

The AI-Driven & Automation SecOps Transformation Platform

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Now

SOC Mission

Defend our information and technology resources, intellectual property and ability to operate by disrupting our adversary's ability to conduct their operations and achieve their desired outcomes.

SOC SERVICES

THREAT MONITORING — THREAT HUNTING — INCIDENT RESPONSE

ROUGH SCOPE

19k

USERS

400k

SERVERS & VMs

19K

LAPTOPS/DESKTOPS

11 trending

DATA CENTERS

SECURITY SERVICES CONSUMED BY
85k+

CUSTOMERS

ENDPOINTS

Human-Centered SOC's Can't Stop AI-Fueled Threats



300%

Increase in
attacks in 2025



25 min

Median time to
exfiltrate data using AI



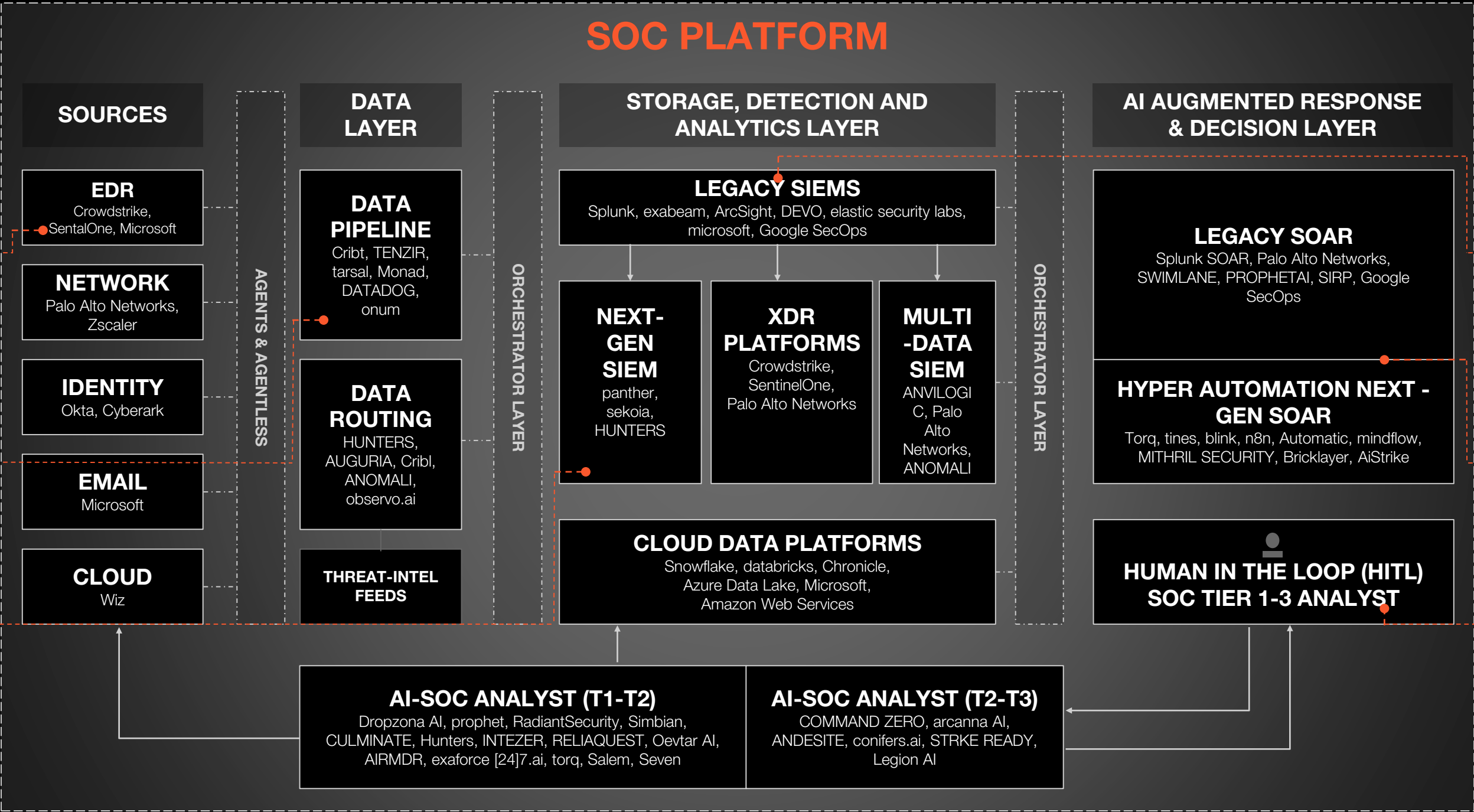
2-3 days

Median time to
resolve (MTTR)

Sources: Unit 42 Global Incident Response Report, 2. 2025 Global Incident Response Report, Palo Alto Networks 3. XSIAM customer interviews and product telemetry

How Can The “Modern” SOC Possibly Work?

