Make Your SOC Rock

Wissam Ali-Ahmad | Lead Solutions Architect

Meera Shankar | Global Strategic Alliance Manager

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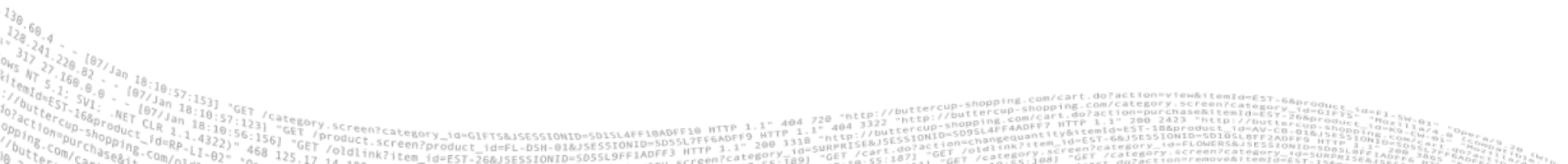
Agenda

- The holes in our SOCs today
- Nerve Center 1.0
- Towards a modern Security Operations Center
- SOAR to new heights with our Security Ecosystem
- Introducing the Adaptive Operations Framework



Frustrated with Your SOC ?

EVOLVING THREATS

$3 Trillion

Expected global cost of cybercrime by 2021

LACK OF VISIBILITY

70+

Security tools to manage

SKILL SHORTAGE

3.5 Million

Unfilled cybersecurity jobs by 2021

75% YOY increases

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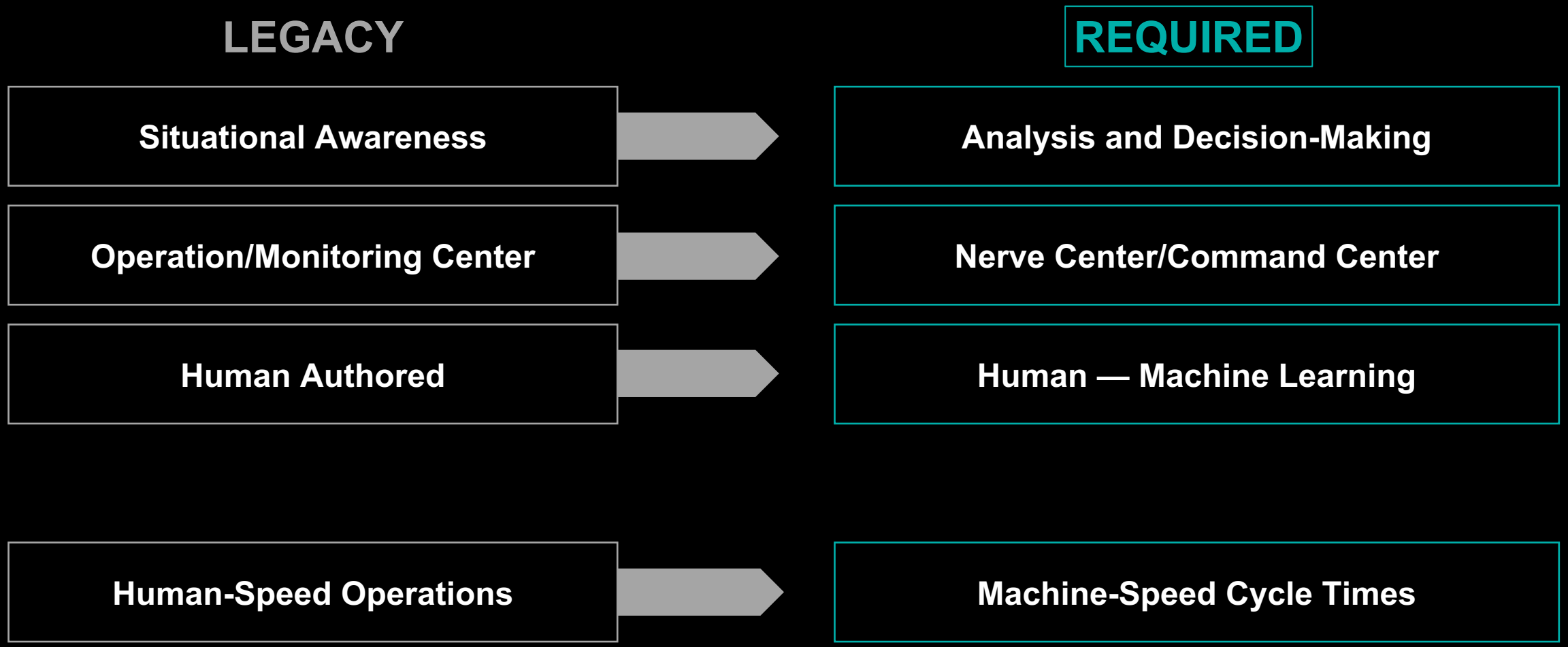
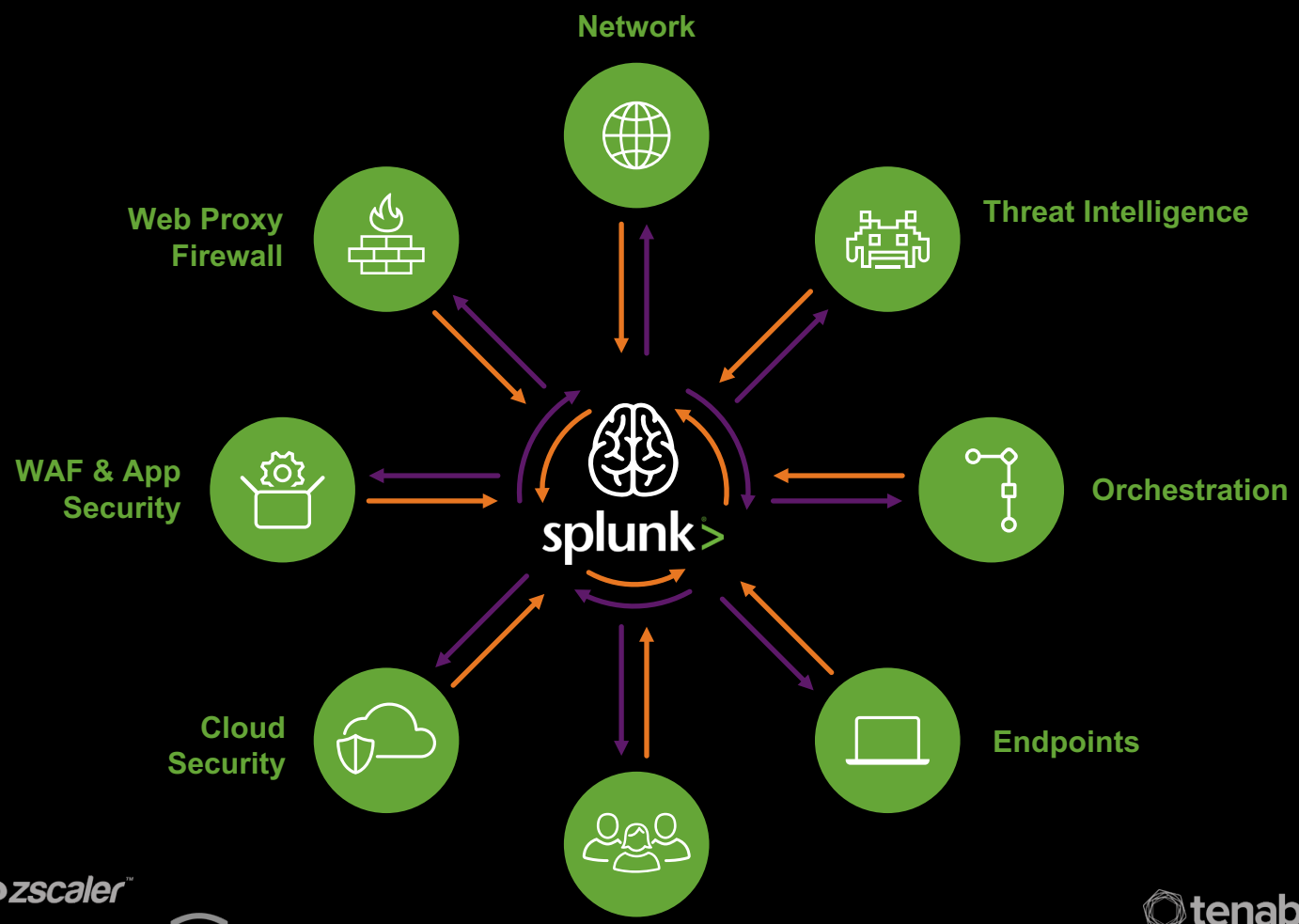
Towards the Next Gen SOC



