

SOC for All: Making SOC a Priority for Businesses of All Sizes



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cStor: AN AWARD-WINNING PROVIDER

- Helps clients solve tough IT challenges with best-of-breed technology and expert consulting
- Creates and implements end-to-end solutions to fit your business needs
- Helps create a cost-effective architecture
- Displays a competitive advantage over other providers
- Creates flexibility by offering vendor agnostic solutions
- Always puts clients first

We look beyond IT



SOLUTION OFFERINGS

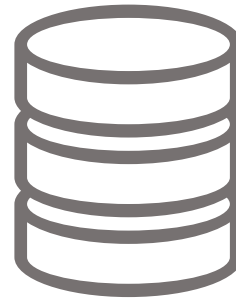
Professional Recommendations to Ensure Your Infrastructure Evolves Alongside Your Business



DIGITAL
TRANSFORMATION



CYBERSECURITY



DATA CENTER SOLUTIONS

OUR APPROACH

Our mission is to put people on a path to success



Clients First



Vendor Agnostic



Highly Specialized

cStor SERVICES

We look beyond IT



CONSULTING AND
OPTIMIZATION



CLOUD



STAFF
AUGMENTATION



CYBERSECURITY



DATA
MIGRATION



DELIVERY



MANAGED
SERVICES

SOC for All: Making SOC a Priority for Businesses of All Sizes



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END CYBER RISK



Cybersecurity should
reduce cyber risk



87%

of security leaders believe their organizations is
falling short in addressing cyber risk.

Source: IDG Security Priorities Study 2020

Cybersecurity has an
effectiveness problem.

Some Observations

Why aren't security leaders feeling confident?



Where most companies want to be

The DIY SOC Approach

Where most companies are today

GAP



Basic

Passwords / AD

Patch Management

Backups



Perimeter

Firewalls

SPAM / Web Filters

WAF/Proxy



Defense-in-Depth

Endpoint (AV, AEP)

