Case Study: Stanford University

Introduction

This case study of Stanford University is based on a December 2012 survey of Cisco Stealthwatch customers by TechValidate, a 3rd-party research service.

> "[Cisco's Stealthwatch] validates the fact that when a system is compromised/virused – we have the network information to back it up in the form of flows."

Challenges

- Solved the following operational challenges with Stealthwatch by Cisco:
  - Enhanced network security posture
  - Improved forensic analysis
  - Increased flow collection, monitoring and analysis

Use Case

- Primarily uses Stealthwatch by Cisco in the following ways:
  - Incident Response
  - Network Forensics
  - Security Forensics
- Used Stealthwatch to detect or prevent the following security threats:
  - Network malware or virus
  - Suspicious user behavior
  - External hacking attempt
  - Compromised host
  - Network reconnaissance
- Is doing the following with Stealthwatch by Cisco deployment:
  - Monitoring a centralized network with a large number of satellite or retail locations
  - Operating in a classified network with strictly controlled access to specific segments

Results

- Chose Stealthwatch by Cisco for the following capabilities:
  - Behavior-based security monitoring
  - Real-time flow monitoring capabilities
  - Internal visibility
- Selected Stealthwatch by Cisco over the following vendors:
  - Q1 Labs / IBM
  - Riverbed Cascade / Mazu Networks
  - Arbor Networks
  - In-house monitoring solution
  - Open source solution
- Meets enterprise requirements by utilizing the following Stealthwatch by Cisco benefits:
  - Real-time threat detection and correlation with user identity data
  - Enterprise-wide visibility into network activity
  - Deployment and support simplicity
  - Forensic analysis
- Rated the following Stealthwatch by Cisco capabilities as compared to competing vendors:
  - Network Security: Better
  - Performance Monitoring: Better
  - Scalability: Better
  - Network Visibility: Better
  - Innovation: Better

Organization Profile

Organization:
Stanford University

Industry:
Educational Institution

About Cisco Stealthwatch

With Stealthwatch, organizations can improve both network security and performance, and avoid the high costs associated with downtime, security breaches and other issues.

Learn More:

Cisco

Cisco Stealthwatch

Source: Joe Zertuche, Security Officer, Stanford University

Research by TechValidate by SurveyMonkey

Validated Published: Jan. 10, 2017 TVID: F0B-3AF-86B