



*TOMORROW  
starts here.*

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C-Scape Program



# Intelligent Cybersecurity for the Real World

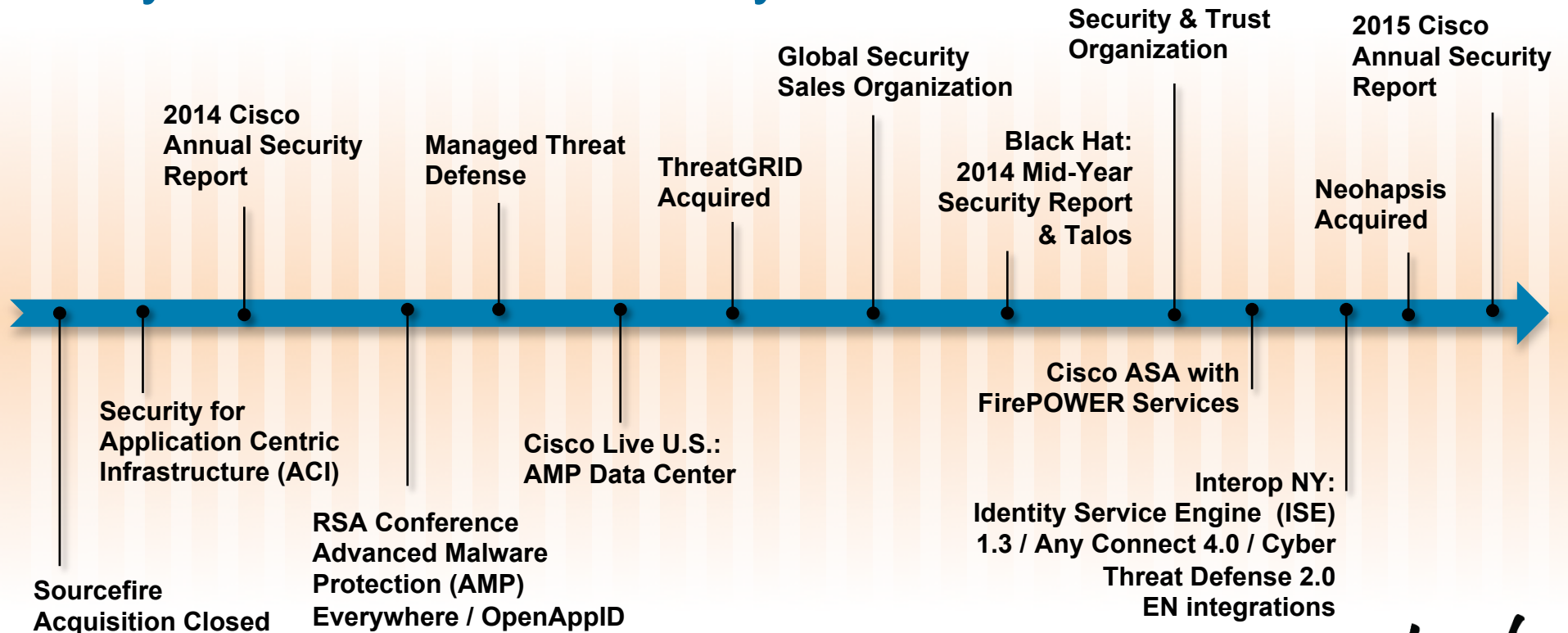
Bret Hartman

