by design", or is security an afterthought?
- Is your network resilient, and capable of surviving a determined attack?
- Can you prove the security of your network and its data to an independent auditor?
- Are you presently upgrading your network, or planning on implementing new technologies



enterprise network

- Complies with Government Federal and industry regulations; meet audit requirements

SECURE ARCHITECTURE REVIEW AND DESIGN

DigitalDefence will review your corporate policies and guidelines, network architecture, and security controls to ensure that it addresses both present and future security requirements. The review will assess current state against known most-effective practices and will include a migration plan to overcome any gaps. Elements covered in the architecture review include:

- Design and implementation of data centres, wiring closets and other support structures
- Physical architecture, security and environmental / security controls
- Network (wired, wireless, VoIP) and host security
- Identity management
- Data security
- Secure remote access and third party connectivity
- System (server, workstation, mobile device) configuration review

BUSINESS CONTINUITY AND DISASTER RECOVERY

DigitalDefence provides an enterprise-wide approach to the continuity and survivability of your business. Through the analysis and identification of time-critical business processes, our professionals identify and map critical resources directly to business processes in order to clearly identify the most appropriate and cost-effective recovery alternatives. This information is used to plan, design, implement, and test the most appropriate business continuity solution for your business. From system backups to enterprise “hot sites”, DigitalDefence will find the most cost-effective solution for your business.

CLOUD SECURITY

When you move systems and data to the cloud, security responsibilities become shared between your organization and the cloud service provider. DigitalDefence’s certified security experts can conduct the following:

- Architecture and security controls review
- Cloud application security assessment, including vulnerability scanning and penetration testing
- Host-based security assessment
- Incident response plan development and testing

ENDPOINT INFRASTRUCTURE SERVICES

One of the most significant threats to an organization’s security are the endpoints—the usercontrolled devices that connect to the network (workstations, laptop computers, mobile phones and cameras, Blackberries, USB keys and portable hard drives) and specialized equipment like Point of Sale terminals. Our consultants will work with you to develop the most secure build of your enterprise endpoints, and integrate them into your secure network.

About DigitalDefence

DigitalDefence provides complete protection against data security breaches. We provide the advisory services that align security with your business strategy and practices. Our protection services secure your data by assessing vulnerabilities and validating security controls using audits and penetration testing, or “ethical hacking”. And should you suffer a security or privacy breach, we provide the 24x7 response services and expertise to minimize financial and reputational loss.



IMPLEMENTATION SERVICES

DigitalDefence goes beyond network design; we can implement and validate all secure architecture recommendations. We will manage all aspects of the implementation and validation, ensuring that they are supporting a secure network prior to hand-over back to our clients. We can also provide on-site mentoring in setup, configuration, and management of network and security devices.



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