Nerve Center 1.0



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TANIUM
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FORTINET
VMRAY
SailPoint
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INTERNET STORM CENTER
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QUALYS

DomainTools
Cisco Umbrella
SWIMLANE
CYLANCE
Signal Sciences
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THREATCONNECT
LogicHub
ANOMALI
netskope
CROWDSTRIKE
Pinn AuthX
cisco
SHODAN
CARBON BLACK
SYNCURITY
Phantom
okta
ACALVIO
TCELL
SentinelOne
Gigamon
tenable
algosec
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graphistry
accenture
Cisco Cloudlock

You Spin My Head Right Round…

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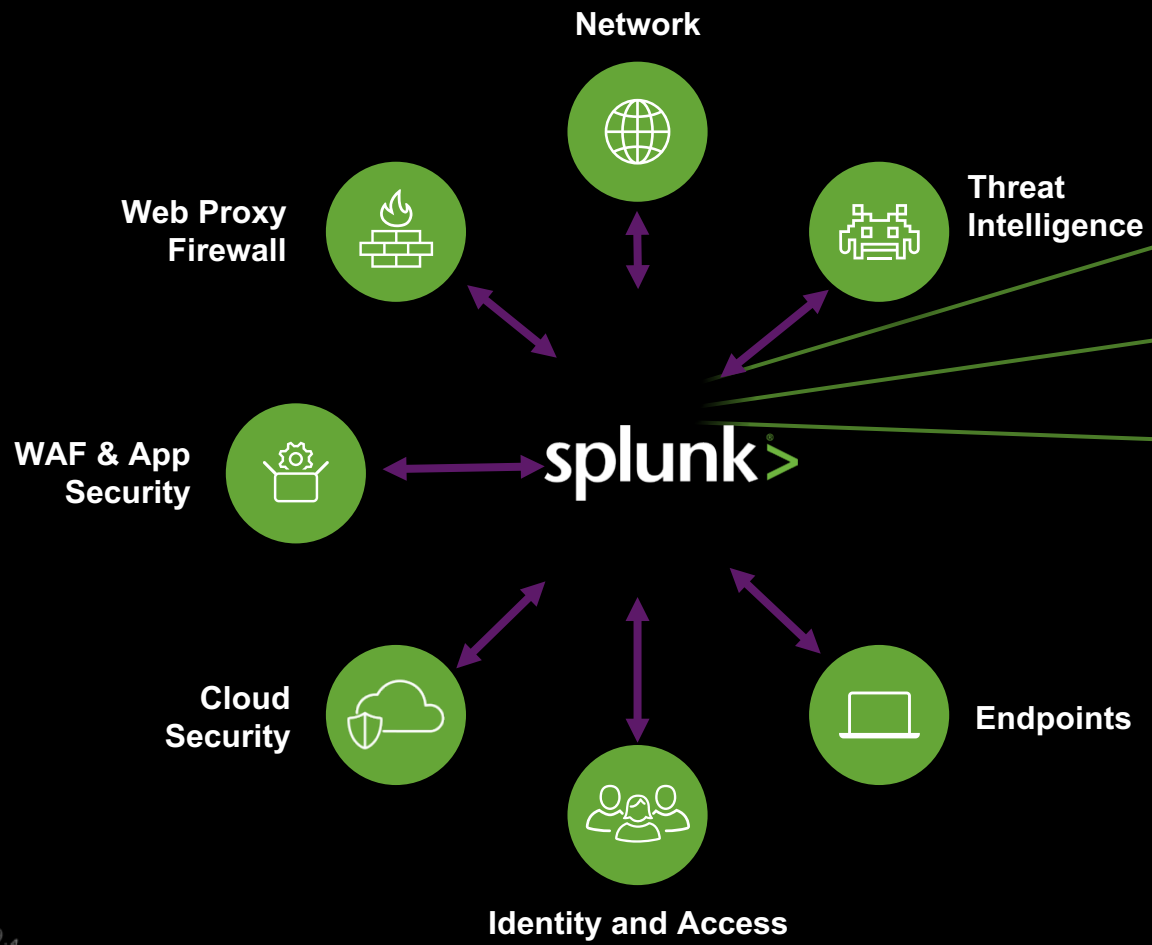
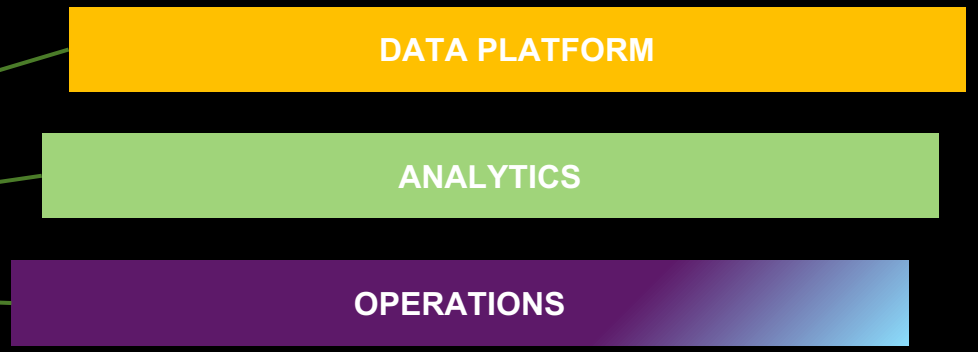
Toward a Modern SOC