Vice President and Chief Technology Officer, Security Business Group

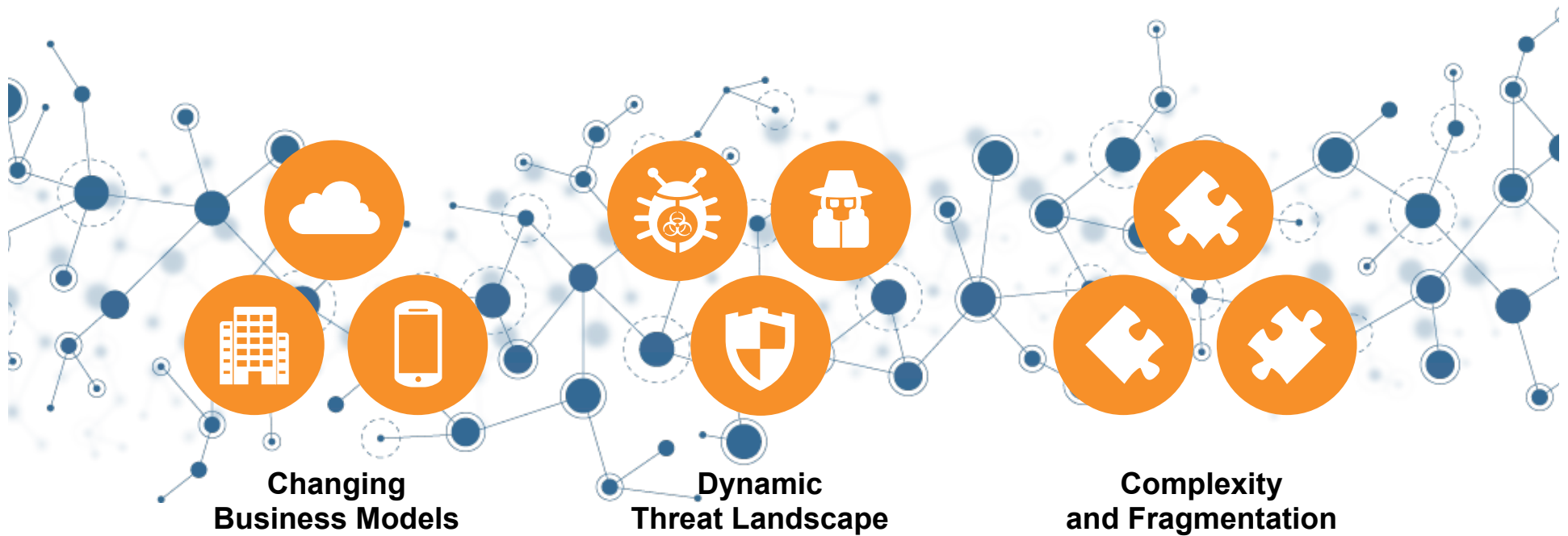
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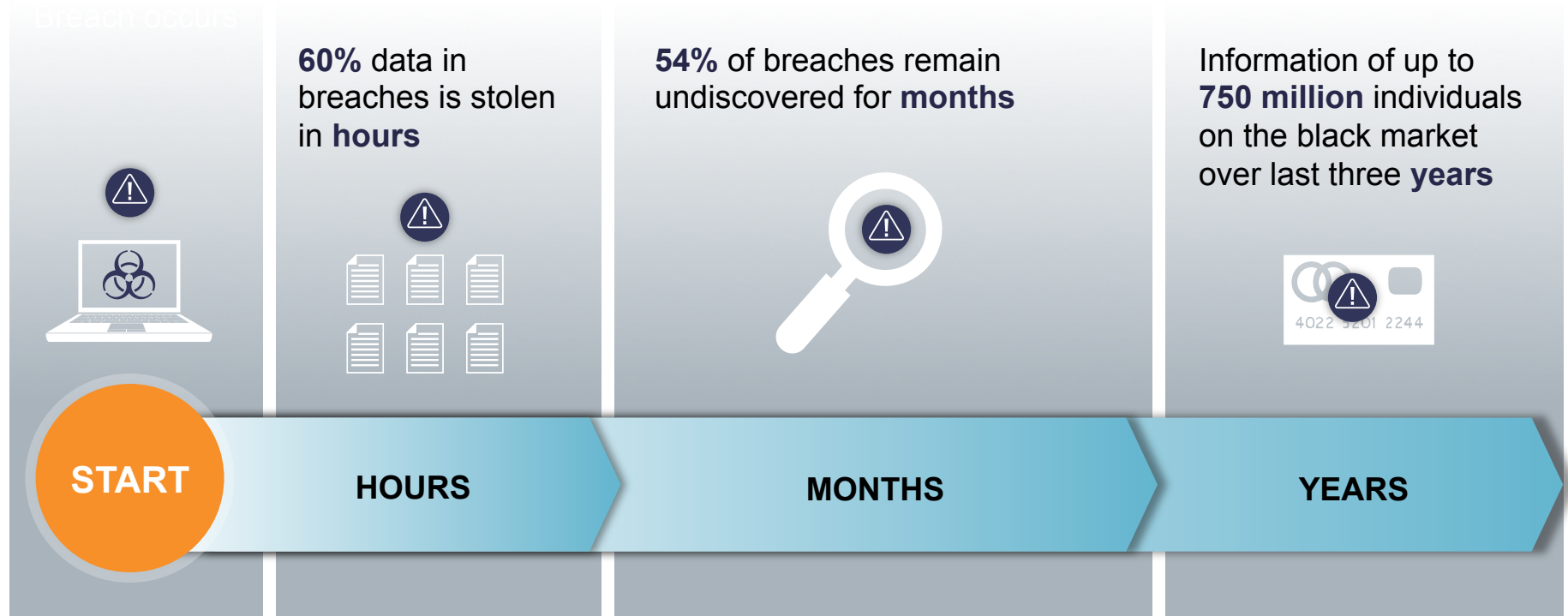
# Key Milestones in Security



