

LOWERS RISK GROUP

# Cyber Risk Management

## Build a Stronger, More Secure Information Technology Infrastructure

Today, companies rely on technology more than ever to get business done, so they face tremendous risks to the confidentiality, availability, and integrity of their information assets. In addition, new regulations and laws mean that executives must be certain that they are protecting the sensitive data on their computer networks and ensuring that their technology investments are being properly managed.

Penalties for noncompliance are high and reputation risks are higher.

Lowers Risk Group (LRG) is an expert in the field of Information Technology risk management. Our job is to identify vulnerabilities and help you to take precautions to minimize your exposure. 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.

Risk Assessments | Audits | Investigations | Compliance

## Solutions to Reduce Internal and External Risk

### Risk Assessments

The risk assessment begins with a thorough business impact analysis tailored to your business model, industry sector, and level of exposure. We then perform a number of assessment activities based upon your needs and risk level, which may address any or all of the following:

- IT Governance
- Penetration Testing
- Vulnerability Scanning
- Application Security
- Internal Controls
- Social Engineering Testing/Training

- LAN/WAN Security
- Cloud Security
- Mobile and Wireless Security
- Intrusion Detection and Prevention
- Viruses and other Malicious Software
- Incident Response
- Disaster Recovery and Business Continuity
- Physical and Environmental Security

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

LRG 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 27001/27002:2013
- 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
- Payment Card Industry (PCI)

## Investigations

Whether you face the theft of intellectual property and other sensitive data, fraud and embezzlement, industrial espionage, or internal employee issues, we can assist 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.

## Compliance

We are dedicated to helping you understand and meet 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 can help you 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

- ✓ 25+ years of risk management experience
- ✓ Expert evaluation and assessment reporting
- ✓ Strategic approach to risk mitigation program development
- ✓ Ongoing service that ensures long-term success
- ✓ Immediate action when time is of the essence