

MANAGED SECURITY SERVICES FOR THE BANKING INDUSTRY

Cybercrime is becoming an important factor for CIOs and IT professionals, but also for CFOs, compliance officers and business owners. The current cyber security threat landscape is getting more and more complex and the decision of buying and implementing solutions to defend against it can be quite challenging.

QUICK FACTS

Industry: Commercial and Consumer Banking

Company Type: eCommerce

Location: 2 Primary and 3 Secondary Data Centers in 4 Countries

Number of Employees: 2,000+

Needs & Requirements:

- 24/7 information systems monitoring
- An integrated infrastructure to enable global monitoring while keeping granularity to interact site per site
- A qualified incident response team
- Respecting the allocated IT budget
- Security posture monitoring
- Remote intervention service

THE CHALLENGE

- Costs involved with hiring, training and maintaining the full regiment of human resources required to run a 24/7 monitoring center;
- Complexity in identifying suitable commercial applications to assist in the building of the monitoring service;
- Delay of implementation to comply with project and business objectives;
- Design of thorough and efficient intervention process for intrusion attempts and incident management;
- Cost control over the infrastructure changes generated by renewed and increasing support costs, material upgrades as well as training to maintain continuous staff competency.

THE SOLUTION

- Managed Security Monitoring and Intervention services: Managed Monitoring and Intervention service on system's intrusions.
- Prevention, Detection, Intervention, Quality of Service (QoS) monitoring, Availability monitoring, security policy enforcement.
- The service offered covers the entire IT infrastructure; both the data centers and e-banking infrastructure.
- Management services are provided for all security servers covering the various security functions on the network; Firewall, VPN, Authentication, Log management, Anti-virus.
- Monitoring contract started in 2002 and still in effect.

MAIN BENEFITS

Thanks to Hitachi Systems Security Inc.'s managed security services, the company now benefits from a 24/7 incident response team – an organizational necessity in today's world of insider and advanced targeted threats – and was able to:



Gain real-time visibility of the threats affecting the company's IT environment in a prioritized fashion



Increase signal to noise ratio so in-house staff could be involved only when their precious time was needed



Harden the company's overall security posture, all while respecting the allocated IT budget



Improve management reporting with monthly executive reports, generated by Hitachi Systems Security Inc.'s certified Information Security Analysts



Achieve far superior reaction time to security incidents through 24/7 incident response management



Achieve consistency and efficiencies across the organization, leaving the company's IT security staff more time to engage in value-added activities

SERVICES PROVIDED

A team of Hitachi Systems Security Inc.'s Senior Cyber Security Experts collaborated on this engagement:

- Investment recovery of previous IDS infrastructure that was integrated in current Managed Security Monitoring and Intervention service.
- Monitoring infrastructure deployed over 4 countries and 5 physical locations within a week.
- Average time of response on Intrusion of 100 seconds.
- Monitoring infrastructure scalable up to Gigabyte traffic level.
- 99.9% service availability.
- Full-time vulnerability assessment on monitored network components
- E-transaction service availability validated through a User Simulation Module.
- Remote incident response.

Hitachi Systems Security Inc.

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