# The Security Problem

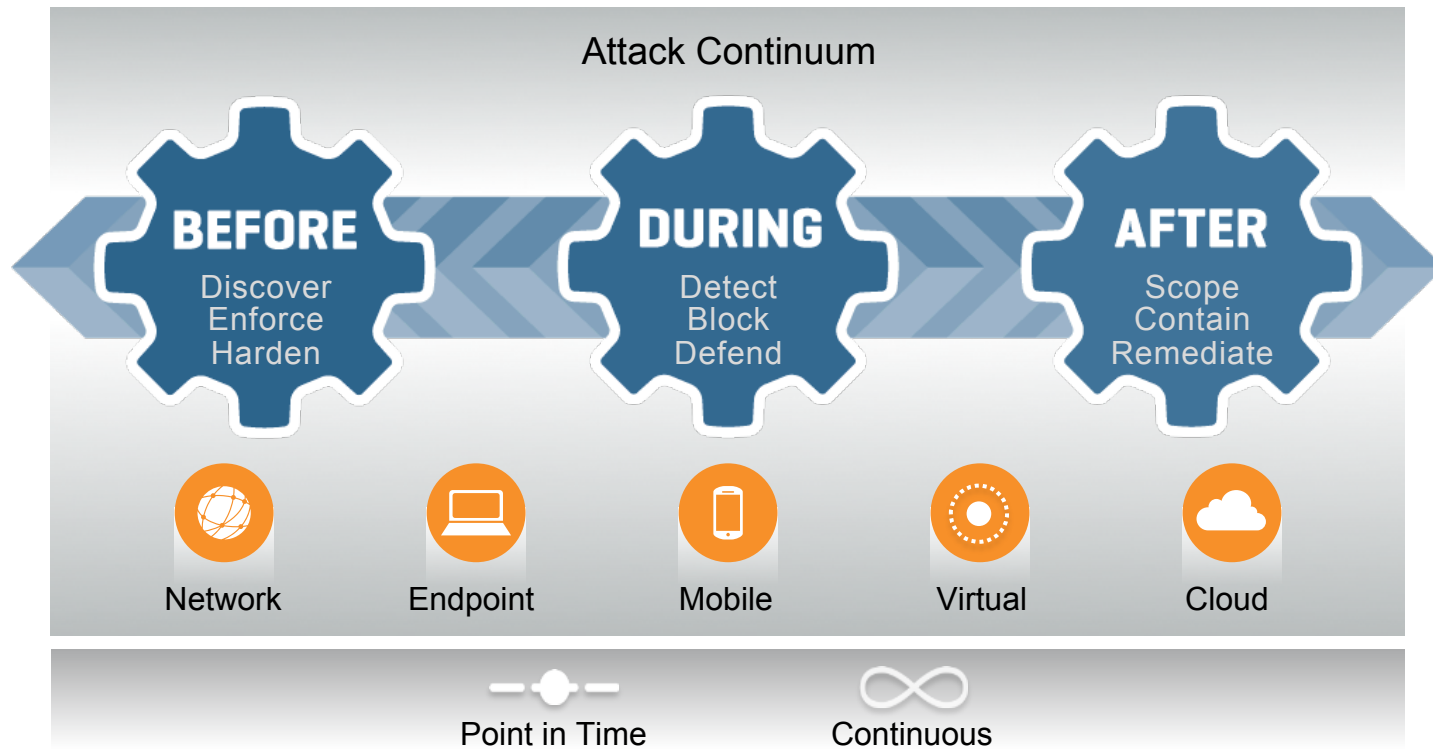


# Impact of a Breach



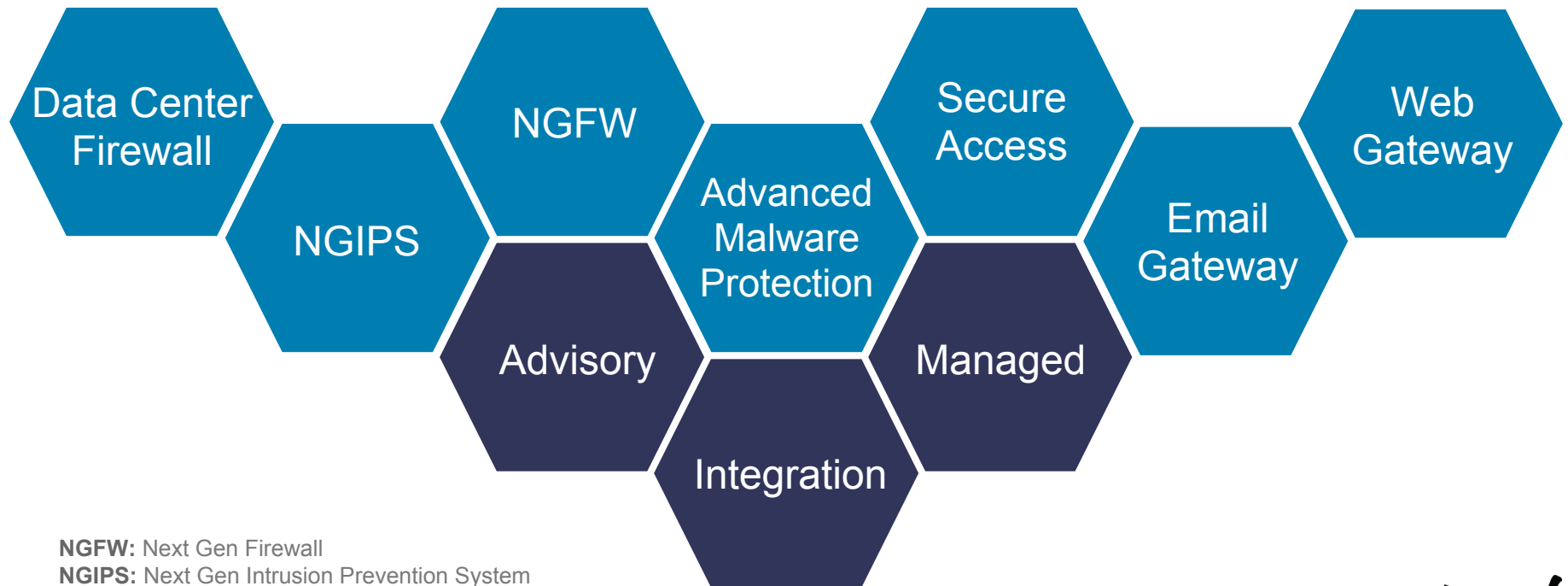
Source: Verizon Data Breach Report 2014

# A Threat-Centric and Operational Security Approach





# Comprehensive Cisco Security Portfolio



**NGFW:** Next Gen