SOAR Accelerates Splunk's Nerve Center security vision





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- **Advance cyber defense** and reduce risk using an analytics-driven approach
- **Respond faster** by accelerating incident response
- **Work smarter** and reduce staffing and skills challenges

SOAR With Splunk & Phantom

Security Operations Challenges

- INEFFICIENT & INCONSISTENT PROCESS
- STAFFING CHALLENGES
- INCREASING EXPOSURE

Outcomes with Phantom

- EFFICIENCY
- REPEATABLE & AUDITABLE
- DECREASING DWELL TIMES

BEFORE PHANTOM
SITUATION

- Limited & stretched resources
- Complex infrastructure with wide range of technologies from multiple security vendors
- Alert fatigue
- Expanding/changing attack surface

AFTER PHANTOM
SITUATION

- Resources can focus on strategic security activities
- Faster investigations across complex infrastructure
- Increase SecOps process and team efficiency
- Reduce the attack surface risk through automation

Blackstone

- Reduced alert investigation times from **30-45 minutes** to less than **one minute**
- Applied a consistent approach to alert management and investigation, eliminating human error
- Increased resource efficiency by turning manual, repetitive tasks into automated processes

Ecosystem Content Drives the Nerve Center

Splunk Apps and Add-ons

Security integrations using Splunk Core

Phantom and AR integrations

3rd party APIs/Integrations using either ES or Phantom

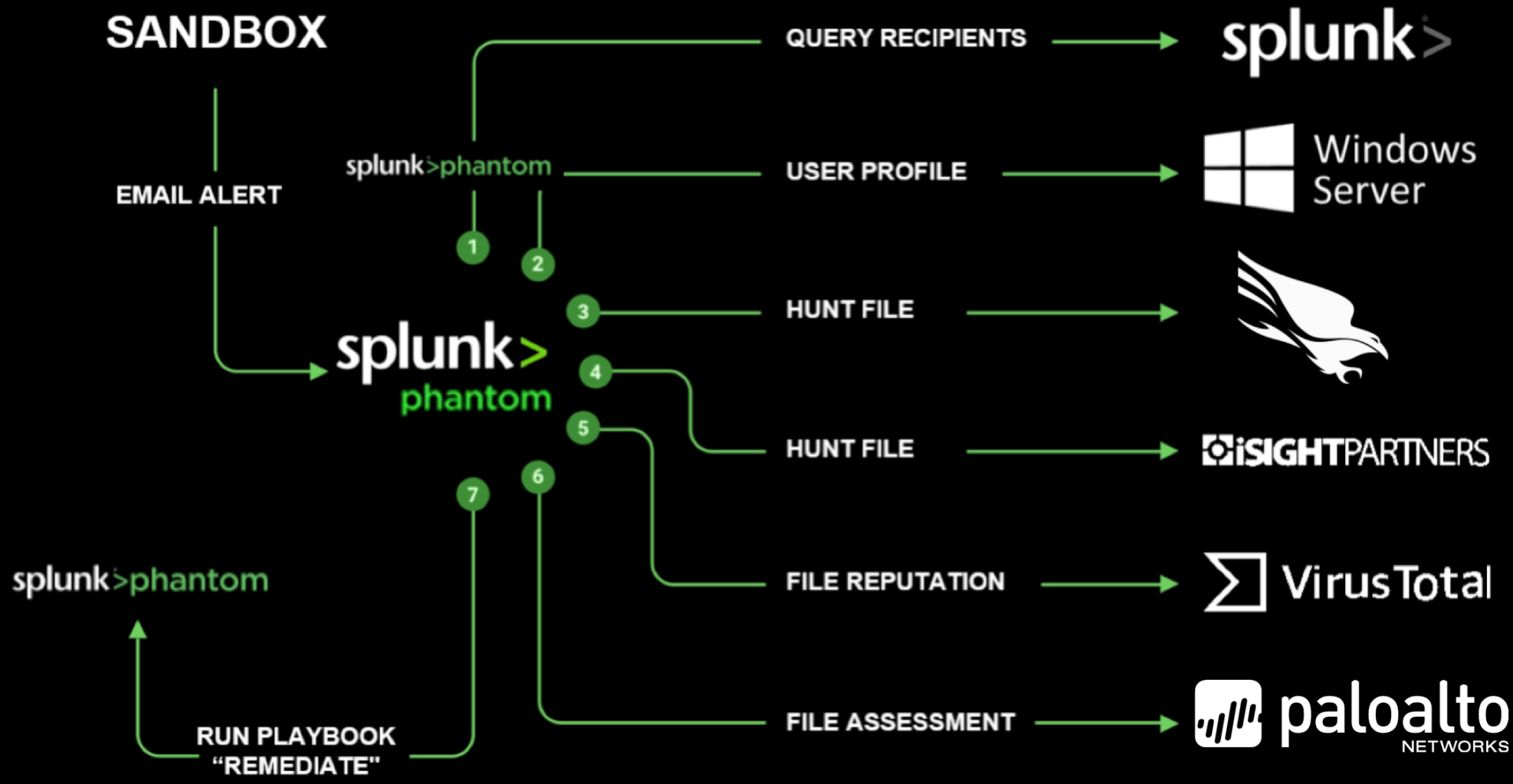
Analytic Stories (ES Content Update)

Correlation searches and AR actions for Threat Detection & Response

Phantom Playbooks

Advanced automation/orchestration with 3rd party applications

Ecosystem Actions Drive Orchestration



Adaptive Operations Framework

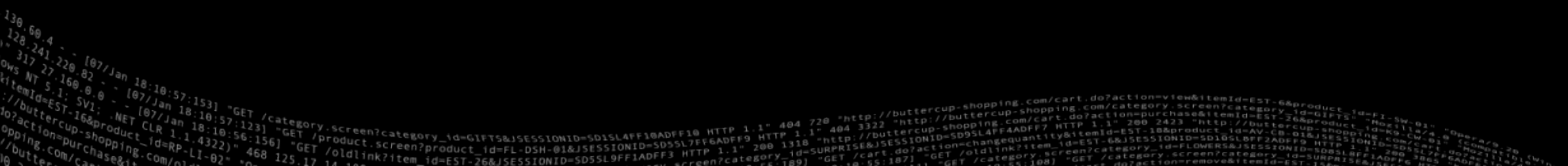
Open ecosystem of security vendors committed to improving cyber defense and security operations.