DLP / SSL Inspection

Anti-DDoS/IPS/CASB



In-house Security Operations Center

Continuously Improve Security Posture

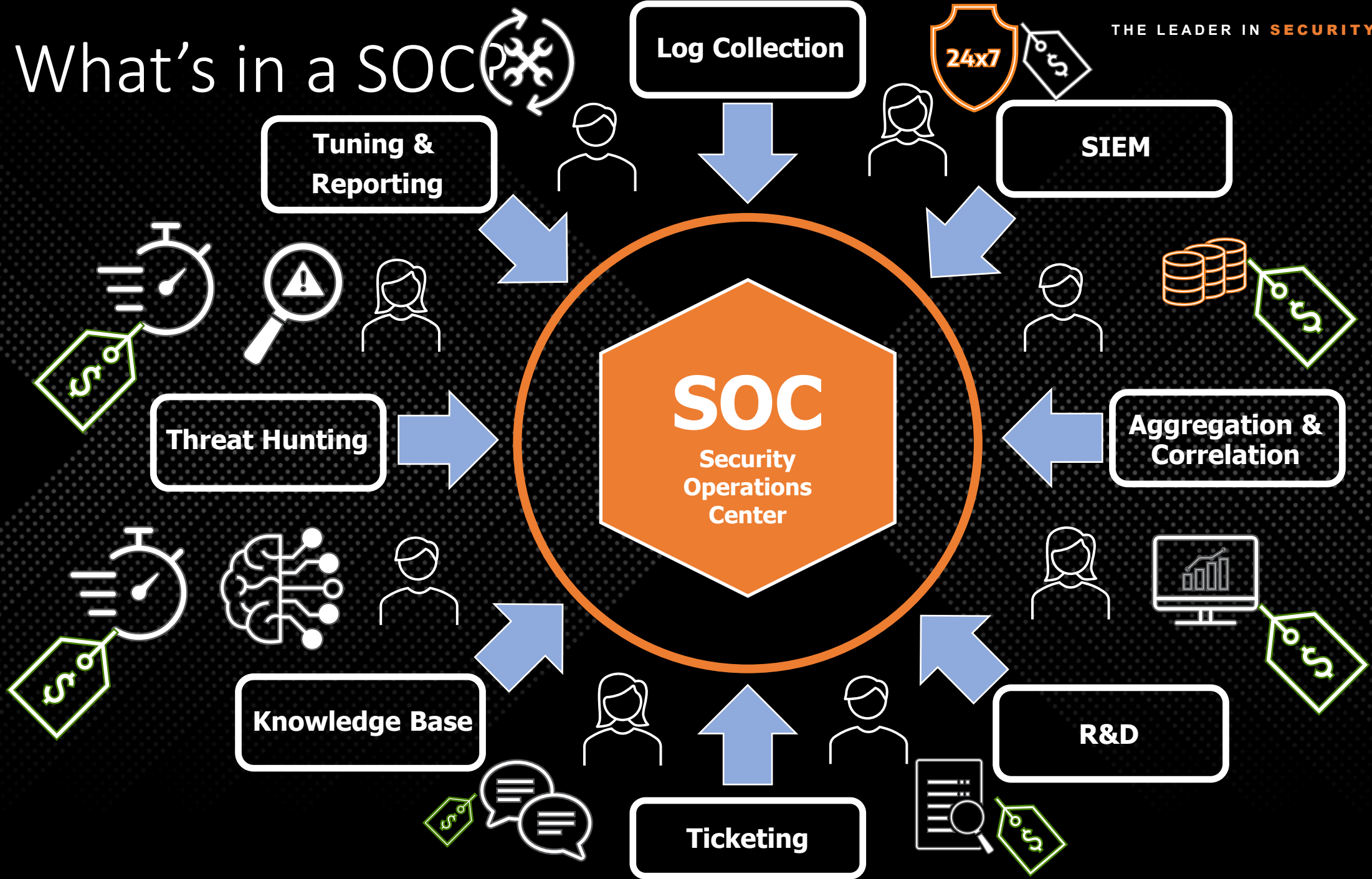
Policy Update

Speed-up Remediations



What's in a SOC

THE LEADER IN SECURITY OPERATIONS



The Pain Points We Hear





Optimize

Optimize your existing tech stack and send to the cloud



Embrace Security Operations

Focus on a complete security operations framework with broad coverage across attack types and attack surfaces