Firewall

**NGIPS:** Next Gen Intrusion Prevention System

**UTM:** Unified Threat Management

# Strategic Imperatives





# Cisco Sees More Than the Competition

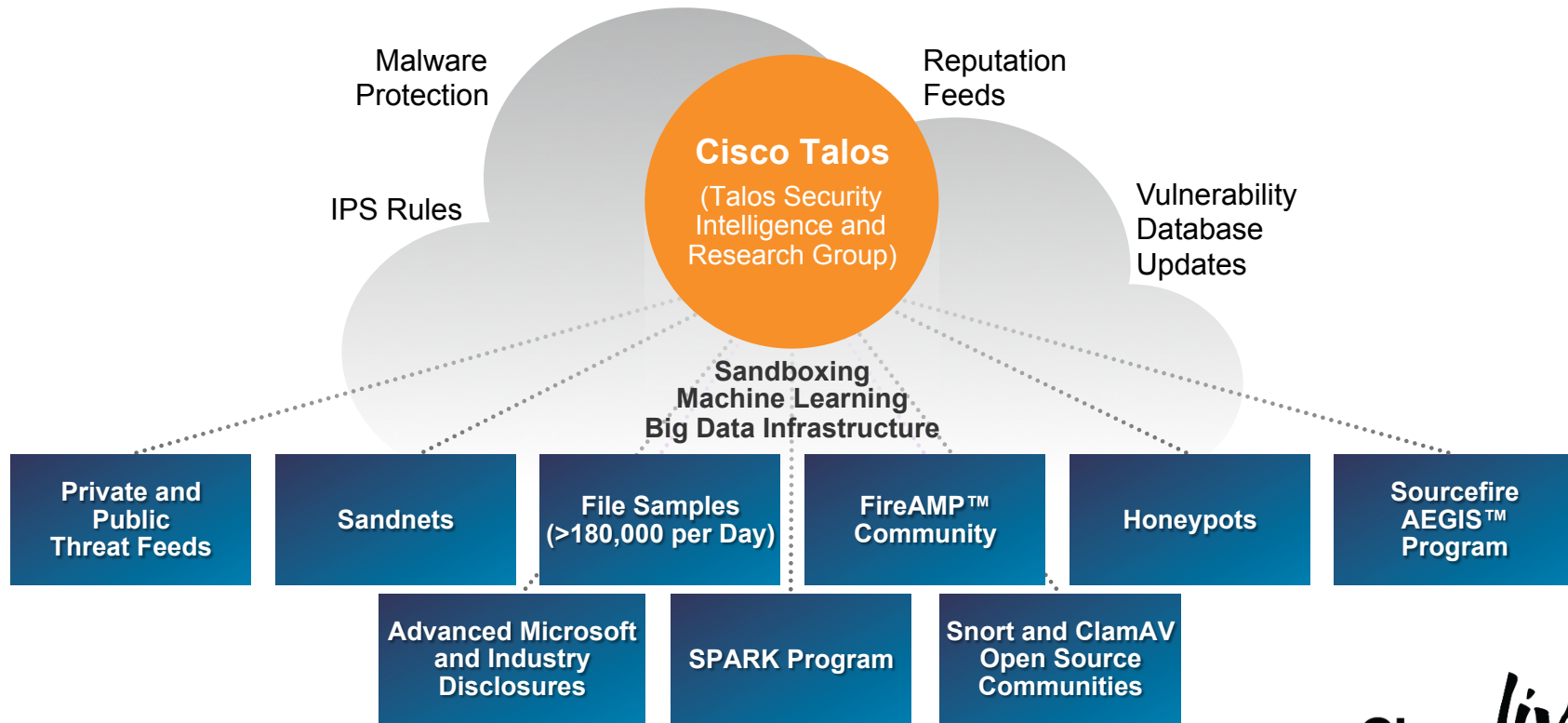


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# Collective Security Intelligence



