



IS YOUR NETWORK SECURE?

On July 31, 2014, the U.S. Department of Homeland Security issued an advisory, warning retailers about a type of malicious software attacking point-of-sales systems, dubbed "Backoff," and undetectable by most types of antivirus software. A string of high-profile security data breaches at retailers such as Target and Neiman Marcus Group, restaurant chain P.F. Chang's China Bistro, and now shipping company UPS, has many businesses that accept credit cards wondering if their network is secure. There are hackers around the world searching systems to find the one vulnerability that gives them access to a company's most valuable information— from credit card numbers and expiration dates to customer names, addresses and even social security numbers.

From breach investigation and remediation to policy and procedure development to data security technologies consulting, Warren Averett can help your company adopt a proactive approach to compliance and minimize the risk of a security breach. This starts with a security breach risk assessment.

WHY SHOULD I INVEST IN A DATA SECURITY RISK ASSESSMENT?

- Any business that accepts credit cards is required to meet the requirements of Payment Card Industry Data Security Standard compliance (PCI). The extent of the requirement is based on the number of transactions made each year.

The lowest requirement is level four, which is 20,000 or fewer transactions a year. This requires you to complete an online Self-Assessment (SAQ) and pass a quarterly vulnerability scan. We have found that many companies aren't following the basic requirements.

- Data breaches cost organizations an average of \$3.5 million last year.* If you can stop the breach before it happens, you'll be better off.
- Penalties from PCI, can put a significant dent in a company's earnings, but they are nothing compared to the damage that a data security breach can do to your business and its reputation. If your security is compromised while out of compliance, you run the risk of losing your merchant account, which means you'll be unable to accept credit cards.

*2014 Cost of Data Breach Study: United States, IBM/Ponemon Institute.

WHAT DOES AN ASSESSMENT INCLUDE?

Warren Averett typically begins with a vulnerability assessment of your internal and external network environment, and identifies holes and vulnerabilities in your systems.

If we discover vulnerabilities, then we can conduct a penetration test. Penetration testing identifies exploitable vulnerabilities in your data security

which can be compromised by hackers. Tests are run on software and devices within your system to inspect web applications and databases, and to search for malicious intrusions, such as adware and spyware. Tests are also performed on various data security measures, including firewalls, anti-virus tools, patches, internal controls, remote access, and more. If your company requires a PCI scan, we can help you facilitate the scan and make any adjustments required.

HOW CAN WARREN AVERETT HELP?

It's important to have trained professionals to review your network. We have found that many companies that have a third party credit card processor don't even realize they are storing credit card numbers on their servers. We offer you an executive summary detailing the most critical areas needing improvement, plus a more detailed report listing all vulnerabilities found. Plus, our team will meet with you to explain our findings and suggestions for remediation steps.

“When our system was compromised, we hired Warren Averett Technology Group to perform a vulnerability assessment and internal network security check. Not only did they identify the threat and contain the intrusion quickly, but they created a network security policy and best practice guide to prevent the issue from happening again.”

– Warren Averett Technology Group client



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Our professionals offer the highest level of technical expertise and client service to ensure a trusted business partnership. We offer services in the following areas:

Technology Services

- Network Engineering and Management
- E-mail and Mobility Solutions
- Backup, Storage & Recovery
- Security and Threat Management

Business Software

- Accounting and Financial Reporting
- Human Resources and Payroll
- ERP and Supply Chain Management
- Custom Development and Integration

Technology Consulting

- Software Evaluation and Selection
- Technology Review and Assessment
- Strategic IT Planning and Budgeting
- Disaster Recovery and Continuity Planning

To find out how we can help your business thrive, contact Jason Asbury at 334.260.2402.

For more information on Warren Averett's services visit warrenaverett.com.