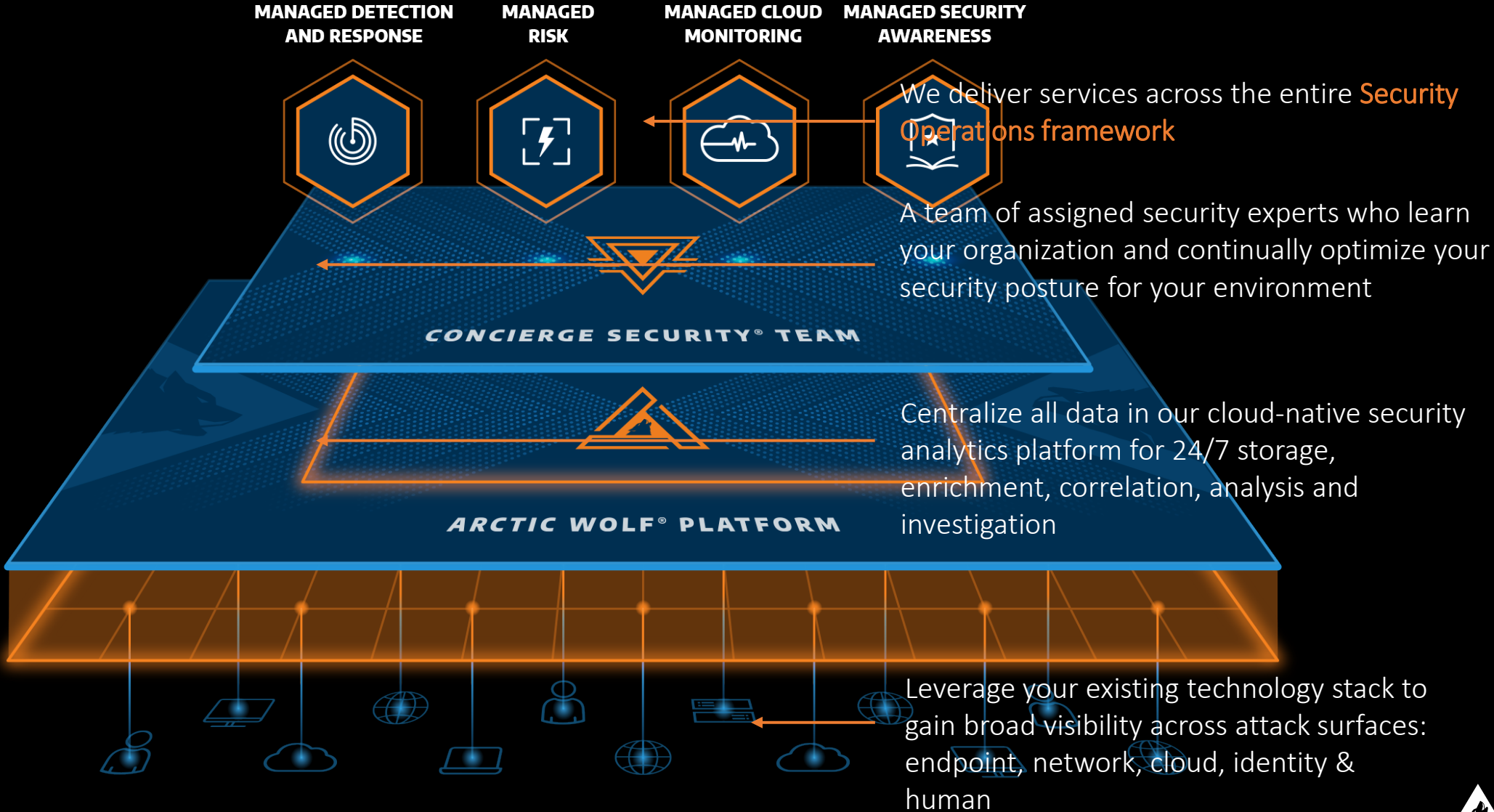
Build Resilience

Add expert guidance, 24x7 protection, and implement tactical and strategic actions across the security operations framework

Switch your thinking from a **tools** mindset to an **operational** mindset



Arctic Wolf Platform





900 Users
300 Servers
8 Sensors

330M Observations
Per Week

1,530 Weekly
Investigations

1-2 Incidents
(On Average)

- Users
- Cloud
- Apps
- Servers & Workloads
- Network
- Endpoints
- IoT
- Sensors
- DNS
- Firewall

- Vulnerabilities
- Tool Alerts
- Alerts
- AW Agent
- AD

- Geolocation Data
- Brute Force
- Human Error
- AV/EPP

- User Identity
- Credential Theft
- Log Analysis

- Unauthorized Access
- Abnormal Download

- Breached File
- Command & Control

- Data Exfil
- Phishing

- Malware
- Ransomware

Concierge Security Team (CST)

- Reports
- Best Practices
- Managed Containment
- 24x7
- Continuous Coverage
- Rapid Detection
- Improved Security
- Collaboration with experts