# Cisco ASA with FirePOWER Services

Industry's First Threat-Focused Next-Generation Firewall

## Features

- ▶ Cisco® ASA firewalling combined with Sourcefire® Next-Generation IPS
- ▶ Advanced Malware Protection (AMP)
- ▶ Best-in-class security intelligence, application visibility and control (AVC), and URL filtering

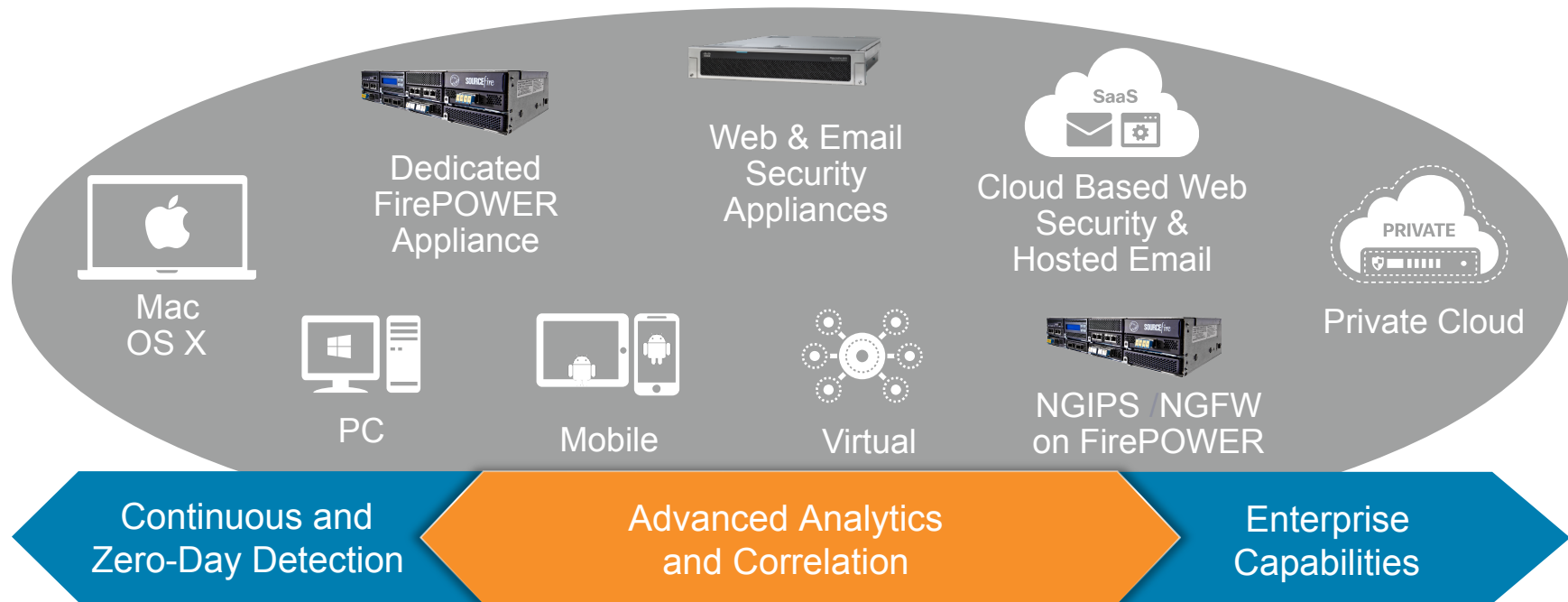
## Benefits

- ▶ Superior, multilayered threat protection
- ▶ Unprecedented network visibility
- ▶ Integrated threat defense across the entire attack continuum
- ▶ Reduced cost and complexity