What one blog proposed as the “Modern” SOC...



Separate tools for detection

Separate data repositories

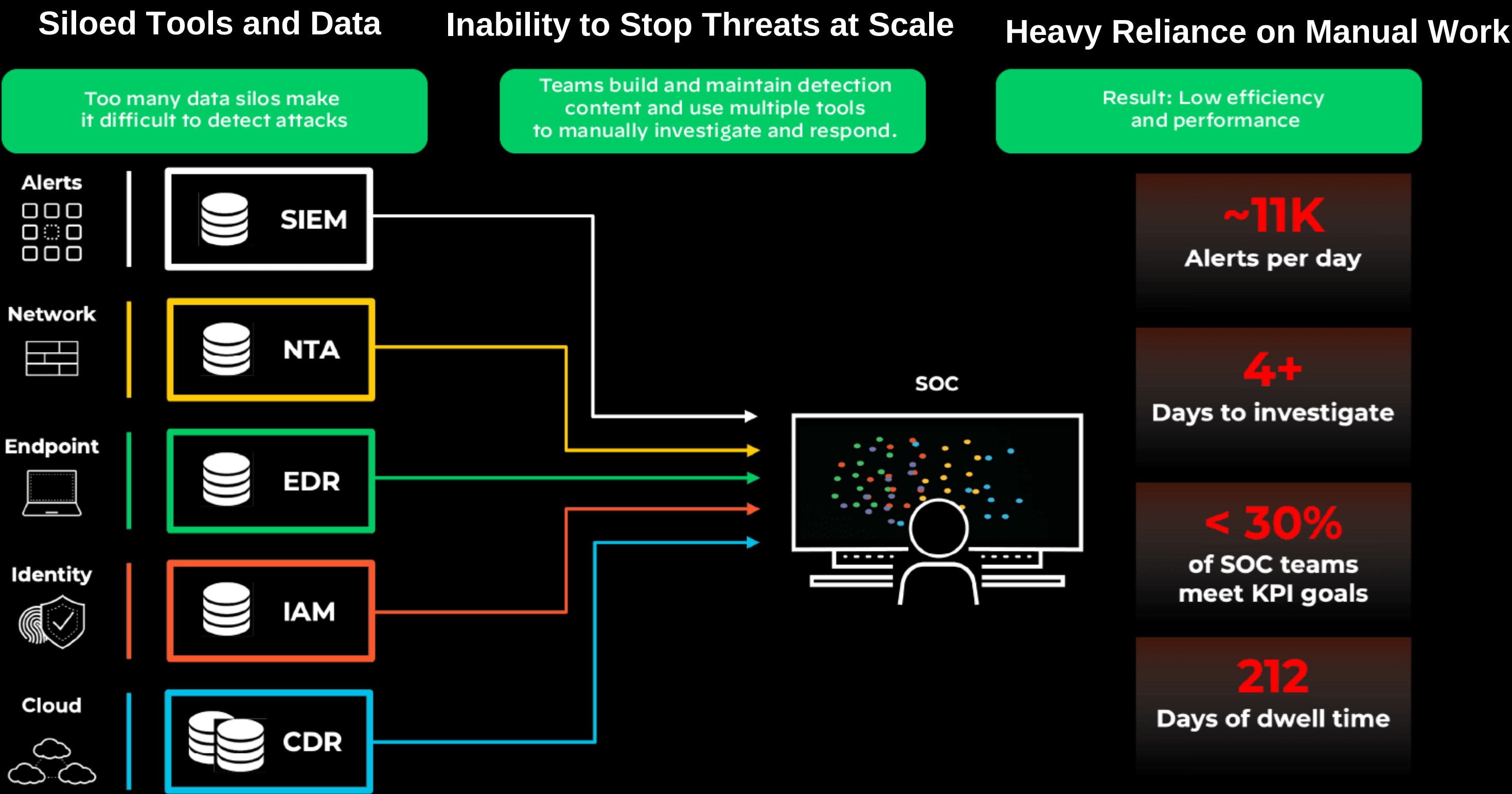
Manual, static correlation rules

Siloed Analytics

Separate, labor-intensive automation

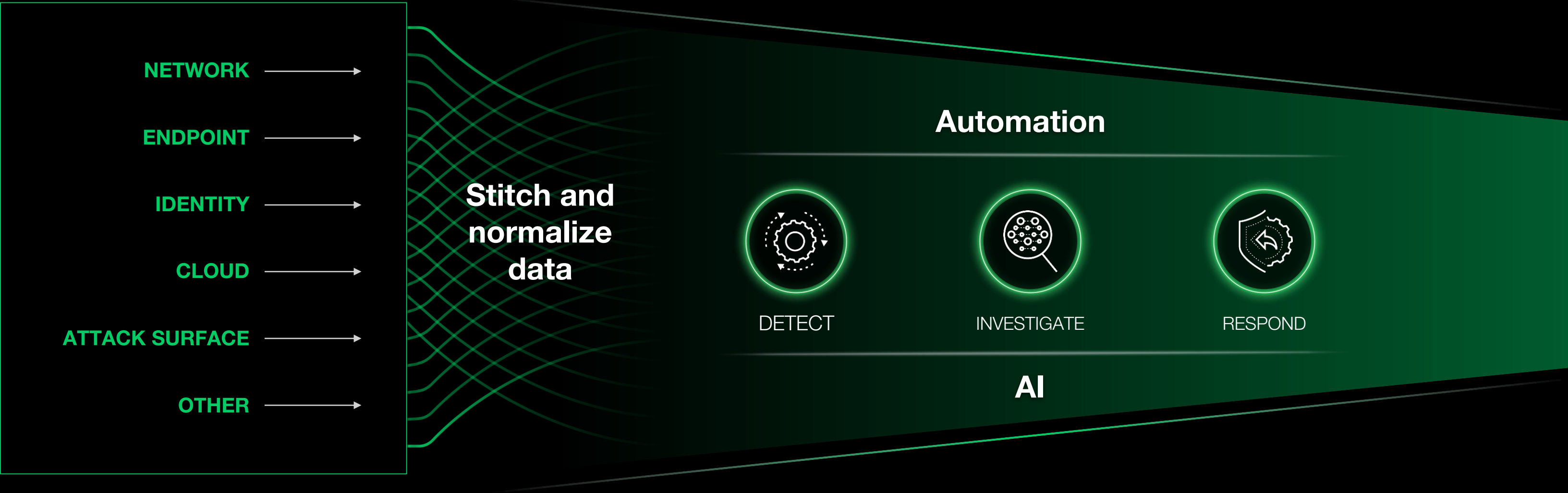
No clear next steps

Three primary challenges that SOC teams face today



The Solution: Rethink and Transform Security Operations

What's Needed: One Platform Powered by AI & Automation



Massive data, with automated stitching and grouping

