Tata Consultancy Services detected 25% more threats and reduced incident response time by 5 days using Stealthwatch.

Introduction

This case study of a Global 500 computer services company is based on an August 2019 survey of Cisco Stealthwatch customers by TechValidate, a 3rd-party research service. The profiled company asked to have their name blinded to protect their confidentiality.

> " "Improved network visibility by 50%"

Challenges

The business challenges that led Tata Consultancy Services to evaluate and ultimately select Cisco Stealthwatch:

- A lack of visibility into a complex network with branches, IoT devices, remote employees and guests, cloud infrastructure, etc.
- A lack of a threat investigation and forensic analysis tool
- Protecting sensitive data
- Detection of insider threats
- Analyzing encrypted traffic without decryption
- Real-time malware detection
- Compliance requirements
- Creating and enforcing segmentation policies

Major security concerns related to cloud infrastructure are:

- Misconfigured assets
- Unauthorized access
- Data loss
- Insider threats – as a result of stolen credentials or malicious employee
- Abuse of cloud services leading to disruption or huge bills

Use Case

Tata Consultancy Services chose Stealthwatch for its:

- Comprehensive visibility
- Advanced security analytics using machine learning and entity modeling
- Existing network infrastructure
- Scalability
- Integration with other Cisco products and technologies
- Ability to analyze encrypted traffic without decryption
- Reputation/recommendation

Results

Utilizing Stealthwatch, Tata Consultancy Services was able to:

- Detect and prioritize advanced malicious attacks and insider threats in real-time
- Investigate the source of the threat through network audit trails
- Mitigate threats using the existing network infrastructure
- Simplify network segmentation by modeling and enforcing policies
- Provide visibility into what devices, users and applications are using the network
- Enhance value provided by other Cisco devices

Company Profile

The company featured in this case study asked to have its name publicly blinded because publicly endorsing vendors is against their policies.

TechValidate stands behind the authenticity of this data.

Company Size:
Global 500

Industry:
Computer Services

About Cisco Secure Network Analytics

With Cisco 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 Secure Network Analytics

Source: TechValidate survey of a Global 500 Computer Services Company

Research by **TechValidate** by SurveyMonkey