

DATA SHEET

Security Design Creation

Security Design & Architecture

The Challenge

Assessments can provide you with an analysis of current architecture and controls with recommendations on how to remediate flaws. However, how do you proceed if your organization is designing or merging with a new architecture or need to implement a complete or partial redesign? Most organizations find this to be a daunting and time consuming exercise that leaves them with challenges such as:

- A lack of human resources and expertise
- The need to verify a roadmap and plan the steps of implementation
- Shifting liability and responsibility for implementation
- Accelerating execution and ensuring accuracy

The Solution

SecureWorks Design Creation services are a collection of hands on engagements focused on optimal security control connectivity that helps you create or update design, placement and configuration of security controls to align to business objectives and decrease security risk. SecureWorks experts will work with security and IT teams to strategically design and architect scalable security control connectivity that protects key information assets and improves the integrity of business processes and information security.

SecureWorks Security Design & Architecture Continuum

Focused on Individual Security Control/Tools

Security Device & Application Assessments

- Server, Device & Application Hardening
- Health Check/Assessment
- Advanced Health Check/Assessment

Focused on Enhanced Security Control/Tool Connectivity

Security Design Assessments

- Architecture Assessments
- Cloud Security Architecture Assessment
- Compliance Architecture Assessment (PCI, HIPAA, SCADA, NIST CSF, DSI, NIST 800, o-ESA, SABSA, TOGAF)
- Defense in Depth Assessment
- Infrastructure Assessment
- Web Application Firewall Configuration and Architecture Assessment
- Zero Trust Assessment

Focused on New Optimal Security Control Connectivity Design

Security Design Creation

- Datacenter Re-Build or Migration Design
- Growth Architecture Design
- Merger & Acquisition Integration Design
- Network Segmentation
- Secure Remote Access
- Vulnerability Scanning Architecture Design

*Not an all-inclusive list

<p>What does it help you answer?</p>	<ul style="list-style-type: none"> • How do we design a robust and flexible security architecture that aligns to current and future business and security needs? • How do I scale security architecture lock-step with business objectives? • How do I merge our architecture with another, without introducing added security risk and vulnerabilities? How long will this take? • How do I plan and design my network to expand with my growing business without introducing added risk or vulnerability? • How do I securely enable my remote workforce with “always-on” technology?
<p>Benefits</p>	<ul style="list-style-type: none"> • Scalable security architecture that is in lock-step with business objectives and risk • Design and architecture of scalable security services that protect key information assets • Improved security design with an architecture and strategic roadmap for the future • Improved integrity of business processes and information security • Updated design, placement and configuration of security controls

Solutions

(not inclusive of all design creation services):



Datacenter Re-build or Migration

Provides a comprehensive plan and design diagrams based on business objectives balanced with areas of vulnerability and asset inventory. The plan provides a go-forward model designed to aid in migrating IT and security resources from their legacy datacenters or rebuilding the infrastructure securely.

Time: Depends on the scope and complexity of the environment, minimum of 3 weeks.

Deliverable: A detailed report that provides the narrative for one or more new logical design diagrams along with a chronological plan listing in detail the steps needed to successfully accomplish the redesign project.

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Merger and Acquisition Integration Design

Creates a design plan that allows the acquiring company to integrate the acquired businesses IT assets and networks in a secure phased process that carefully controls risk on both sides until the integration is finalized. Service includes the creation of a thorough multi-year design plan.

Time: Depends on the scope and complexity of the environment, minimum of 4 weeks.

Deliverable: A detailed report providing the narrative for one or more new logical design diagrams along with a chronological plan listing in detail the steps needed to successfully accomplish the redesign project.



Growth Architecture Design

Consultants carefully explore the plans the business has for growth over the next 1-5 years. A thorough understanding of all critical assets and locations are used to design a scalable, extensible architecture plan that not only meets the security needs of today but also lays out a clear path for a more secure future.



Network Segmentation

Creates or recommends modifications to the current design including a detailed diagrammed framework, specific technical recommendations and reasoning supporting the amended design along with a solution roadmap with the purpose of reducing the scope of future compliance assessments.

Time: Depends on the scope and complexity of the environment, minimum of 2 weeks.

Deliverable: A detailed report providing the narrative for one or more new logical design diagrams along with a chronological plan listing in detail the steps needed to successfully accomplish the redesign project.



Secure Remote Access

Creates a new design for remote access for an entire organization which very often spans multiple remote access controls and cyber security domains. Design topics considered include multi-factor authentication, Proxy Servers, VPNs, perimeter defense, Radius & TACACs, and vendor access controls.

Time: Depends on the scope and complexity of the environment, minimum of 3 weeks.

Deliverable: A detailed report providing the narrative for one or more new logical design diagrams along with a chronological plan listing in detail the steps needed to successfully accomplish the redesign project.



Vulnerability Scanning Architecture Design

Analyzes the design of key systems and policies of an organization's vulnerability scanning program. This assessment then determines the design or redesign around the vulnerabilities and misconfigurations found that threaten the effectiveness and overlooked policies that threaten the efficacy of the tools and provides detailed recommendations for remediation.

Time: Depends on the scope and complexity of the environment, minimum of 2 weeks.

Deliverable: A detailed report showing assessment of systems, design and policy and the resulting recommendations based on ranking of the findings by severity and effort required to resolve them.

Why SecureWorks

Our Security Consultants

SecureWorks hires only the best and brightest. From our in-depth technical hiring process to our continued investment in our consultants through generous training programs, we seek to find and cultivate security design excellence. Our consultants can be found speaking at industry conferences and releasing cutting-edge security research that becomes industry standard best practices.

SecureWorks Global Threat Intelligence

Threat intelligence is the fuel that powers the engine of the security solutions we provide. With more than 65 of the world's most highly regarded security researchers, SecureWorks' distinguished Counter Threat Platform™ (CTU) research team is what sets us apart. Our researchers analyze threat data across our global client base and actively monitor the cyber threat landscape to provide a globalized view of emerging threats, which provides a basis for the design and architecture decisions we provide.

Proven Methodology

SecureWorks has performed thousands of consulting engagements for a wide array of companies from small business to Fortune 500. Our methodology is based on a combination of our experts' advice and years of experience, SecureWorks' industry leading experience in Global Information Security Services, and grounded in the ISO 27000 standards, the current SANS TOP 20 Critical Security Controls and a collection of NIST 800 standards. Our methodology is updated on a regular basis to match current industry and attack trends.



For more information, call **(877) 838-7947** to speak to a SecureWorks security specialist.

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