QUICK FACTS

Industry: Financial Services

Company Type: B2C Online Banking Solutions Provider

Location: United States

Number of Employees: 500-1,000

Needs & Requirements:

- Protect critical data (customer data, credit data and financial data) and online banking systems against intrusions
- Assess strengths and weaknesses of current security measures
- Identify a clear path to effective security planning
- Get recommendations on how to strengthen security posture and protect business
- Maximize ROI of cybersecurity-related expenses

Organizations of all types and sizes are struggling to protect their critical data against breaches, leakage and intrusions. But what do you have to do to strengthen your cybersecurity defenses? It all starts with defining your cybersecurity posture.

Find out how we have helped a financial institution with online banking operations define its current cybersecurity posture, identify security gaps and propose concrete recommendations to strengthen its cybersecurity defenses going forward.

THE CHALLENGE

The Chief Security Officer (CSO) of this B2C online banking solutions provider is under a lot of pressure to protect the organization's critical data and ensure uninterrupted operations of its online banking function. Especially because business activities revolve around online banking, 24/7 connectivity and the storage, transmission and handling of large amounts of critical data, the firm has become a high-value target for cyberattacks originating from the internet. In addition to juggling with day-to-day responsibilities, the CSO struggles with aligning his security projects and spending to corporate objectives, and needs to identify where he stands, where he needs to go and what needs to be done to get there.

He reached out to Hitachi Systems Security to help provide an overview of the organization's cybersecurity posture as a first step towards improving it.

THE SOLUTION

We realized that the CSO wasn't too sure where to start, and proposed a **Cybersecurity Posture Assessment** to meet his requirements for a clearly-defined cybersecurity posture and a cybersecurity roadmap for improvement at the same time. It provides an overall view of the organization's internal and external security posture by integrating all the facets of cybersecurity into only one comprehensive assessment approach. Unlike a Penetration Test or a standard Information Security Audit, a Cybersecurity Posture Assessment will provide C-Level Executives with clarity and direction in terms of their organization's cybersecurity posture to maximize the ROI of their security-related expenses.

More specifically, it helps organizations asses and improve their cybersecurity posture by:

- Identifying and managing the value of their data
- Defining the cyber risks and threat exposure of their data
- Evaluating whether appropriate, reliable and efficient security measures are in place
- Recommending a concrete action plan to better control their exposure and strengthen cybersecurity defenses

DELIVERABLES

At the end of the 10-week Cybersecurity Posture Assessment, Hitachi Systems Security provided this B2C online banking solutions provider with the following deliverables:

1. Statement of Sensitivity (to define which data is critical to the business and why)

2. Enterprise Cybersecurity Framework Analysis (to assess whether IT risk and information security risk frameworks are aligned to support business goals and objectives)

3. Cybersecurity Controls Maturity Assessment (to assess the maturity of existing controls, based on either ISO27001 and/or SANS CIS CSC 20)

4. Threat and Exposure Assessment (to determine the organization's exposure to threats and attacks)

5. Cybersecurity Posture Assessment (to define the organization's overall cybersecurity posture and capabilities to manage its defenses)

6. Prioritized Improvement Plan (to indicate concrete recommendations for improving the organization's cybersecurity posture, based on best practices and project findings)

MAIN BENEFITS

Know your cybersecurity posture

Understand where you are, where you need to go and what needs to be done to get there

Targeted spending on safeguards to strengthen your cybersecurity posture

Deeper knowledge of asset vulnerabilities and the threats that can exploit them through proactive risk management

Build a bridge between enterprise risk management and operational security efficiency

Get a clear roadmap for cybersecurity priorities to maximize your ROI

For more information about how we can help your organization strengthen its cybersecurity defenses with a Cybersecurity Posture Assessment, contact us at info@hitachi-systems-security.com.

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