Overview

As a global entertainment and production corporation, the company sells a subscription-based streaming service of films and television programs to customers worldwide. They can deliver content on nearly any internet-connected screen.

Problem

The company’s success is built on a corporate culture obsessed with offering the best customer experience in the industry. The organization’s streaming service relies on a highly dynamic cloud infrastructure that dramatically expands or contracts to accommodate customer demand. This includes the PCI servers that receive and process payments. Maintaining visibility and manually provisioning security controls in this extremely fluid environment proved difficult—if not impossible—as the company grew. To capitalize on true cloud flexibility, the company needed a scalable platform that would automate cloud visibility, security, and compliance.

A fundamental part of their relationship with customers centers around securing a credit card and other personal information and maintaining Payment Card Industry Data Security Standard (PCI DSS) compliance. The cloud security and compliance solution they chose needed to protect credit card information for their subscription customers in real-time, at scale, based on demand to maintain their reputation and customer trust.

Solution Deployed

The organization selected Fidelis CloudPassage Halo Server Secure™ to provide comprehensive visibility, security, and PCI DSS compliance for servers that maintain credit card and other critical customer information. The organization integrates Fidelis Server Secure provisioning and policy compliance within established operational models and custom IT orchestration tools built by the company’s IT team. The Fidelis Halo microagent communicates directly with the Fidelis Halo security orchestration engine, and also through integrated tools. This approach provides the visibility, policy enforcement, and full PCI audit records the company needs to continually maintain and demonstrate PCI compliance.

The company also relies on Fidelis Halo for automated file integrity monitoring (FIM) for Sarbanes-Oxley (SOX) compliance. And they automated additional security controls, including configuration security monitoring (CSM), log-based intrusion detection (LIDS), and firewall securing monitoring in support of PCI DSS compliance. These additional features help reduce the overall cost of their security spend while simplifying security management.
Results

The company’s cloud infrastructure security team originally implemented Fidelis Server Secure in 2012 to protect financial and sensitive customer information in the cloud. As the organization’s cloud footprint grew, Fidelis Halo scaled alongside, providing seamless, frictionless visibility, assessment, workload security, and continuous PCI DSS compliance coverage at scale. With Fidelis Halo’s cloud security capabilities offered on all global AWS regions, the company can continue to grow their service offerings in new markets while ensuring compliance to keep customer data safe.

Benefits

- Improved cloud and risk visibility
- Comprehensive workload protection
- Unified and simplified security
- Automated compliance monitoring
- Scalability that doesn’t require deployment of additional security products or cloud resources

About Fidelis Cybersecurity

Fidelis Cybersecurity, the industry innovator in Active XDR and proactive cyber defense solutions, safeguards modern IT environments with unparalleled detection, deception, response, cloud security, and compliance capabilities. We offer full visibility across hybrid environments via deep, dynamic asset discovery, multi-labeled context, and risk assessment. These features help minimize attackable surface areas, automate exposure prevention, threat detection, and incident response, and provide the context, accuracy, speed, and portability security professionals need to find and neutralize adversaries earlier in the attack lifecycle. Fidelis Cybersecurity is dedicated to helping clients become stronger and more secure. Fidelis is trusted by many top commercial, enterprise, and government agencies worldwide. For more information, please visit www.fideliscybersecurity.com.