Case Study

CYBERWISSEN
Committed to Excellent

Security Assessment
Functional Testing & Social Engineering
Financial Industry

Business Challenges

- Client subject to annual audits
- Lack of trained cyber security internal staff
- Reliance on security personnel of commercial building for some of firm's physical security

Business Opportunities

- Identify vulnerabilities to be addressed
- Confirm building personnel are following security rules
- Verify security awareness of firm's staff to keep sensitive data protected

CyberWissen Solutions

- On site consulting to perform pre-audit functional testing of network
- Physical social engineering to validate building security and staff's adherence to establish cyber security policies and procedures

Background

A firm in the finance sector performs audits to ensure they are doing everything they can to protect the financial data of their clients. CyberWissen has been contracted to send one of our auditors on site each year to perform functional testing of their cyber security controls and social engineering on the security personnel in the commercial building the firm is located in, as well as the firm's own staff.

Objectives

- Assist firm in maintaining secure environment to protect financial data
- Preparation for outside audit to provide attestation of security to Board, clients and commercial insurer
- Assess firm's network & physical security and establish cyber security policies and procedures

Solution

Functional testing of the technical controls shows vulnerabilities are being patched in real-time and configurations are following best practices, however, several weaknesses were uncovered with the social engineering we performed while on site. Multiple documents containing sensitive information were found out in the open. Although physical access would be required, vendors and cleaning staff have would have easy access. A recently purchased SIEM solution had been partially configured for the firewall logs, but was not providing any correlation with log data from servers, endpoint/AV or other network devices. Overall, the technical controls were strong but more focus was needed on training staff keep best security practices.

Risk Assessment
Finding your secuirty gaps before it's too late

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