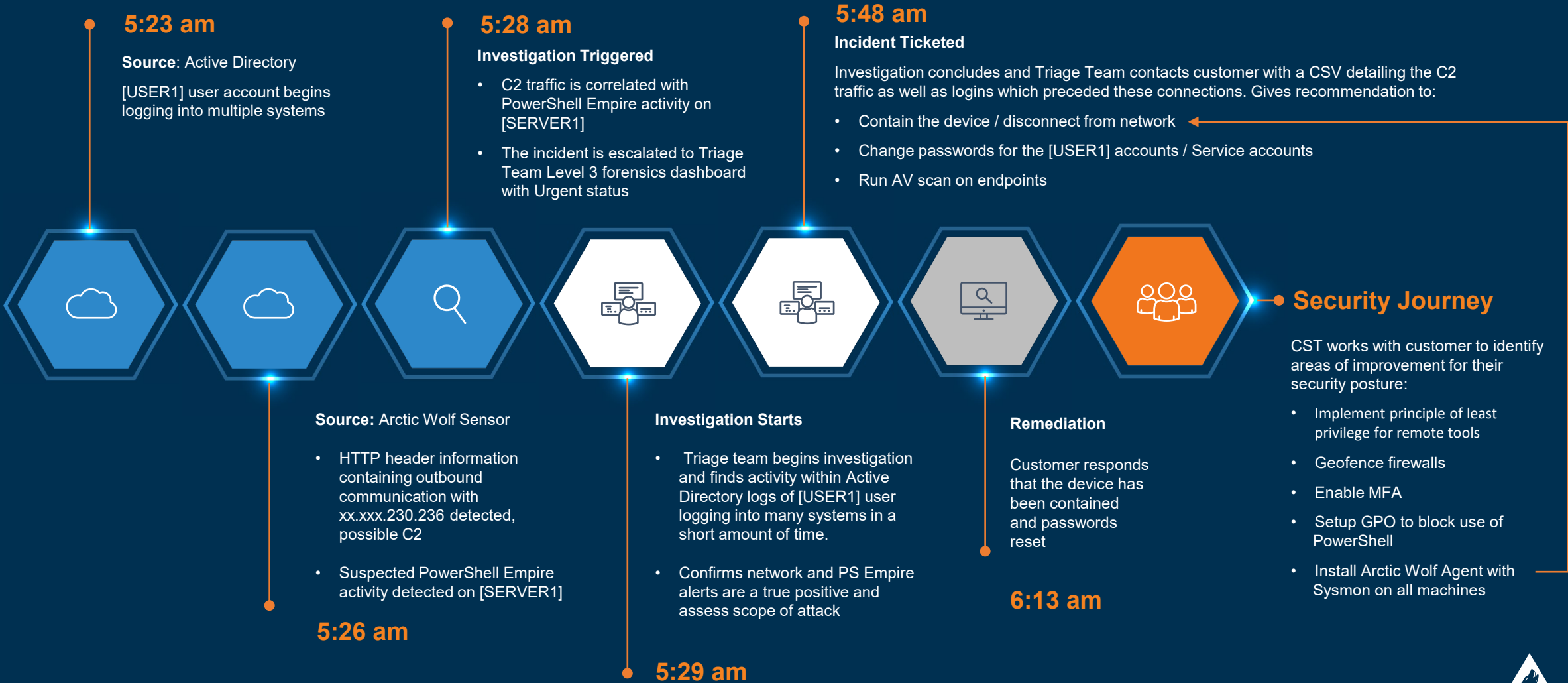


[REAL] INCIDENT TIMELINE

Ransomware



Ransomware Attack at [redacted]