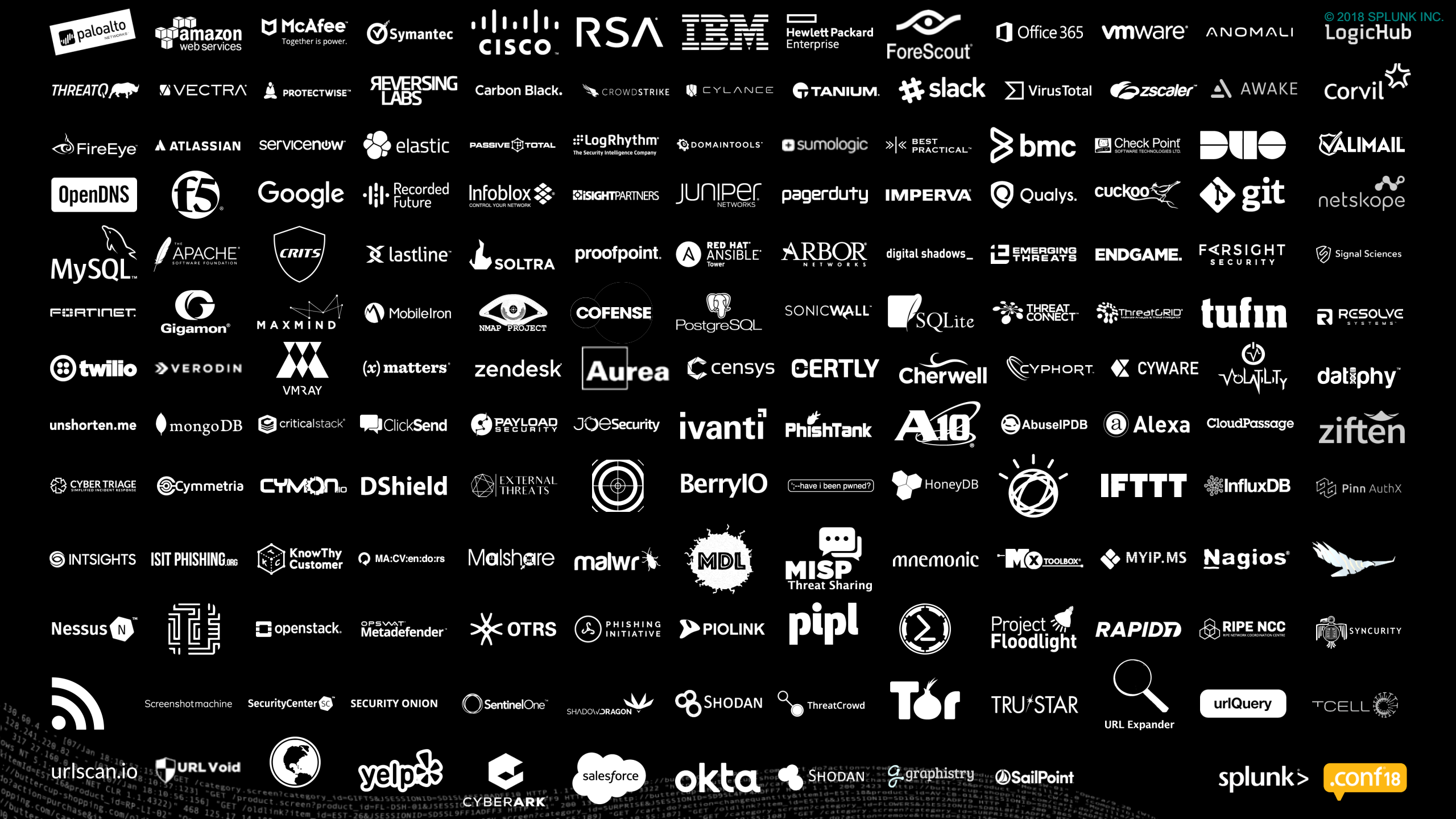
Splunk Adaptive Operations Framework

Largest Community of Innovative Security Vendors

Improve Cyber Defense

Streamline Security Operations

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PostgreSQL
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SQLite
THREAT CONNECT
ThreatGRID
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(x) matters
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datto
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mongoDB
criticalstack
ClickSend
PAYLOAD SECURITY
JOESecurity
ivanti
PhishTank
A10
AbuseIPDB
Alexa
CloudPassage
ziften
CYBER TRIAGE SIMPLIFIED INCIDENT RESPONSE