Automated detection and AI-guided investigation and response

Empowered analysts become more proactive

Cortex XSIAM: AI-Driven Security Operations



Capabilities that Drive Further Integration

ITDR

TIP

ASM

Exposure
Management

Email
Security

MSIAM

Replace Multiple SOC Tools

SIEM

SOAR

XDR

CDR

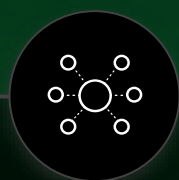
NDR

Cortex XDL

Data Normalization | Agentic AI | Automation



Endpoint



Network & SASE



Cloud



Identity



Open Ecosystem,
Any Source

Unified SecOps

One platform. One user experience

AI-powered protection

Best-in-class 100% detection in MITRE

Industry-leading automation

1,000+ automation playbooks

AI-driven response

Up to 98% faster MTTR

Delivering Unprecedented Results for the Largest Organizations Worldwide

Days



Drastically Reduced MTTR

~1 hour



Under 10 minutes



Global logistics leader with ~300K employees

7 → 1

reduction in point products



Leading North American energy company

75%

reduction in incident volume



Leading home and business security company

92%

of alerts resolved automatically

Sources: Palo Alto Networks case studies



One Platform for Proactive & Reactive Security

Data: Unified Tools & Data to Power AI and Automation



Data



AI



Automation

Any Data Source



Endpoint



Network



Cloud



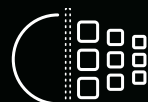
Identity



Email



Other



Ingest
raw
data



Normalize
data
for AI



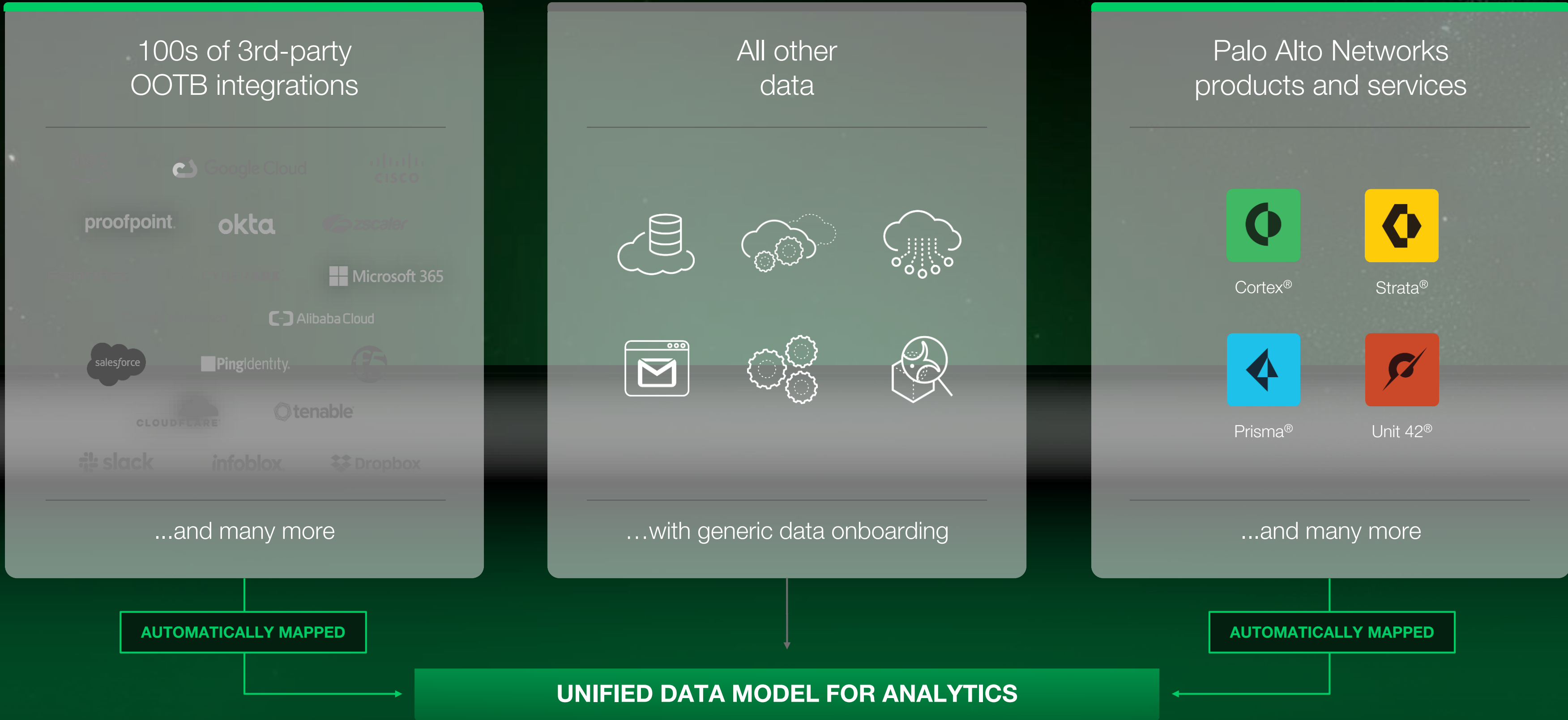
Enrich data
with threat
intelligence



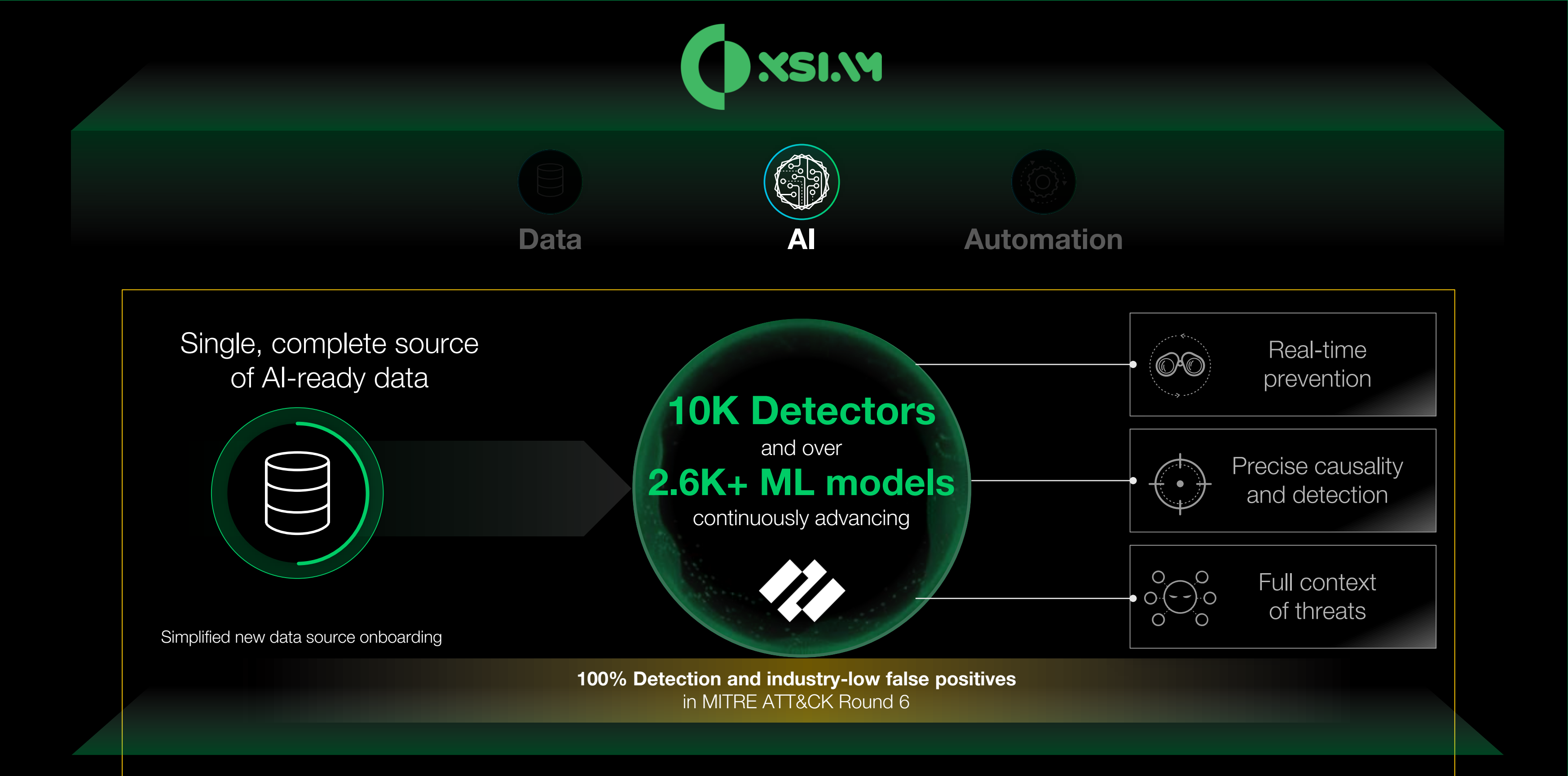
Single, complete
source of
AI-ready data