Key Takeaways



Attack Type

Ransomware Attack



Time to Detect

5:23am - 5:28 pm | 5 Minutes



Data Sources

Active Directory
Arctic Wolf Sensor



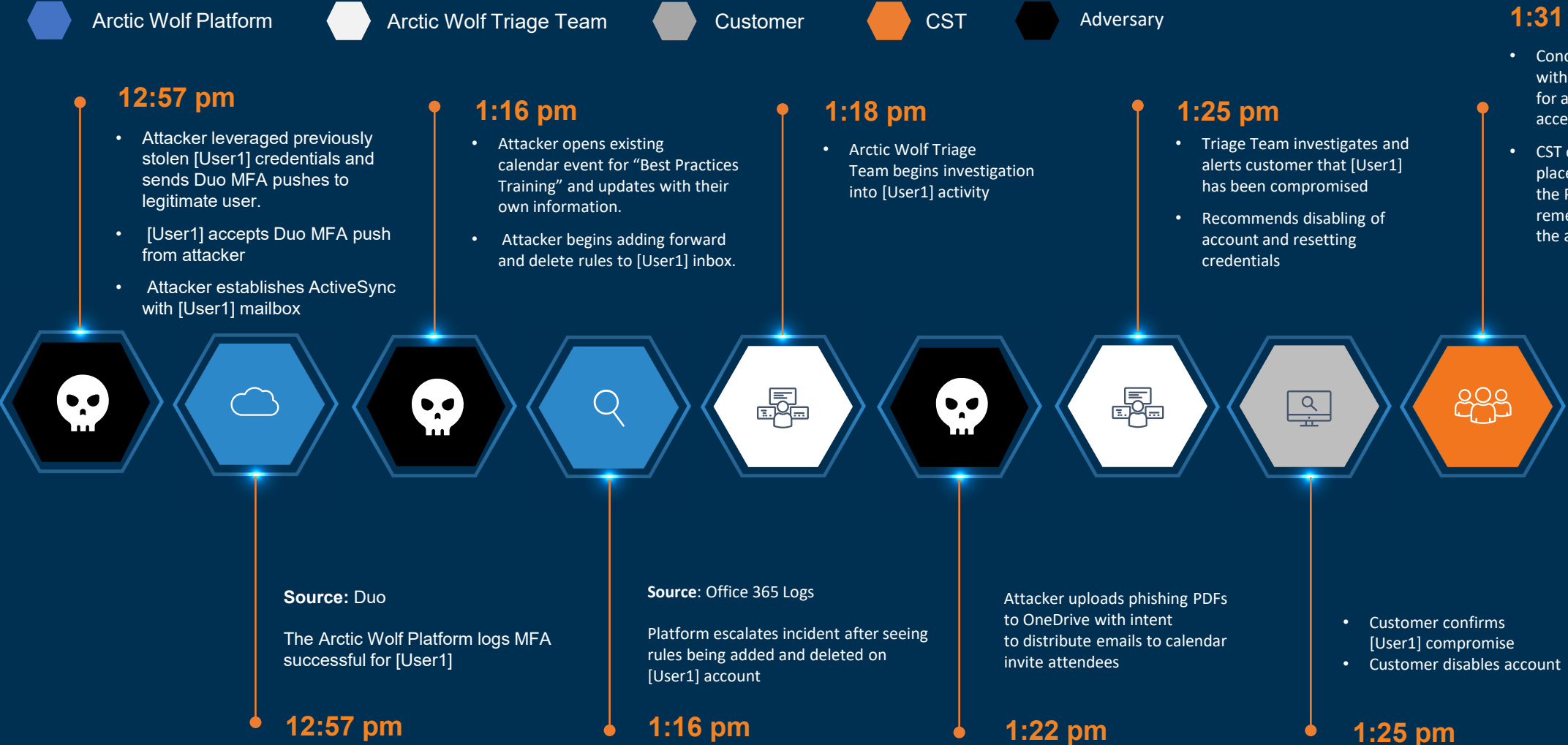
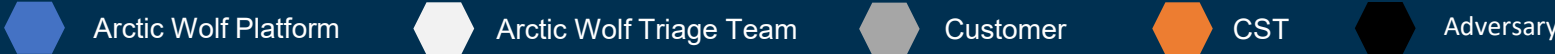


[REAL] INCIDENT TIMELINE

Business Email Compromise



Email Compromise at [redacted]



12:57 pm

- Attacker leveraged previously stolen [User1] credentials and sends Duo MFA pushes to legitimate user.
- [User1] accepts Duo MFA push from attacker
- Attacker establishes ActiveSync with [User1] mailbox

Source: Duo

The Arctic Wolf Platform logs MFA successful for [User1]

12:57 pm

1:16 pm

- Attacker opens existing calendar event for "Best Practices Training" and updates with their own information.
- Attacker begins adding forward and delete rules to [User1] inbox.

Source: Office 365 Logs

Platform escalates incident after seeing rules being added and deleted on [User1] account

1:16 pm

1:18 pm

- Arctic Wolf Triage Team begins investigation into [User1] activity

Attacker uploads phishing PDFs to OneDrive with intent to distribute emails to calendar invite attendees

1:22 pm

1:25 pm

- Triage Team investigates and alerts customer that [User1] has been compromised
- Recommends disabling of account and resetting credentials

- Customer confirms [User1] compromise
- Customer disables account

1:25 pm

1:31 pm

- Concierge Security Team works with customer to check log data for any customer users accessing phishing PDF
- CST confirms remediation took place before any users accessed the PDF. CST assists customer in remediating actions taken by the adversary.



