

VULNERABILITY ASSESSMENT

Many organizations coping with the growth in systems and networks across the enterprise are sometimes unable to identify, quantify, rank and prioritize the extent of vulnerabilities across their infrastructures at the level and frequency demanded in today's perilous environment. As a result, they remain open to inside or outside attacks, data breaches, and other IT failures.

The need to protect critical infrastructures and their interconnected systems as well as information, people, equipment, facilities and operations requires a comprehensive systematic evaluation of risk and careful, planned application of countermeasures to improve overall organizational security.

Intekras's experienced security personnel are able to perform an extensive assessment of these risks by performing the following steps:

- Cataloging of information resources (systems, networks, applications, etc.).
- Assigning quantifiable value (or at least rank order) and importance of these resources.
- Identifying the vulnerabilities or potential threats to each resource.
- Ranking the level of risk to these resources by the likelihood of compromise and its impact.

Intekras's holistic approach to Vulnerability Assessment takes into consideration vulnerabilities across all information assets, including the following:

- Network assets, such as routers, switches, VPN concentrators, PBX's, VoIP devices, and wireless access points
- Computing assets, such as desktops, laptops, mobile devices, and servers
- Security assets, such as IDS/IPS, Firewalls, Anti-Virus, and SIM devices
- Web assets, such as eCommerce, Web 2.0, DNS, Web sites, and Webservices
- Application assets, such as databases, transaction processing, and messaging

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In addition, *Intekras's* Vulnerability Assessments review the organization's Incident Response capabilities, operational protocols, policies and procedures, and other compensating controls to determine the extent of damage that could result from a data breach or other security failure.

Through the use of state-of-the-art scanning and testing tools - combined with a scheduling and project management protocol - *Intekras* consultants are able to put in place a rigorous and effective assessment methodology that improves an organization's security posture on an on-going basis, minimizes the need for expensive internal training, conducts assessments more quickly, and provides a more accurate, useful assessment based upon a solid foundation of risk.

