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# Case Study: MEMC Electronic Materials

#### Introduction

This case study of MEMC Electronic Materials is based on a August 2015 survey of Cisco Stealthwatch customers by TechValidate, a 3rd-party research service.

"Stealthwatch provides security and network information in one package."

### Challenges

- Stealthwatch has helped improve the following:
  - Network baselining
  - Real-time threat detection
  - Incident response
  - Forensic investigations
  - Network troubleshooting

### Use Case

- Stealthwatch has helped with:
  - Insider threats
  - APTs
  - Malware / zero-day attacks
  - DDoS attacks
  - Network performance
- Is able to secure the following with Stealthwatch:
  - Virtual infrastructure / private clouds
  - IoT devices / systems
  - The data center

#### **Company Profile**

Company: MEMC Electronic Materials

Company Size: S&P 500

Industry: Electronics

#### 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:

- A BYOD environment
- SDN infrastructure
- Areas of my network I could not see previously
- Remote locations

## Results

- Stealthwatch has helped the organization achieve the following:
  - Greater network visibility
  - Heightened threat intelligence
- Found the following Stealthwatch capabilities to be the most beneficial:
  - Sophisticated security analytics / behavioral analysis
  - Flow stitching and deduplication
  - Detection of lateral movement (East-West Traffic)
  - Long-term flow storage
- Compared to other security vendors, Cisco is:
  - Effective at detecting attacks
- Stealthwatch enables the company to:
  - Better manage security with limited staff / resources
  - Accelerate threat detection and mitigation
  - Speed up incident response
  - Clearly report on organizational security to upper management

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Research by

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#### Cisco Stealthwatch