Key Takeaways



Attack Type

Email Account Takeover



Time to Detect

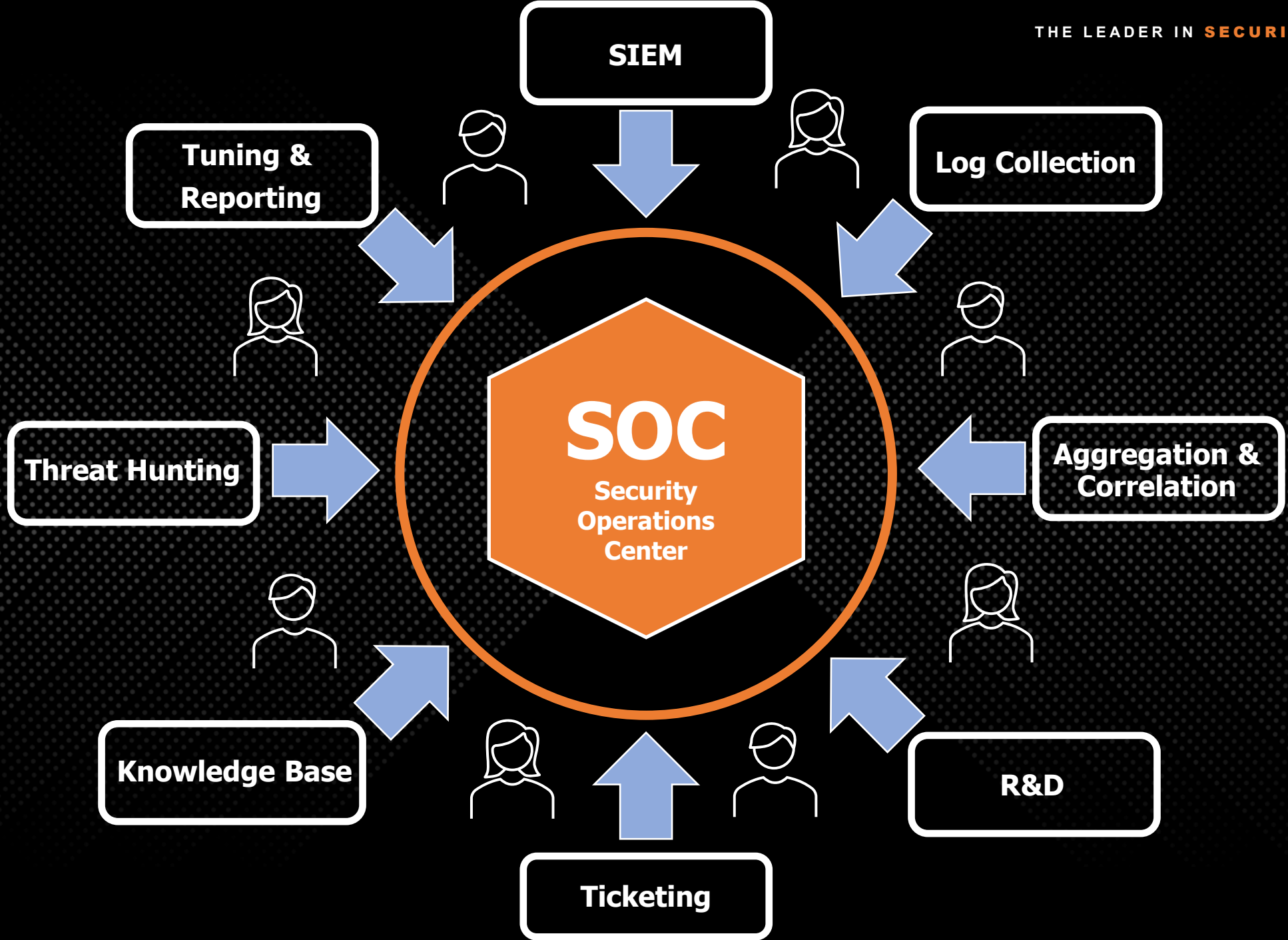
12:57pm - 1:16pm | 19 Minutes



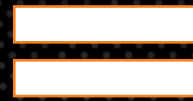
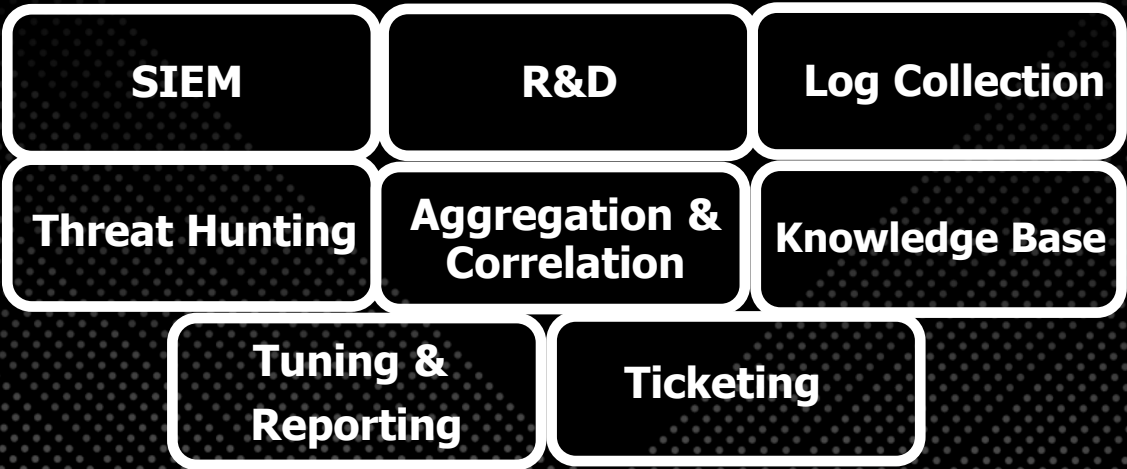
Data Sources

