

€ TRAINING

Implementing IT Security in Your
Organization Risk Analysis & Methodology



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Introduction:

This program provides the necessary step by step approach and methodology for systematically evaluating an information system's security.

Course Objectives:

At the end of this course the participants will be able to:

- Know the information as a source of competitive advantage
- Know the needs for Decision Making
- Limit Information Access
- Make a Systematic evaluation of information system security.

Targeted Audience:

- IT Practitioners
- Cybersecurity Staff

Course Outlines:

Unit 1:

- Practical Issues - The Security Situation
- Security Strategic Issues
- Industry Methodologies, Standards & Best Practices

Unit 2:

- Business Mapping of Operations to Identify Security Risks - Flow Charts
- How Secure are Your Computer Security Fraud Prevention Practices?
- How safe is your computer system from Viruses, hacking, and fraud?

Unit 3: Analyzing:

- Do you have a problem?
- How serious is it?
- What should you do?
- How to evaluate the risk?
- How to implement controls?

Unit 4:

- Methodology for:

- How to identify information assets and controls?
- How to quantify risks, likely damage causes for concern?
- To Understand the responses to any threat know which to use.
- Check your IT infrastructure - Identify weak links
- Review the success of key staff members in implementing controls

Unit 5:

- Clarify your vulnerability to outsiders and staff - including providing them an Action Plan to Preserve Data Security on their Systems and Work Methods
- Planning the Security System
- Information Technology Security Standards Adoption
- Implementing Computer Security Improvements