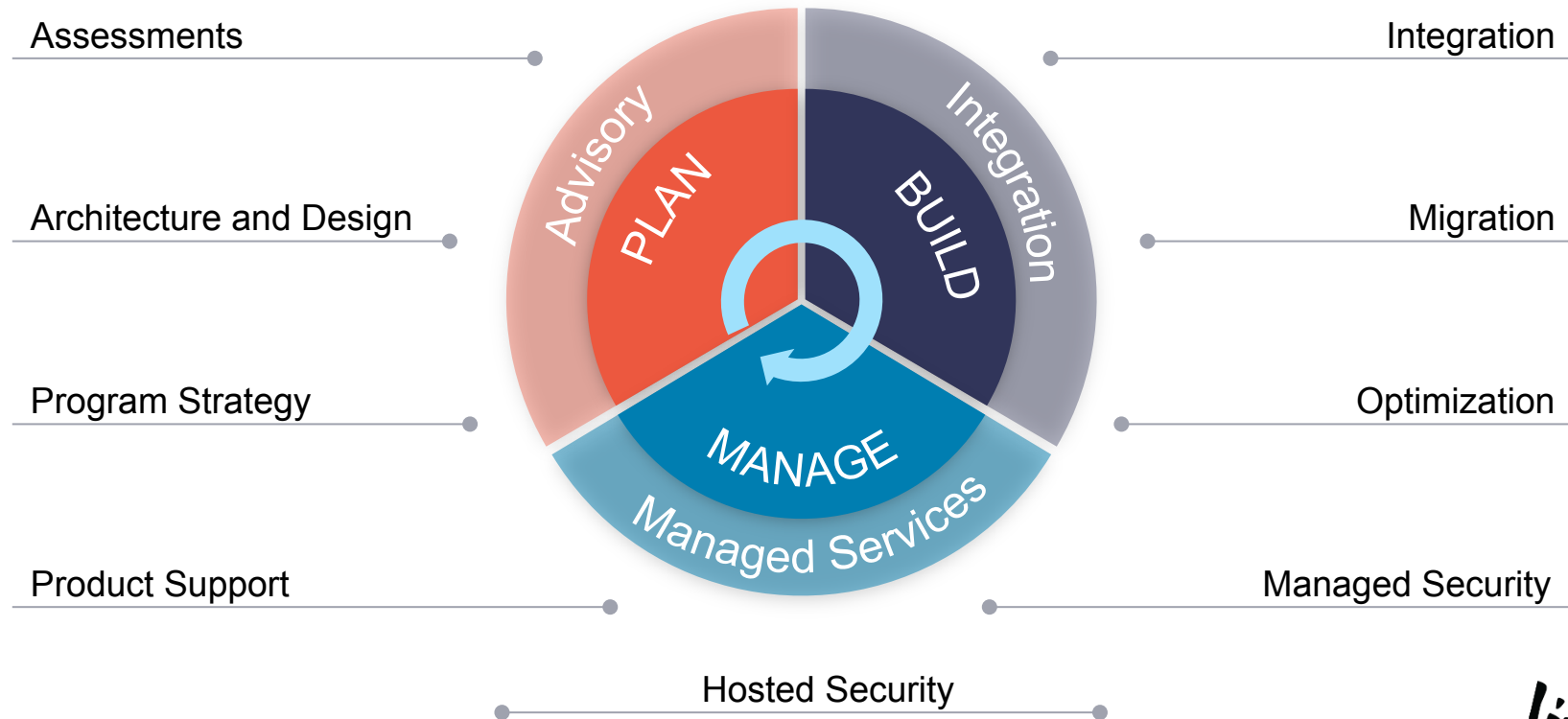


# Advanced Malware Protection Everywhere

Anywhere a Threat Lives or Travels Through

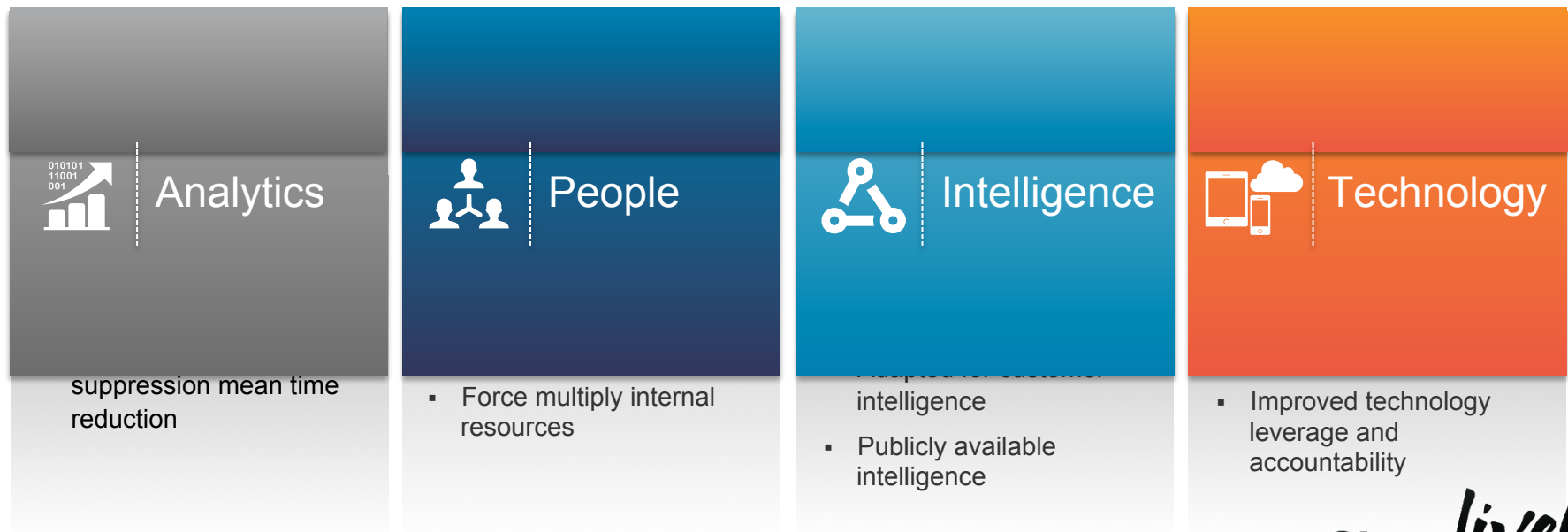


# Security Services Portfolio



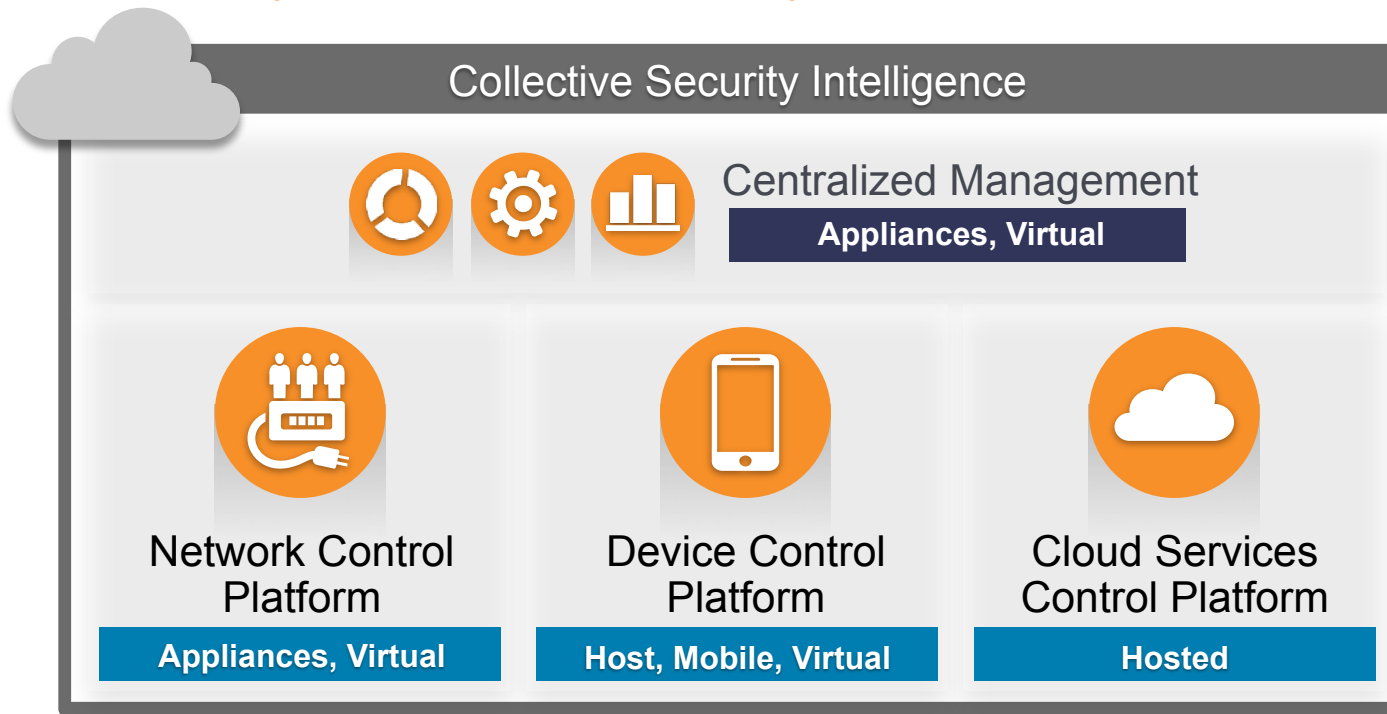


# Managed Threat Defense (MTD)



# Platform-Based Architecture

Reduces Complexity and Increase Capability





