



RETAIL GROCERY CHAIN CUSTOMER

A retail grocery chain was working with their Point of Sale vendor on compliance requirements for processing credit cards when they realized that those guidelines didn't address all aspects of their cybersecurity for their headquarters and their retail locations. Their CFO was referred to Foresite by a former client.

We met with the CFO, IT team, and several department heads as well as their main vendor who also maintains systems within the company's network, to discuss their concerns and objectives. We all agreed that the National Institute of Standards and Technology (NIST) cybersecurity framework was the appropriate benchmark to use for this engagement.

THE FOLLOWING OBJECTIVES WERE CONFIRMED FOR THIS PROJECT:

- Confirm current state of cybersecurity using NIST cybersecurity framework
- Identify where the chain was not meeting the framework guidelines
- Outline steps for remediation to be handled by the internal IT staff
- Establish a relationship with Foresite's cybersecurity and compliance team for ongoing consulting as needed

WE HAD THE SOLUTION:

The Security Assessment was performed in phases; beginning with the email phishing campaign. Foresite's Social Engineering team created a campaign that would appear to come from the chain's internal IT team, asking staff to click a link to a website where they would then enter their user name and password credentials. Although a third of the staff opened the email, only 10% clicked the link, and only 1 staff member entered their credentials. A similar ruse was used in the telephone phishing, and we successfully convinced two more staff members to provide their login and password information. The cyber testing showed that while the perimeter was very well secured, the internal network had a number of vulnerabilities that could provide access to protected data.

Our final recommendations included formalizing an ongoing patching policy to address known vulnerabilities within 30 days, implementing security awareness training via online site so that existing staff can take the courses at times that fit their schedule and the sessions can be added to the onboarding process for new hires, and detailed steps for remediation of the internal weaknesses and missing documentation.

FORESITE PROVIDED:

- NIST Cybersecurity Assessment
- Social engineering via email and telephone phishing campaigns
- Internal and external penetration testing and vulnerability scans
- Review of documentation, including Disaster Recovery and Business Continuity Plans
- Advisory Consulting

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://foresite.com> or contact us at info@foresite.com.