Cymmetria
CYMON.IO
DShield
EXTERNAL THREATS
BerryIO
';--have i been pwned?
HoneyDB
IFTTT
InfluxDB
Pinn AuthX
INTSIGHTS
ISIT PHISHING.ORG
KnowThy Customer
MA:CV:en:do:rs
Malshare
malwr
MDL
MISP Threat Sharing
mnemonic
MX TOOLBOX
MYIP.MS
Nagios
Nessus
openstack.
OPSWAT Metadefender
OTRS
PHISHING INITIATIVE
PIOLINK
pipl
Project Floodlight
RAPID7
RIPE NCC
SYNCURITY
Screenshotmachine
SecurityCenter SC
SECURITY ONION
SentinelOne
SHADOWDRAGON
SHODAN
ThreatCrowd
Tor
TRUSTAR
URL Expander
urlQuery
TCELL
urlscan.io
URLVoid
yelp
CYBERARK
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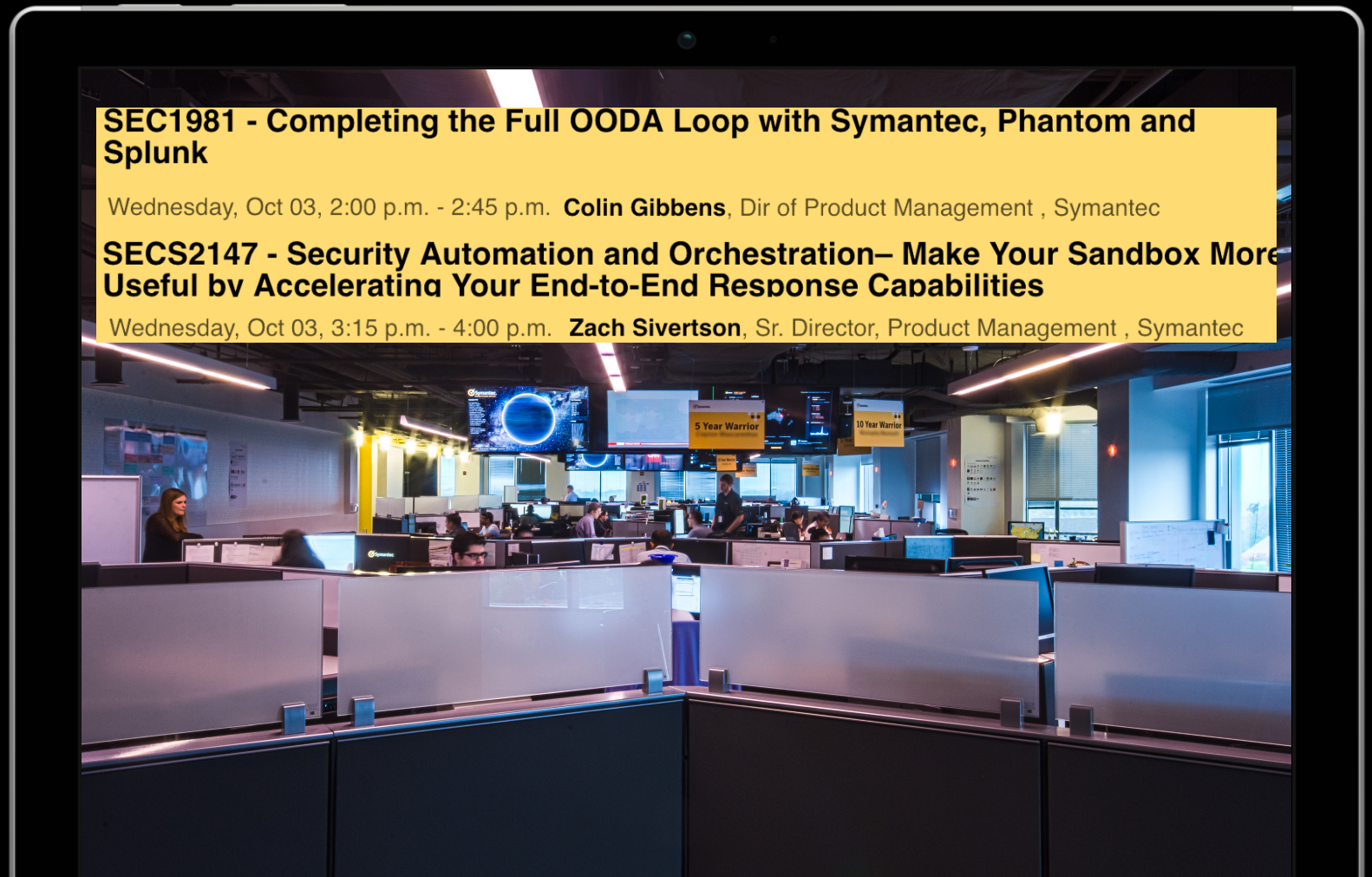
Demo