# The Network and Security

Synergies Through Integration



**Increases Visibility**

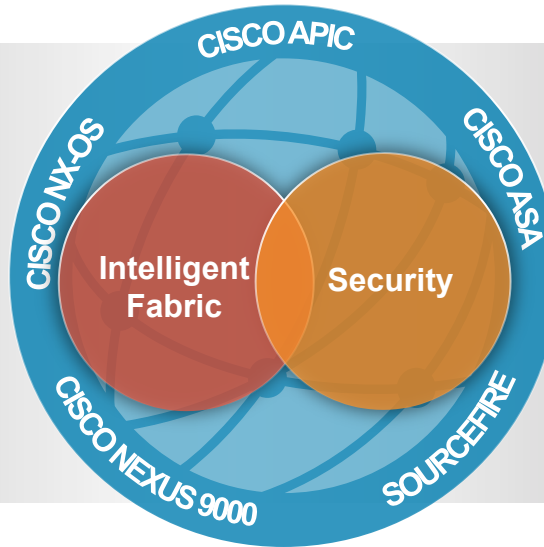
**Accelerates Detection**

**Scales Enforcement**

# Cisco Security Integrated into ACI

## Business Outcomes

- Reduce time to detect
- Reduce time to contain
- Simplify security operations
- Improve cost savings