Simplified new data source onboarding

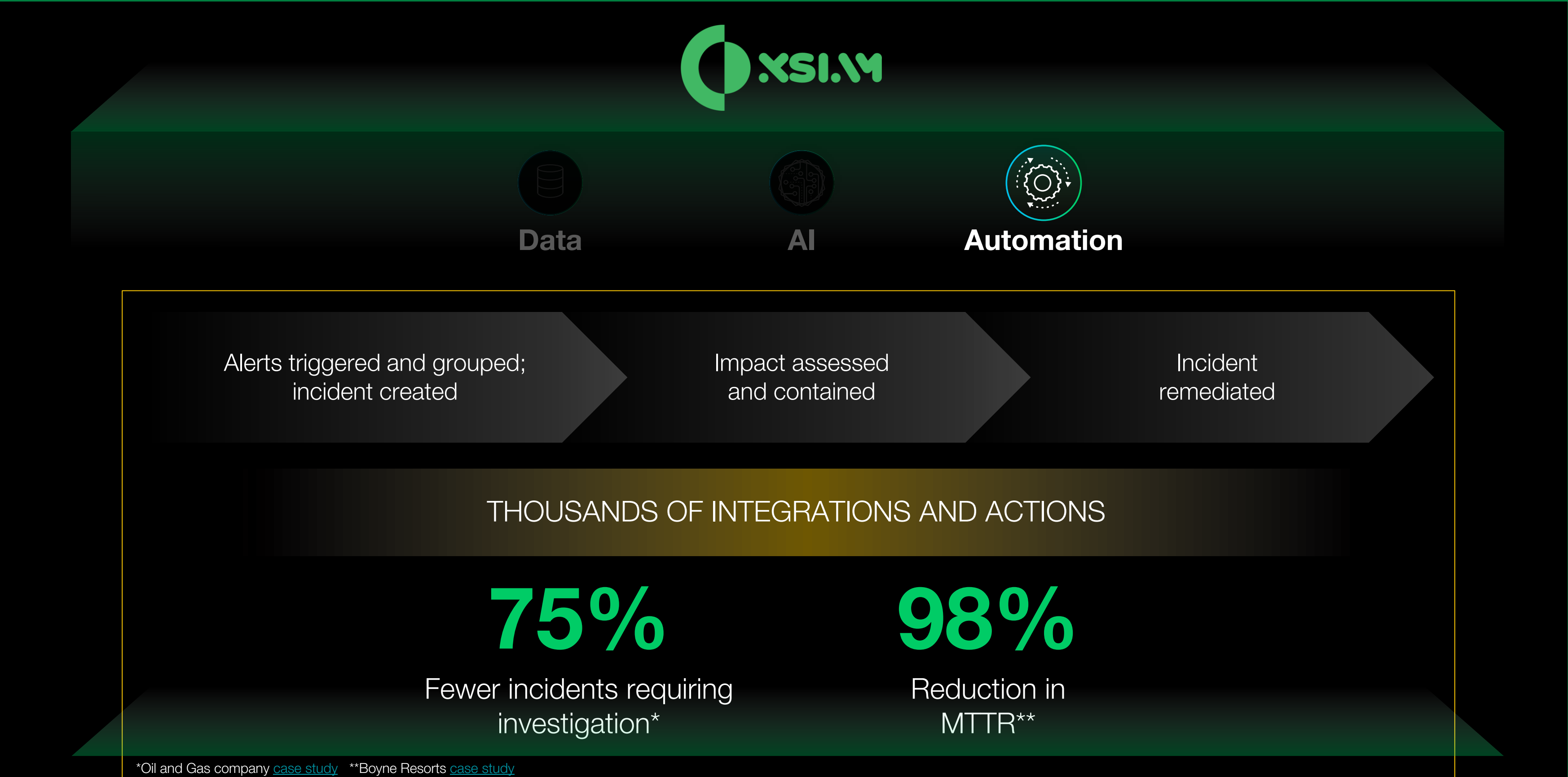
Data onboarding | Ingest ANY data source



