



Abstract

Presentation to the San Antonio Chapter of the Information Systems Security Association (ISSA)

Title:

Information Security Architecture in the Healthcare Industry

Time: 1 (60 min)

Instructional Method: Lecture

Audience: Association Members

Level of Instruction: Intermediate

Learning Objectives:

1. Understand the five essential components of an Information Security Architecture
2. Identify the core issues impeding security controls in the academic healthcare environment
3. Understand an adaptive security model: Availability, Integrity, Confidentiality, Management, and Security Culture
4. Identify technical control measure in a defense-in-depth strategy
5. Architecture plus an Information Security Program equals success

Prerequisites: None

Advanced Preparation: None

Contact Information:

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Audio Visual Equipment: Overhead projector and screen, microphone (lapel), PowerPoint Presentation



Abstract:

Information Security Architecture and the Information Security Program must work in tandem, and the core element of security architecture must be implemented. The World is much different than it was yesterday. Regulatory restrictions impact all functional areas of an academic healthcare organization - these regulations are changing the way we do business. Recent events have caused us to look at the world differently. Researchers, faculty, healthcare professionals, and students are not immune to these new threats. The information security function can be a productive vehicle to implement cultural change in process, people, and policy.

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UTHSC – San Antonio
April 2003

Other key areas addressed in this presentation:

Policy

Organizational Structure

Supplier Management

Reporting

Centralized vs. Decentralized

Risk Management

Business Continuity and Recovery

Confidentiality, Integrity, and Availability

Sarbanes-Oxley Act

Gramm-Leach-Bliley Act (GLB)

Homeland Security

Critical Infrastructure

Public Key Infrastructure (PKI)

Incident Response