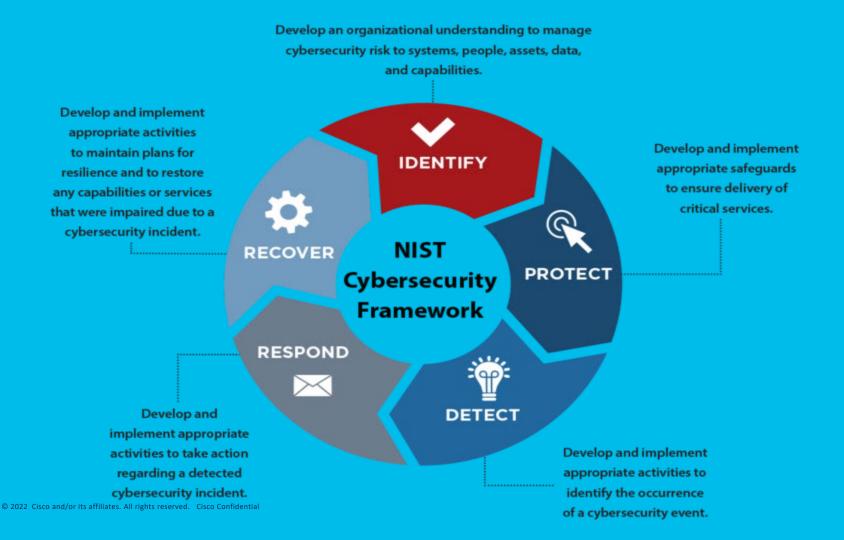


Security Services

Georgia Politopoulou Business Development Manager

Agenta

- Introduction to NIST framework
- Identify services
- Protect Services
- Detect, Respond & Recover Services



Identify



OT Network

Asset Discovery

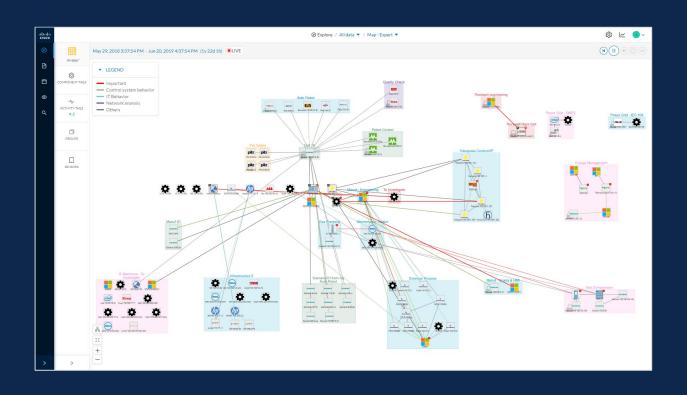
Vulnerability Assessment

- RelevantVulnerabilities
- Remediation Actions

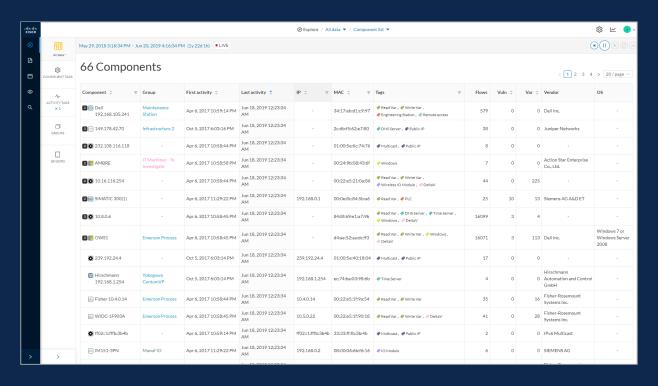
- Assets
- Users
- Threats

Threat Modelling

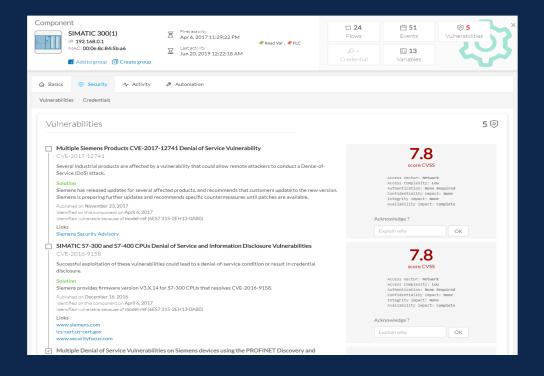
Communication | Map application flows



Visibility | Comprehensive asset inventory



Anomaly | List vulnerability identification



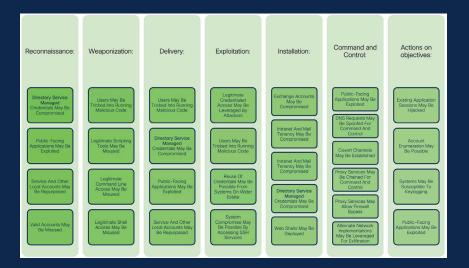
Threat Modelling

Start from business lead threats, and then translate into specific scenarios from which offensive and defensive use cases can be derived.

Cisco will work with your key stakeholders to identify business threats, tools and tactics of threats actors that are likely to target your business and compliance and risk visibility requirements.

In each scenario, Cisco will define the attack path, the data sources needed, the priorities, the actions that should be taken as well as any other required items.

