



*The cost of not integrating an IT risk mitigation plan into your business can be staggering. A 2015 international study of 350 companies revealed a 23% increase in costs associated with data breaches in the last two years. While the cost of compromised data varies by industry, the average total is \$3.8 million.<sup>1</sup> Businesses also have to consider less quantifiable costs—such as loss of trust among customers and the investment needed to rebuild brand image—on the overall impact to their bottom line.*

<sup>1</sup> PR Newswire, Ponemon Institute, Cost of Data Breach Study, 2015

## A Data Security Breach Will Damage Your Business.

### Take Control of Your Security and Minimize Your Risk

IT leaders understand the strategic relevance of securing enterprise-critical information. The risks go far beyond anti-virus or firewall protection, or simply “data security.” Competitive infiltration of your network and the loss of intellectual property is the real threat – negatively impacting your market position, eroding your existing client base, and undermining your business’ bottom line.

Taking a project-by-project or compliance approach to IT security is limiting. While it helps mitigate some business risk, it doesn’t provide a comprehensive strategy for long-term success. In today’s brutally competitive landscape, the reality is that information security must be treated as a business function; yet, one in three companies doesn’t have a written information security policy, let alone an Enterprise Security Architecture.<sup>1</sup>

### The Black Box Solution

Black Box Business Risk Services can help. We work with our clients to assert a proactive stance in reducing their business risks. Our approach is to:

- ▶ Understand your business, goals, and brand value
- ▶ Assess your existing critical data, data structure, and any associated adversarial threats
- ▶ Simulate an advanced adversarial breach and test your teams’ detection and reaction capabilities
- ▶ Analyze the likelihood and potential impact of a data security breach to your business through our risk assessment services

As a trusted, third-party risk advisor, Black Box will partner with you to anticipate and avert potential threats **before** they happen. With our help, you will uncover and understand your organization’s business risks, and make educated, cost-appropriate decisions to protect your proprietary data. Our comprehensive business risk services include both holistic business risk assessments, and enterprise security architecture.



## Business Risk Assessments

The first step in minimizing risk is to evaluate all enterprise-wide internal and external systems for potential threats and weaknesses. Black Box will begin the process with a comprehensive assessment that evaluates non-technical factors first, including:

- » Business Systems Analysis
- » Adversary Analysis
- » Penetration Testing
- » Business Impact Analysis

Upon completion of this holistic business risk evaluation, your posture will be analyzed thoroughly, and Black Box will create unique enterprise security architecture that mitigates any identified system threats, and delivers the security solutions you need to protect your company's intellectual property and/or business critical data.

## Enterprise Security Architecture

Our understanding of your business and any associated risks, allows Black Box to assist you in developing a true strategic enterprise security architecture that will protect your business-critical data and assets, ensure regulatory compliance and/or industry best practice, and protect your brand. Black Box takes a multi-tiered, comprehensive approach to designing and implementing the enterprise security architecture. Our deliverables go beyond basic technology and include:

- » Risk Management
- » Compliance and Standards
- » Architecture guidance
- » Process development and implementation
- » Defense-in-Depth strategies
- » Tangible metrics

Our industry-leading business risk capabilities combine our in-depth IT expertise with a portfolio of analysis solutions to assure the best results for your business. Black Box has the solutions you need to protect the intellectual property and/or business critical data upon which your business is built.



For more information on Black Box Business Risk Services, contact us at [businessriskinfo@blackbox.com](mailto:businessriskinfo@blackbox.com) or visit us on the Web at: [blackbox.com/solutions/communications/network-security.aspx](http://blackbox.com/solutions/communications/network-security.aspx)

<sup>1</sup> Dipietro, B. (9/19/14). Survey Roundup: Cyber Gaps Keep Companies at Risk, The Wall Street Journal, Risk & Compliance Journal. Retrieved from <http://blogs.wsj.com/riskandcompliance/2014/09/19/survey-roundup-cyber-gaps-keep-companies-vulnerable/>

<sup>2</sup> IBM Security Services 2014 Cyber Security Intelligence Index, April 2014.

<sup>3</sup>AFP, Cost of Cyber Attacks Jumps for US Firms: Study, October, 2014.