Office 365
Duo





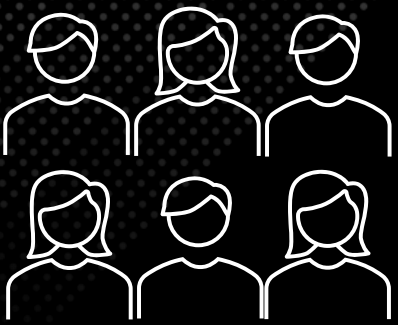
Cost for a SOC



Cost for tools, subscriptions, PS for implementation, and 12-24 months to deploy



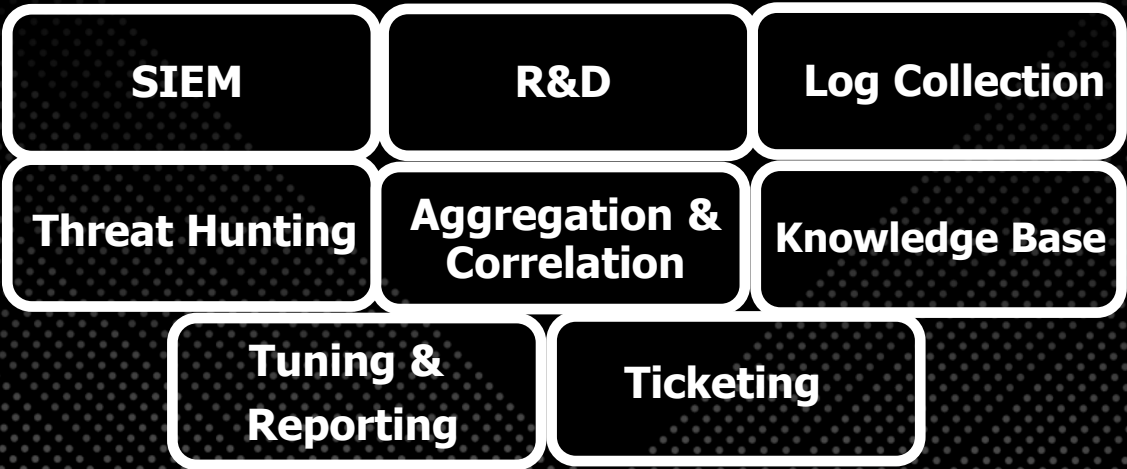
24 x 7 x 365



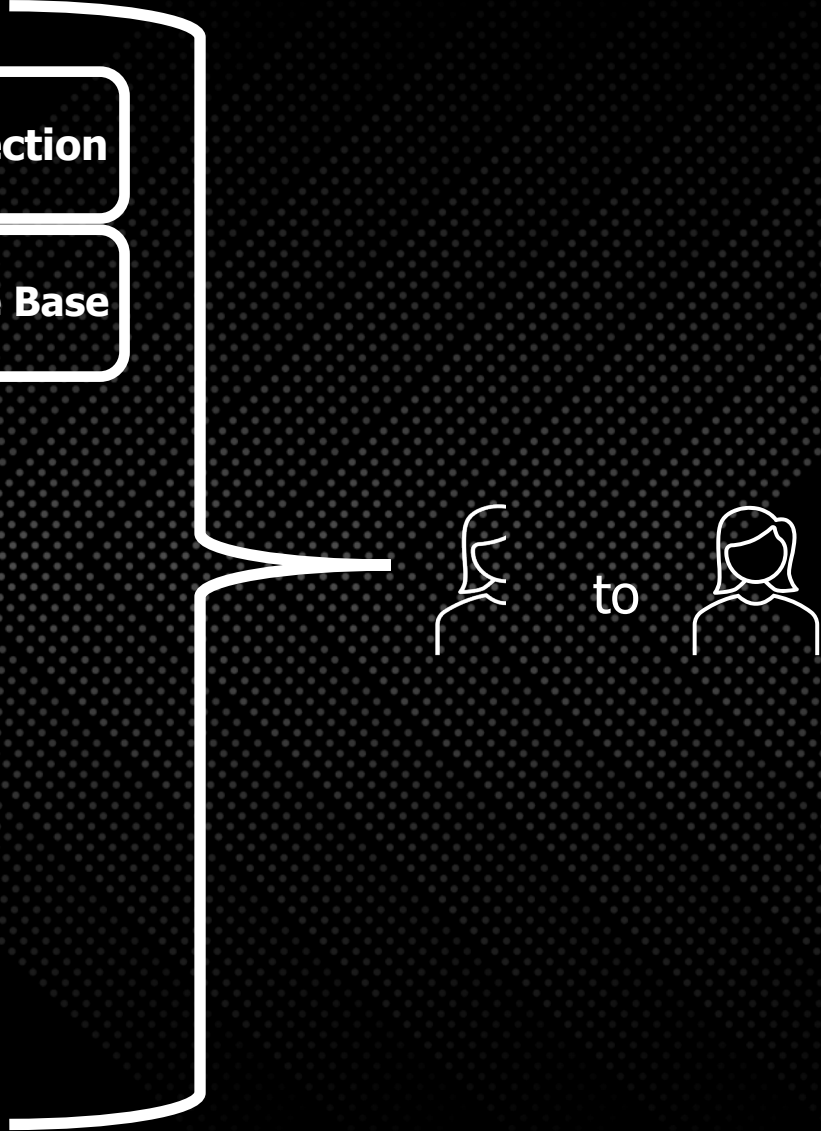
Salary cost for 6+ dedicated security specialists; plus, payroll taxes, PTO, benefits, etc ...



Arctic Wolf cost



24 x 7 x 365




Where most companies want to be

*Arctic Wolf augments
what you already own!*

Arctic Wolf Security Operations
bridges the gap

Where most companies are today

GAP



Basic

Passwords / AD

Patch Management

Backups



Perimeter

Firewalls

SPAM / Web Filters

WAF/Proxy




Defense-in-Depth

Endpoint (AV, AEP)

DLP / SSL Inspection

Anti-DDoS/IPS/CASB




**Manage Detection
And Response
(MDR)**

Log Aggregation &
Correlation

Human / Threat
Intelligence

Incident Detection
& Response



**In-house Security
Operations Center**

Continuously Improve
Security Posture

Policy Update

Speed-up Remediations



Managed Risk

Discover – Benchmark - Harden

- Know when you're exposed and prioritize security posture improvements
- Continuously scan your networks, endpoints, and cloud environments to quantify digital risks.
- Concierge Security Team works directly with you to discover risks beyond simple vulnerabilities, benchmarks the current state of your environment, and implement risk management.

Managed Awareness

Improve Protection

- Prepare employees to recognize and neutralize social engineering attacks, like phishing.

Strengthen Resilience

- Empower employees to identify cyber risks and report mistakes that could expose sensitive data.

Achieve Compliance

- Deliver security awareness training for regulatory compliance.

Managed Detection & Response

Detect - Respond - Recover

- Leverage your existing tech stack to identify advanced network, endpoint, and cloud threats
- 24x7 coverage and guided response stops threats before they can do harm
- Find root cause, validate remediation, and collaborate to continuously improve your overall security posture

Concierge Security Team

Personalized Digital Risk Management that discovers more, benchmarks against industry trends, and tailors' protection to strategically harden your security posture over time.



Detection and response tailored to the specific needs of your organization that eliminates alert fatigue and false positives to promote a faster response

Predictable Pricing

Users

- ✓ Knowledge Workers / Mailboxes
- ✓ SaaS Applications

(NOT endpoints!)

Servers

- ✓ Physical & Virtual
- ✓ On-prem or Cloud

(NOT "Log Sources"!)

Sensors

- ✓ One per Internet Ingress/Egress (Firewall)

(NOT "GB/day" "EPS" or Incidents!)





Questions?



Thank You!