AOF-Driven Incident Response

Symantec JSOC

Powered by Splunk Phantom



- 6 worldwide SOC locations
- Global team of few hundred analysts
- Handling 150 billion security events per day
- Using Phantom for:
  - Automation & Orchestration
  - Consolidation of security tools and alerts

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AOF Logo

Powering
The Next Gen SOC

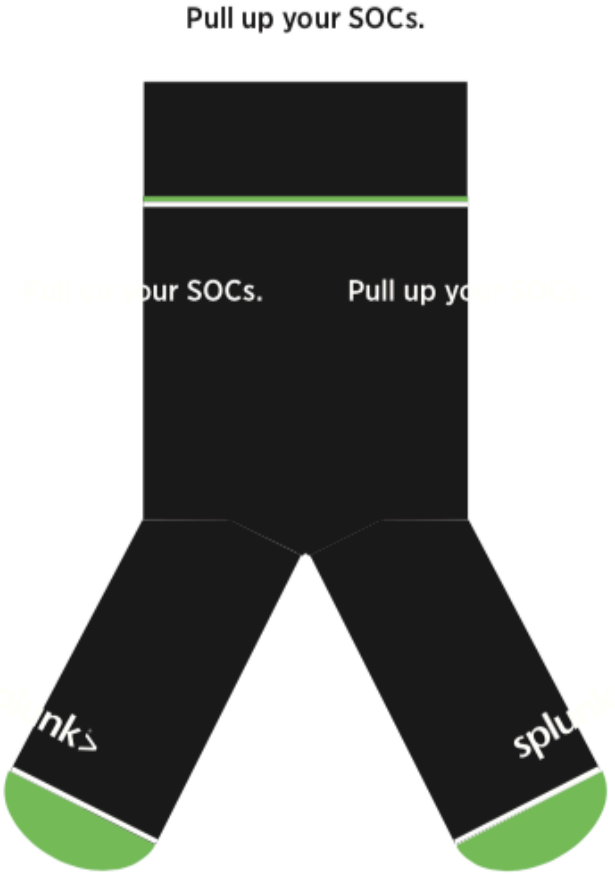
Nerve center for security

Collaborative SOC

Establish security operations

Solve across multiple domains

Specific problem



For more information on
Splunk Adaptive Operations Framework,
visit http://splunk.com/aof

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