

## Addressing Insider Threats, Cyber Attacks & Data Security

The only way banks can eliminate risks is to cease business operations. In this environment of pervasive and ever evolving threats, organizations must institute risk management strategies to reduce the likelihood of a successful attack and mitigate the impact of any breach.

Effective Risk Management requires a comprehensive organizational effort to develop and maintain a capable defense in depth with effective technical and administrative controls. Without a comprehensive approach, security weaknesses will arise which can lead to a compromise despite the quality of other implemented controls.

Many successful attacks use a combination of technical and social engineering exploits. The bank's full range of potential threat actions must be recognized and defense in depth developed to protect against the defeat or circumvention of any specific control. Info@Risk's Comprehensive Penetration Test assesses the security of information systems from all attack vectors (technical, physical, human) to identify the areas of greatest weakness so the bank can prioritize mitigation strategies. This gives the bank assurance that their mitigation isn't simply focused on information systems that have been tested and confidence that the avenues for the most likely or impactful attacks are recognized and managed.

Developing and maintaining effective risk management practices requires a dynamic approach and a clear understanding of the business needs and risks of the organization. To enable the bank to confidently identify the information security controls needed to protect its data types from their threats, Info@Risk's Information Security Program Review provides a complete catalog of applicable information security controls for the institution, and documents the completeness of their implementation through review of the documented information security program. This process enables the bank to proactively deploy effective information security controls needed to protect its data types from its threats.

An additional element in proactive risk management is a meaningful risk assessment. Many current risk assessment methodologies are solely focused on regulatory compliance and do not provide useful guidance for managing risks. Info@Risk's Risk Assessment methodology evaluates the anticipated vulnerabilities and predisposing conditions affecting the confidentiality, integrity, and availability of organizational information systems. Utilizing a process for identifying all information systems that store, transmit, or generate restricted information, the bank can be assured that assets in need of protection are identified and managed.

Effective risk management starts with an understanding of all potential threats and is maintained through continued assessment and monitoring to guide its development. Having partnered with banks since 1998, Info@Risk's services are specifically designed to inform banks of the full range of existent threats to information systems and assist in developing the processes and procedures best suited to balance information security with business needs. As an assessment-only firm, Info@Risk gives the bank confidence in the objectivity of all assessment services, with the only goal being to provide the most effective guidance for improving the bank's information security.



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**David Trepp**, President and CEO of Info@Risk, has been a technology entrepreneur since 1989. David first led the growth of InfoGroup Northwest (now Presidio) from four employees to the largest independent information systems integrator in the Pacific Northwest. Leveraging his unique experience building information systems, David launched Info@Risk in January 1998, with the single purpose of assessing clients' information system security. Since then, he has led over 500 information security assessment engagements for satisfied customers across all major industries throughout the United States. David was awarded the U.S. Army Achievement Medal in 1982 and graduated with a B.A., Magna C. Laude and Phi Beta Kappa from the University of New Hampshire and holds a M.S. from the University of Oregon.