## Technology Outcomes

- On Demand Scalability
- Simplify Service Chaining
- Dynamic Policy Management

Protection Integrated Security and Consistent Policy Enforcement (Physical & Virtual)  
Active Monitoring & Comprehensive Diagnostics for Threat Mitigation

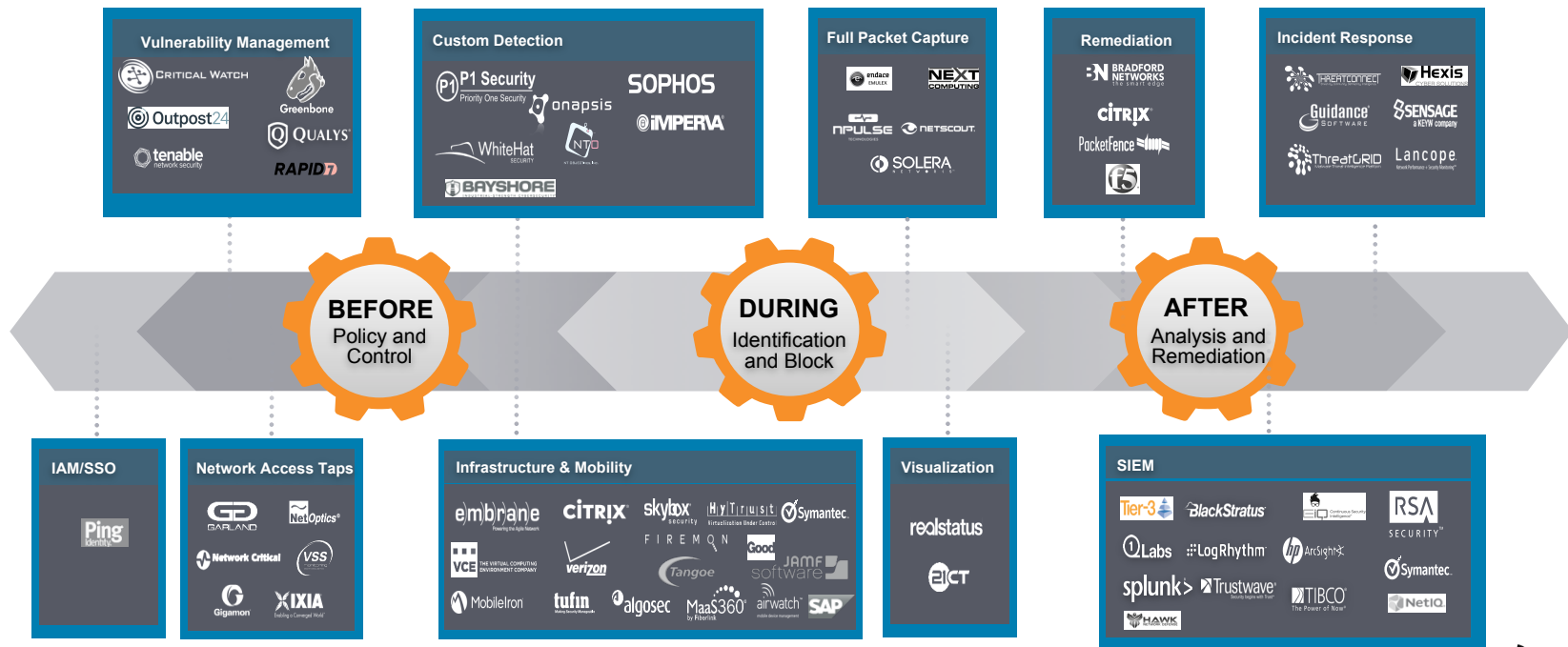
# Complete Security Solutions





# Cisco Security Solution Partner Program

Combined Program – More Than 60 Partners



Combined API Framework and Integration Points

# Global Financial Institution Develops and Deploys World Class Security Operations with Cisco

CUSTOMER  
USE CASE

## CHALLENGE

- Defend Against Targeted Threats
- Secure Intellectual Property
- Continued Compliance with Financial Regulations
- In-house SOC Development and Execution



## SOLUTION

- Cisco Remote Managed Services
- Cisco Compliance Management and Configuration Service
- Cisco Identity Services Engine, Lancope, Sourcefire
- Policy Development and Implementation
- SOC Implementation and Operations Support
- 24/7/365 Security Monitoring at Global SOC's



## Outcomes

### Stronger Security Posture

Scalable Integrated Design

### Improved Security Operations

Efficient, Scalable Processes  
Bolstered Threat Detection and Incident  
Response Procedures

### 98.5% Success

Rate Upgrading an Average of 600  
Network Elements Every Week

# Only Cisco Delivers

**Unmatched  
Visibility**



Global Intelligence  
With the Right  
Context

**Consistent  
Control**



Consistent Policies  
Across the  
Network and  
Data Center

**Advanced Threat  
Protection**



Detects and Stops  
Advanced Threats

**Reduced  
Complexity**



Fits and Adapts  
to Changing  
Business Models





Q&A

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Thank you.

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