AI: AI-Powered Defense to Stop Threats in Minutes

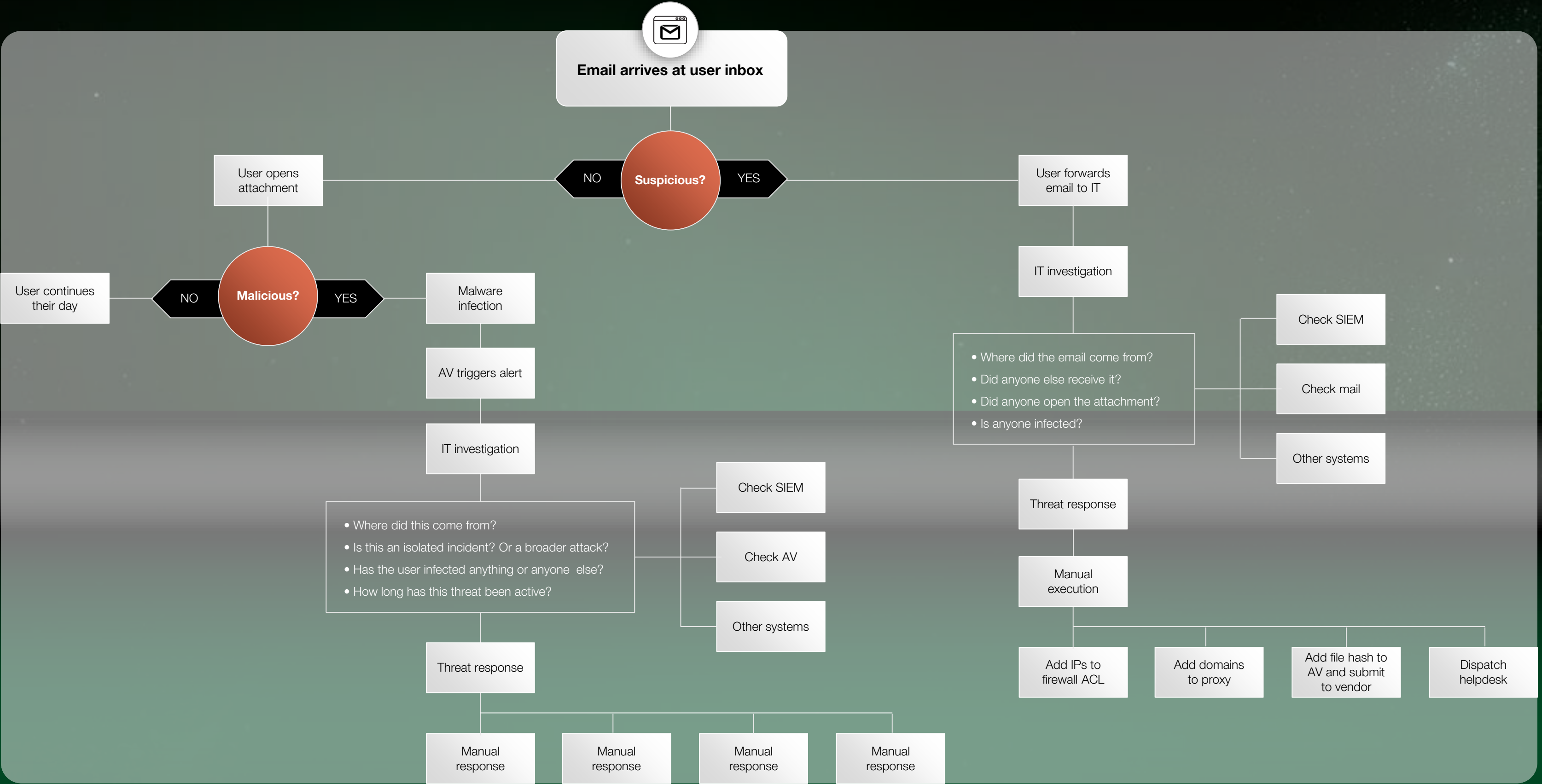


Automation: Automated Operations to Accelerate SOC Workflows

