

COMPLIANCE, RISK & RESILIENCE: CYBERSECURITY RESILIENCE

After a cyberattack, many organizations focus primarily on incident response and forensics through a breach coach or outside counsel. They may overlook their obligation to anticipate and manage the impact of operational downtime from the resulting loss of IT infrastructure and inaccessible data.

Cyber attackers are increasingly deploying destructive malware expressly designed to take out IT capacity, destroy the hardware on which companies depend, and extract ransoms to decrypt files. This dangerous trend highlights the need for contingency planning for the operational downtime risk triggered by this attack vector.



Risk professionals are becoming aware of the evolution of cyber risk from simple data security to interdependent risk that includes business interruption and disastrous operational downtime. Many organizations now seek cyber-triggered business interruption insurance as much as they do traditional data breach coverage. Our cybersecurity experts offer pre-incident and post-incident services for recovery and operational restoration that form core elements of a comprehensive cyber readiness and resilience strategy.

Our Business Continuity Planning (BCP)/Disaster Recover (DR) experts help clients understand the nuances and often complex process interdependencies among critical functions, both within the enterprise and across their supply chain. We help ensure that the operational recovery priorities are developed using consistent criteria and measurement — and that business demand for IT recovery resources are aligned with the IT department's ability to provide the post-incident infrastructure that supports mission-essential functions and processes.

By developing continuity and recovery plans on our mobile crisis management application, available on all devices from the App Store, B. Riley Advisory Services enables secure, role-based, collaborative crisis response and recovery after a cyber incident. We work closely with insurance brokers everywhere. Our team approaches the business interruption (BI) claims process as a respected, trusted partner to underwriters.

Today's operations depend on IT more than ever—up to 80% of the typical company's assets are digital. Nefarious malware intended to render critical IT infrastructure permanently dysfunctional puts the mission of functional and process continuity at direct risk. This was seen in the operational downtime and business process disruptions suffered by even sophisticated enterprises in the wake of the WannaCry, NotPetya, and 2014 North Korean attack on Sony. We prepare clients with plans that anticipate operational disruptions so they can respond more effectively to an attack, recover, restore essential functions and processes faster, and proactively navigate the BI claims process.

SERVICES

Our team works with clients to assess and help in the following:

- Business continuity and IT disaster recovery plan post-incident review, updates, and improvements
- Post-incident after-action reviews and lessons learned reports
- Post-incident reviews of the incident response process and effectiveness of the crisis management plan

REPRESENTATIVE ENGAGEMENTS

BCP Program after Breach of Large Hotel Chain

Our team was engaged to assist a company suffering a data breach at a hotel gift shop located in the EU that triggered a negative media situation. We developed a crisis management and BCP program that included escalation procedures, policies and a global mobile technology for all crisis communication across its global footprint.

Post Breach BCP/DR for Large City

Our team was retained to formalize a city's business continuity and IT disaster recovery program for the entire IT environment across the city, encompassing water districts, airport, fire and police agencies along with finance and operations.

Airport BCP Project Resulting from Sustained Cyber Threats

Our team was engaged by a major regional airport authority after having received continued cyber threats to its runway lighting, transportation, HVAC and other infrastructure elements. We enhanced its BCP capabilities across the airport infrastructure.

THE B. RILEY DIFFERENCE

Our crisis, continuity, and recovery experts are uniquely experienced in business continuity planning and IT disaster recovery planning for global clients in all sectors. We have helped revolutionize emergency and crisis management by "mobilizing" these contingency plans on a unique platform that enables more effective incident response. We work closely with forensic accountants who specialize in business interruption claims quantification triggered by cybersecurity breaches, helping clients through a unique, collaborative claims-management process with their insurance brokers and underwriters. We offer crisis communications and media management capabilities that are based on the expertise and experience of an award-winning investigative TV reporter who prepares public-facing executives for the aggressive press coverage and negative social-media attention that often accompany a cyber incident.

PRACTICE LEADER

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ABOUT THE FIRM

ABOUT B. RILEY ADVISORY SERVICES

B. Riley Advisory Services provides specialty advisory services and solutions to complex business problems and board-level agenda items. Our team applies a unique mix of skill sets to address top-level, non-typical business challenges, such as developing compliance and risk systems for organizations, planning and executing a major acquisition or divestiture, pursuing a fraud investigation or corporate litigation, or managing through a business crisis or bankruptcy. In addition, we are a leading provider of valuation and appraisal services for asset-based lending applications.

Our team works with lenders, law firms, government entities, private equity sponsors and companies of all types. Our Advisory Services are a unique mix of Compliance, Risk & Resilience Services, Valuation and Appraisal Services, Restructuring and Turnaround Management, Operations Management Services, Forensic Accounting and Litigation Support and Transaction Support Services including Due Diligence and Quality of Earnings Reviews. B. Riley Advisory Services is a combination of the firms formerly known as GlassRatner Advisory & Capital Group and Great American Group.

ABOUT B. RILEY FINANCIAL (“B. RILEY”)

B. Riley Financial, Inc. (NASDAQ: RILY) companies provide tailored financial solutions to meet the strategic, operational, financial advisory and capital needs of its clients through a diverse range of collaborative and complementary business capabilities.

B. Riley's diverse suite of business capabilities goes beyond traditional financial service offerings. By leveraging cross-platform expertise and assets, our business units are uniquely positioned to provide full service, collaborative solutions at every stage of the business life cycle and in all market conditions.