



IT Security Consulting Service

Addressing information technology security requirements must be accomplished with full consideration of the risk tolerance of the organization in light of the potential impacts, cost, schedule, and performance issues associated with the acquisition, deployment, and operation of the system.

Building a more secure information system is a multifaceted undertaking that involves the use of:

- ✓ Well-defined system-level security requirements and security specifications.
- ✓ Well-designed information technology products.
- ✓ Sound systems/security engineering principles and practices to effectively integrate information technology products into the information system.
- ✓ Appropriate methods for product/system testing and evaluation.
- ✓ Comprehensive system security planning and life cycle management. From a systems engineering viewpoint, security is just one of many required capabilities for an organizational information system.

Working from carefully gathered data about your infrastructure, ITTCI consultants identify vulnerabilities and operational risks in your architecture by performing a thorough analysis of its alignment with industry best practices. Consultants then provide prioritized and actionable recommendations to mitigate the identified operational risks, including improvements to topology, protocols, policy, device configurations, and management tools. By taking this comprehensive approach to assessing the security infrastructure, this service helps your organization improve risk management and satisfy compliance needs by reducing threats to the confidentiality, integrity, and availability of business processes and information.

ITTCI follows common security regulatory and industry compliance standards as well as international standards, including the International Organization of Standardization (ISO) 27000 series and National Institute of Standards and Technologies (NIST) 800-53.