

IT SECURITY RISK ASSESSMENT

Risk management has reached a new level of importance in the information age. The growth of networked information systems and Internet-based commerce creates a potentially dangerous environment. From trade secrets and proprietary information to troop movements, sensitive medical records and financial transactions, critically important data flows through these systems and networks. Unfortunate losses continue to abound, forcing organizations to look for ways to evaluate their security profile and reduce their Information Technology (IT) security risk. Security can be quite complex, even for well-versed security professionals, and it is easy to apply too much security, not enough security or the wrong security components, and spend too much money in the process without attaining the necessary risk objectives. By classifying IT assets, assigning values, evaluating threats, and then determining where and how to implement safeguards, organizations are better able to manage risk on a more “holistic” basis. An effective IT Risk Assessment not only prioritizes risks but details the investment needed to protect against those risks in a sensible manner.

Intekras's IT Risk Assessments utilize the most current risk frameworks such as International Organization for Standardization (ISO) 27000 series or the National Institute of Standards and Technology (NIST) special publication 800 guidelines to identify, analyze, and evaluate the most critical exposures and then recommend ways to treat (mitigate, transfer, or accept) those risks across the following areas:

- Information Security Policies & Procedures
- Organizational Security Management
- Information Asset Management
- Human Resources Management
- Physical and Environmental Security
- Communications & Operations Management
- Access Control Management
- Information System Acquisition, Development & Maintenance
- Information Security Incident Management
- Business Continuity Management
- Compliance Management

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As part of our IT Risk Assessment we can create a return on investment ratio (ROI), balancing the value of the information against the cost of controls to protect it. This allows management to make more informed decisions regarding which controls to implement, based not only on initial cost, but also on threat exposure. *Intekras* is also able to assist in risk mitigation by putting in place security architecture or operational improvements based upon its recommendations - providing a full “turn-key” approach to IT risk.