

Restaurant Chain Achieves PCI Compliance and Increases Customer Data Protection

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Bouncing back from a breach can be costly – this client used the opportunity to create a holistic and manageable security program.

A large restaurant chain collecting customer data at more than 200 locations across the U.S. and Canada experienced a breach of its point-of-sale (POS) systems. Though a secure connection was used to send customer information to a main data center, several of the POS systems were compromised with data-stealing malware that was siphoning off credit card information to an external system.

Because PCI standards require compliance at the highest level after a breach, the company needed to become compliant quickly and cost-effectively, in addition to addressing its overall security program.

What was the best way to approach this challenge?

- Remediate affected point-of-sale systems and create a cost-effective solution.
- Identify and address additional security gaps.
- Create a plan for the future based on a layered security approach.

PROJECT OVERVIEW

Organization Size:
200 locations

Organization Industry:
A large North American family restaurant chain

Challenge:
To remediate a recent breach for PCI compliance while reducing associated time, costs and allocated resources.

IMPACT

- Implemented holistic security strategy by augmenting IT resources.
- Safeguarded customer payment card information across the network.
- Increased protection from malicious attacks.
- Helped ensure ongoing PCI compliance.

SECURITY ASSESSMENT SERVICES: Creating a Holistic Security Program



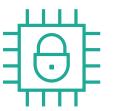
Breach remediation

After the breach, Optiv pinpointed and fixed the affected POS systems. They also scanned unaffected systems to help ensure they were clean.



Ongoing security program

Optiv then helped the restaurant chain create a manageable, ongoing security program that met PCI requirements and provided regular monitoring and updates.



Program Components

The new security program included:

- Regular penetration testing
- New vulnerability management technology
- A file integrity management solution
- Wireless intrusion detection and prevention system
- Patch and configuration management software
- Next generation firewall appliances



Compliance Management

After new processes and technology were in place and the company was PCI compliant, Optiv worked with the client to develop an efficient ongoing compliance management strategy.

Maximizing a cost-efficient and manageable strategy

Optiv's quick reaction to the breach and the subsequent complete security strategy put the restaurant chain on the offensive, ensuring a preventative approach to information security management and ongoing PCI compliance.

Now, threats are identified and thwarted before they strike—satisfying compliance auditors and establishing trust with diners. In addition, the client:

- Created an ongoing partnership with Optiv for compliance and technology consultation.
- Saved time and money through a holistic and efficient new security program.

- Met complex and strict PCI compliance requirements post-breach.
- Safeguarded customer payment card information across the network.
- Increased protection from malicious attacks.



Optiv is the largest holistic pure-play cyber security solutions provider in North America. The company's diverse and talented employees are committed to helping businesses, governments and educational institutions plan, build and run successful security programs through the right combination of products, services and solutions related to security program strategy, enterprise risk and consulting, threat and vulnerability management, enterprise incident management, security architecture and implementation, training, identity and access management, and managed security. Created in 2015 as a result of the Accuvant and FishNet Security merger, Optiv is a Blackstone (NYSE: BX) portfolio company that has served more than 12,000 clients of various sizes across multiple industries, offers an extensive geographic footprint, and has premium partnerships with more than 300 of the leading security product manufacturers. For more information, please visit www.optiv.com.