Outcome will be a Threat profile for your organization that allows better targeting for in security investments



Example Scenarios

Initial Access	Foothold Achieved	Route	Pre-access Controls	Impact	Post-access Controls
Supply Chain Compromise	Authenticated 3 rd party VPN access	Unsecured Credentials	To discuss	Ability to access systems that they support	To discuss
Phishing	Authenticated access to management plane	Exploitation for Credential Access	To discuss	Manipulation of BGP or DNS service configuration	To discuss
Exploit Public Facing Application	Code execution on middleware or backend services	OS Credential Dumping	To discuss	Theft and modification of customer data	To discuss

Cyber Security Program Assessment



Security Roadmap

2022 2023 2024 ES1.2 Stakeholder Review RM6.3: Develop processes to determine RM1.2: Perform regular reviews to revise IT Security goals and technical risk priorities ES3.3: Implement a process to ES2.3: Manage and report IT ES1.4 Define Roles and manage exceptions and report risk Security against agreed goals Responsibilities ES3.2: Include security in the development of application architecture patterns RM1.4: Report levels of ES3.1: Include security in the developmentexposure ES1.1 Appoint Security Leader of technical architecture patterns ES5.1: Track and manage the RM1.1: Develop a process to delivery of security training RM2.2: Develop clear guidance for all roles measure and report risk against ES1.3: Develop and publish a charter that perform security-related activities key objectives and scope for the IT Security organization RM2.1: Develop a partnership with ES4.2: Develop and implement ES2.1: Determine metrics and stakeholders to help them to understand security training for roles that reporting requirements and address relevant risk have specific responsibilities for security RM1.3: Communicate IT Security goals and priorities ES4.1: Implement a mandatory security awareness program ES2.2: Develop collection, analysis, reporting tools that provide appropriate ES6.3: Develop general Security metrics and Key Performance Indicators awareness training

Protect

Zero Trust

Securing access everywhere



What are enclaves and segmentation?





Applied set of security controls that meets common requirements









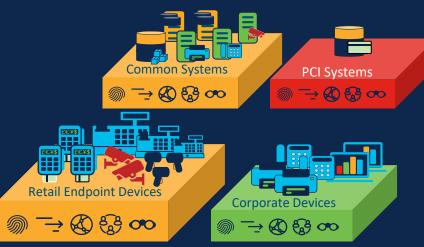




Flat→ Segmented



Flat Network



Segmented Network using Enclaves







Detect, Respond & Recover

Outcomes

- 1. SOC's Role in the customer's Overall Security Mission
- Key Drivers for building the SOC
- 3. Key SOC Stakeholders
- Consumers of the SOC services
- SOC Vision and Mission statements
- 6. Core Principles that the SOC will operate under
- 7. Desired Goals and Outcomes of the SOC
- 8. High-level Operating Model
- 9. Three-year Strategic Roadmap to achieve the SOC's Goals
- 10. Target Service Capability/Maturity levels
- 11. High-level SOC Service Catalogue
- 12. Organisation Strategy to deliver the SOC services
- Core Processes to deliver the SOC services
- 14. Technology Strategy to deliver the SOC services

SOC Services: Plan Package



Outcomes

SOC Strategy

Customer's key drivers, desired business outcomes, SOC requirements and specific situation explored and documented using a formal SOC strategy framework Appropriate SOC Services Portfolio created which the SOC will deliver in order to meet the strategy

2. SOC Capability Assessment

Customer's existing SOC related capabilities assessed for suitability for the SOC strategy

Gaps and recommendations documented in the form of a roadmap

- 3. SOC Governance & Organizational Design
 - Comprehensive SOC Governance, Service, Operating Model and Organization Structure designs to deliver the strategy
- 4. SOC Technical Architecture Design
 - Comprehensive SOC Technical Architecture design, focussed on capabilities and integrations to deliver the strategy
- 5. SOC Process Development
 - Key Processes developed to deliver the strategy

SOC Services: Design Package



Cisco Talos Incident Response





Secure Network Analytics and more)



400+ dedicated responders and intelligence researchers



Ability to reach across the entire Cisco enterprise



Incident Commanders



Incident Response Consultants



Red Team



Project Managers

Cisco Confidential

19

A vendor agnostic approach

We work with what you have, no hidden costs or charges

Whether you have Cisco gear, competitor gear, or you're lacking security infrastructure, we have you covered. Our competition might bring in their own tools and start charging you, but we don't.



Talos Incident Response Retainer Services



Emergency Incident Response



Intel on Demand



IR Plans



IR Playbooks

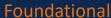


IR Readiness Assessments



Network Security
Architecture
Assessment

Core Offer





Tabletop Exercises



Cyber Range Training



Compromise Assessments



Threat Hunting



Pen Testing



Purple Team



Red Team

The Talos Incident Response Difference



Named, dedicated, certified, and seasoned incident response consultants



Largest private global threat intelligence & response organization in the world



Vendor agnostic, leveraging existing security investments



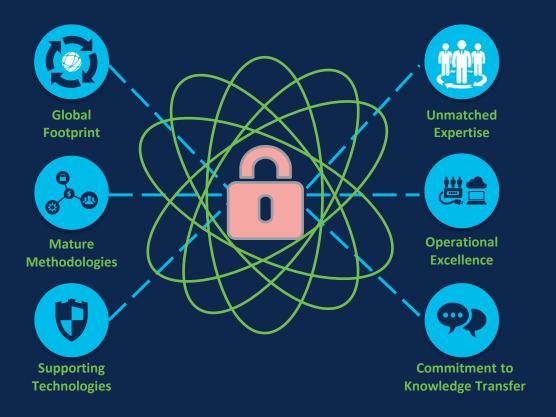
Proactive and reactive work from the same highly-qualified teams



Industry-leading tools and best practices from the #1 Cyber Security company in the world

Why Cisco?

Mature Delivery





The bridge to possible