CASE STUDY

SECURITY ASSESSMENT

VULNERABILITY SCANS

PENETRATION TESTING

FORESITE
VISIONARY SECURITY & COMPLIANCE SERVICES

Business Challenges

- Internal staff have no cybersecurity training

Opportunities

- Business intelligence gathering
- Vulnerability Scans and Penetration Testing
- Email phising
- Network security architecture review

Foresite Solutions

- Cybersecurity Assessment
- Social Engineering

BACKGROUND

A national brokerage firm came to us for an outside review of their information security, after growing concern over the almost daily reports of cyber breaches within the financial sector. The firm's network was large, and was spread across four physical locations within the US. While the firm maintains an internal IT staff, none of the staff have formal cybersecurity training. It was important for them to have a firm specializing in cybersecurity to confirm the best practices were being followed, to protect the financial data that is entrusted to them.

OUR **OBJECTIVES**

- ☐ Identify what information a hacker could find and use to attack them via the internet
- ☐ Test security awareness of all staff members
- ☐ Confirm that their internal IT team's patching of vulnerabilities was up to date
- ☐ Verify the security devices in place were properly configured

OUR **SOLUTION**

Foresite customized a Cybersecurity Assessment to hit of the firm's objectives. We began by visiting each physical site to review the device configurations and set up the internal vulnerability scans. Our social engineering team worked remotely via the internet, to gather intelligence on the firm and its staff which could be used to target the firm or staff in a cyber attack. This intelligence was then used in our external penetration testing to see what weaknesses could be exploited. The firm's expectation was that they were being proactive in securing their network. We were able to gain access to proprietary data, found over 40 unpatched critical or high known vulnerabilities, and were able to get 10% of their staff to click on our pseudo malware link and/or submit forms with their full network credentials. Our specific recommendations for each vulnerability, will help internal staff properly remediate and significantly increase the firm's security level.

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