

LOWERS & ASSOCIATES

INTERNATIONAL RISK MITIGATION PARTNERS



## IT RISK MANAGEMENT

MITIGATING IT RISK

SOLUTIONS  
TO MINIMIZE  
YOUR RISK

### IT RISK MANAGEMENT

Lowers & Associates (L&A) is an expert in the field of IT risk management. Our job is to identify vulnerabilities and help you to take precautions to minimize your risk.

We can help you determine if your current technology infrastructure is putting you at risk – whether from internal or external attacks, natural or man-made disasters, poor IT governance, or a lack of regulatory compliance. With so much of an organization's future (and its bottom line) dependent on the confidentiality, integrity, and availability of its information-based assets, our clients depend on L&A to help them manage and mitigate their IT risk.

**Risk Assessment • Audit • Investigation • Compliance**

### RISK ASSESSMENT

Lowers & Associates (L&A) is dedicated to mitigating IT-based Business, Organization, and Technology risks both proactively and reactively, depending on the client's needs. To mitigate your risks we begin with a thorough Business Impact Analysis, which is tailored based on your business model, industry sector, and level of exposure. We then perform a number of risk assessment activities based upon client need and risk level, which may address any or all of the following:

- IT Governance
- Penetration Testing
- Vulnerability Scanning
- Application Security
- Internal Controls
- LAN/WAN Security
- Mobile and Wireless Security
- Intrusion Detection and Prevention
- Internet/eCommerce Security
- Viruses and Other Malicious Software
- Incident Response
- Disaster Recovery and Business Continuity
- Physical and Environmental Security

We then help you to prioritize the threat. Your risk will be weighed against business impact and loss probability, as well as the level of effort required for mitigating the risk exposure.

### AUDITS

L&A can help you prepare for, and respond to IT audits performed either by internal or external auditors and examiners. We are able to perform our reviews (or perform audits in partnership with external parties) based upon the following frameworks and processes:

- ISO Information Security Management Standard 17799/27001.
- Control Objectives for Information and related Technology (COBIT)
- National Institute of Standards & Technology (NIST) SP-800 Series

- IT Infrastructure Library (ITIL)
- IIA Guide to the Assessment of IT (GAIT)
- AICPA Statement of Auditing Standards (SAS) No. 70
- Federal Financial Institutions Examination Council (FFIEC) IT Handbooks

### INVESTIGATIONS

Whether you face the theft of intellectual property and other sensitive data, fraud and embezzlement, industrial espionage, or internal employee issues, L&A specializes in the identification, preservation, discovery, and retrieval of electronic evidence. Our digital forensics experts can assist in data collection, chain of custody preservation, findings verification, and litigation efforts. Through the use of advanced forensics tools and methodologies, we're able to prove intentional data destruction, information transfer, emails sent/received, Internet usage, and document/file creation and usage – and can help you ensure that such acts are not repeated. We provide detailed and summary findings in a format that is usable by non-technical personnel, attorneys, judges, and juries.

### COMPLIANCE

L&A is dedicated to assisting you in understanding and meeting your obligations in the dynamic compliance landscape. We will help you to build your Compliance Program, as well as ensure on-going compliance with the relevant guidance and regulations. We assist our clients to maintain IT compliance with such regulations and industry standards as:

- The Sarbanes-Oxley Act
- Basel II
- Gramm-Leach-Bliley Act
- Health Information Portability and Accountability Act (HIPAA)
- Payment Card Industry Data Security Standard (PCI DSS)
- USA PATRIOT Act
- Federal Information Security Management Act (FISMA)
- Banking Regulations from FRB, FDIC, OCC, etc.



### PROVEN SOLUTIONS

A community bank client uses L&A's IT Risk services across a number of fronts – from performing risk assessments and managing mitigation efforts, to carrying out internal investigations and drawing up incidence response and business continuity plans. Furthermore, we have helped the bank prepare for, and respond to bank examinations at both a state and federal level, and continue to support the bank's IT security efforts on an on-going basis.

Give L&A a call today to learn how we can help you!