

Secure Network Designing Services



**Your Third Step
in Coordinated,
Defense-Oriented
approach to security**

Secure Network Design Service focuses on network architecture and network security. Secure Bytes technical consultants join hands with client's architecture team to provide strategic network security recommendations. The engagement addresses issues and concerns related to network segmentation, firewall selection, access control policies and appropriate technology identification and selection based on business needs. This service is invaluable for designing and implementing a network because it proactively addresses the essential concern for comprehensive security architecture before implementing a network design. To protect your business from unwanted intrusions and to ensure a secure and stable IT environment, it is essential for you to know what the level of security is within your infrastructure.

Why Secure Bytes?

Knowledge and Expertise

- Secure Bytes staff has more than 150 years of accumulated Information Technology Network and Security experience.
- Secure Bytes security experts hold different security certifications, such as CISSP, CISM, CISA, CCIE & CCNP.
- Secure Bytes maintains a staff of multiple network engineers.
- Secure Bytes is Microsoft, Oracle and McAfee, Partner.

How we Differ !

- Segmentation approach is used
- Segments are defined based on security level of each segment
- Identify correct network topology
- Product independent design reviews are conducted.
- Current and future requirements are considered during reviews.
- Develop cost effective design solutions which maximize security and minimize impact on network performance
- Recommendations for deployment on advanced security technologies
- Current and annotated network design diagrams
- Recommendations to ensure policy or legislative compliance

Secure Designing

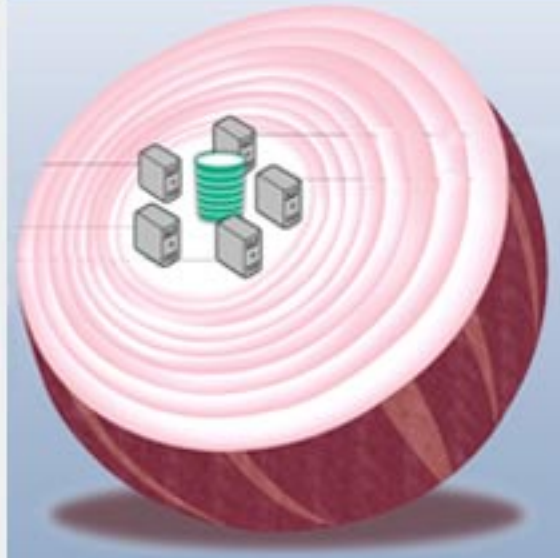
As part of Secure Bytes Security Architecture Design service, Secure Bytes security consultants work with your team to develop and design high-level, functional information security architecture for building scalable systems that provide appropriate levels of security to meet your specific business needs. Secure Bytes presents in-depth knowledge on how to design a secure solution from start to finish and demonstrates the principles needed for developing solid security architecture. Secure Bytes provides guidance for deploying a wide range of solutions including network partitioning, platform hardening, application security, as well as details on common security practices, standards, and guidelines as it applies to the latest technologies.

Following are a few examples:-

- Defining and assessing potential security threats
- Defining segregation principles of all network components
- Defining the firewall infrastructure
- Defining Intrusion Detection mechanisms
- Network segmentation principles
- Defining a general security checklist for securing all operating systems
- Defining secure accessibility principles
- Defining physical segmentation principles
- Designing remote access procedures and tools

For further information:
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Approach



Service Benefits

- Assures secure operation of the design system
- Assures a high security level at an early stage of the system establishment
- Provides industry-leading security expertise in developing an optimized network architecture solution.
- Provides customized network security architecture design in accordance with an organization's unique business and security requirements.
- Prepares the organization for future integration and deployment initiatives, such as Virtual Private Networks (VPN), Public Key Infrastructure (PKI), Encryption and Directory Enabled Network.