Introduction and Overview

- About STS and Me
- Why are we here today?
- Why STS?
- STS Cyber Capabilities
- What’s the Problem?
- Secure the Network
- Prepare for the Worst
- Traditional Defense
- Defending Forward
- Conclusion
Why are we here today?

Demystifying Cyber Assurance from the Enterprise to the End-User

TechNet Cyber Innovation Showcase 2019
Why STS?

- In the business of **protecting and defending** the American people and the **security of our nation** for more than 25 years
- Known for our **determination, loyalty, reliability, agility**, and **innovation**
- **Trust** that we are mission driven, ensuring our customer’s cyber security and satisfaction is our number one priority
What’s the Problem?

- Continuous Operations
- Evolving Standards
- Evolving Threats
- Funding
- Leadership Support
- Evolving Technology

Persistent Vulnerability
Secure The Network


How do we protect our assets?

- Access Control
- Continuous Monitoring
- Incident Response
- Privacy
- Permissive Environment?
Prepare for the Worst

According to the 2019 Verizon Data Breach Investigation Report there's been a 168 percent increase year-over-year in the number of government network breaches linked directly to state-sponsored actors. The growth solidifies cyber espionage atop the list of threats to the public sector for the second year in a row.
Traditional Defense

Continuous Monitoring

- Network Operations Center
- Security Operations Center
- Forward Deployed Sensors
- End-User Training
- Enterprise Asset Management
- Accountability

Network Flow Reporting

Observations
Number of data points we received from your environment.
71.9 K

Login Activity

Login Analysis

Top 5 Login Failures by User

Global Login Activity
Defending Forward

Aggressive Defense

1. Hunt Forward Teams
2. Artificial Intelligence Tools
3. Intelligence
4. Leveraged Partnerships
5. Isolate or Neutralize Threats
6. Agility and Mobility
Conclusion

Defend Forward

Traditional Defense

Leveraged Partnerships/Engagement

Continuous Improvement

Persistent Vulnerability
Thank You

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