



# FINANCIAL SERVICES CUSTOMER

*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 U.S. While the firm maintains an internal IT staff, none of the staff have formal cybersecurity training, so it was important to them to have a firm specializing in cybersecurity to confirm that best practices were being followed to protect the financial data that is entrusted to them.

## THE CLIENT HAD SEVERAL KEY OBJECTIVES FOR THIS PROJECT:

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

## WE HAD THE SOLUTION:

Foresite customized a Cybersecurity Assessment to hit all of the firm's objectives. We began with visits to each physical site to review the device configurations and set up the internal vulnerability scans. Our social engineering team worked remotely to gather intelligence on the firm and its staff that is readily available via the internet and 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 results were very eye-opening, as the firm's expectation was that they were being very proactive in securing their network. In fact, 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 (log in and password information). These credentials can be used by a hacker to gain authorized access and potentially remain undetected for months, or even years. Our very specific recommendations for each vulnerability will help the internal staff to properly remediate and significantly increase the firm's security level.

## SERVICES PERFORMED FOR THIS ENGAGEMENT INCLUDED:

- Business intelligence gathering
- Internal and external vulnerability scans and penetration testing
- Email phishing
- Network security architecture review

## ABOUT FORESITE

Foresite is a global service provider delivering a range of managed security and consulting solutions designed to help our clients meet their information security and compliance objectives. In the face of increasingly persistent cyber-threats, Foresite's solutions empower organizations with vigilance and expertise to proactively identify, respond to, and remediate cyber-attacks and breaches where they occur.

Our team of industry veterans work as an extension of our clients' staff providing peace of mind while securing their most important assets. For more information, visit us at <http://forsite.com> or contact us at [info@forsite.com](mailto:info@forsite.com).