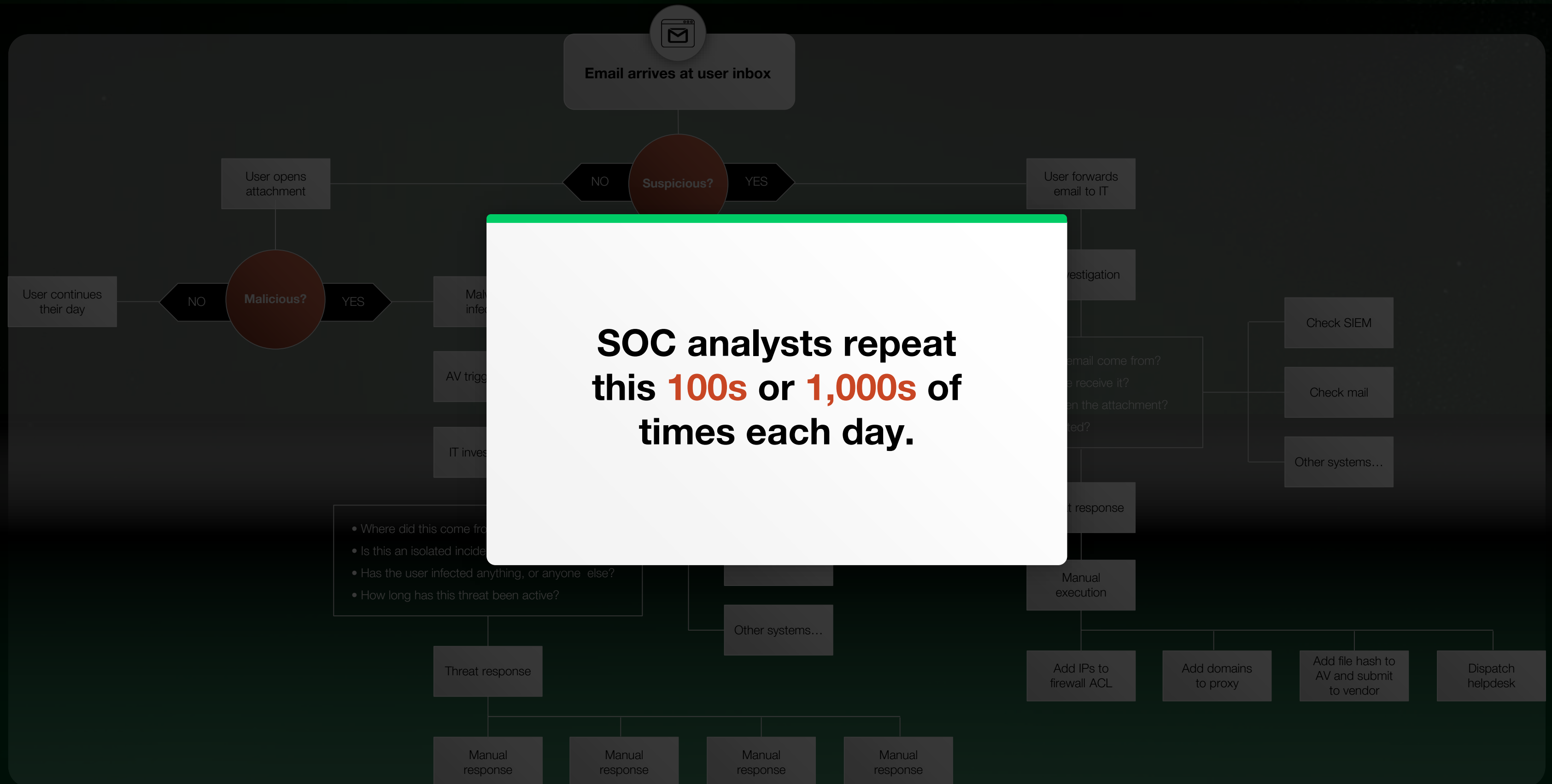


*Oil and Gas company [case study](#) **Boyne Resorts [case study](#)

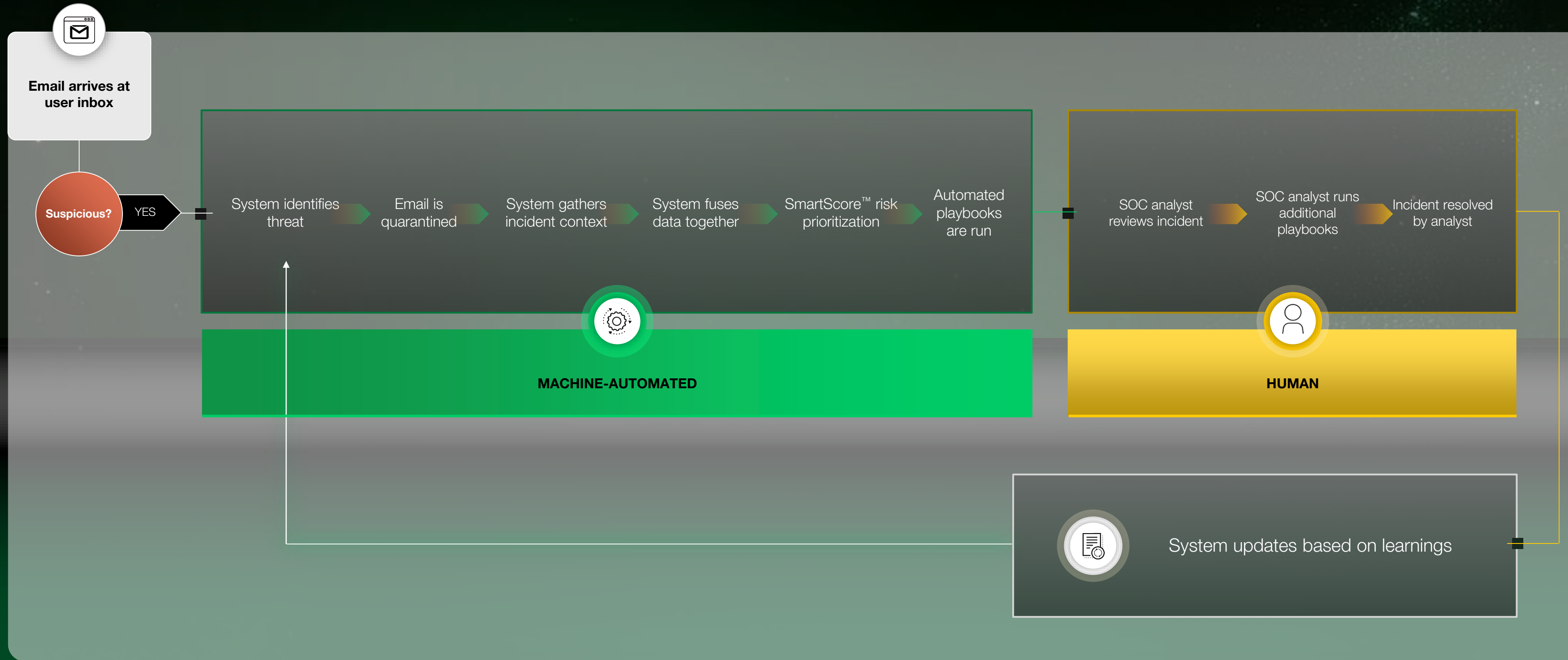
The SOC without automation



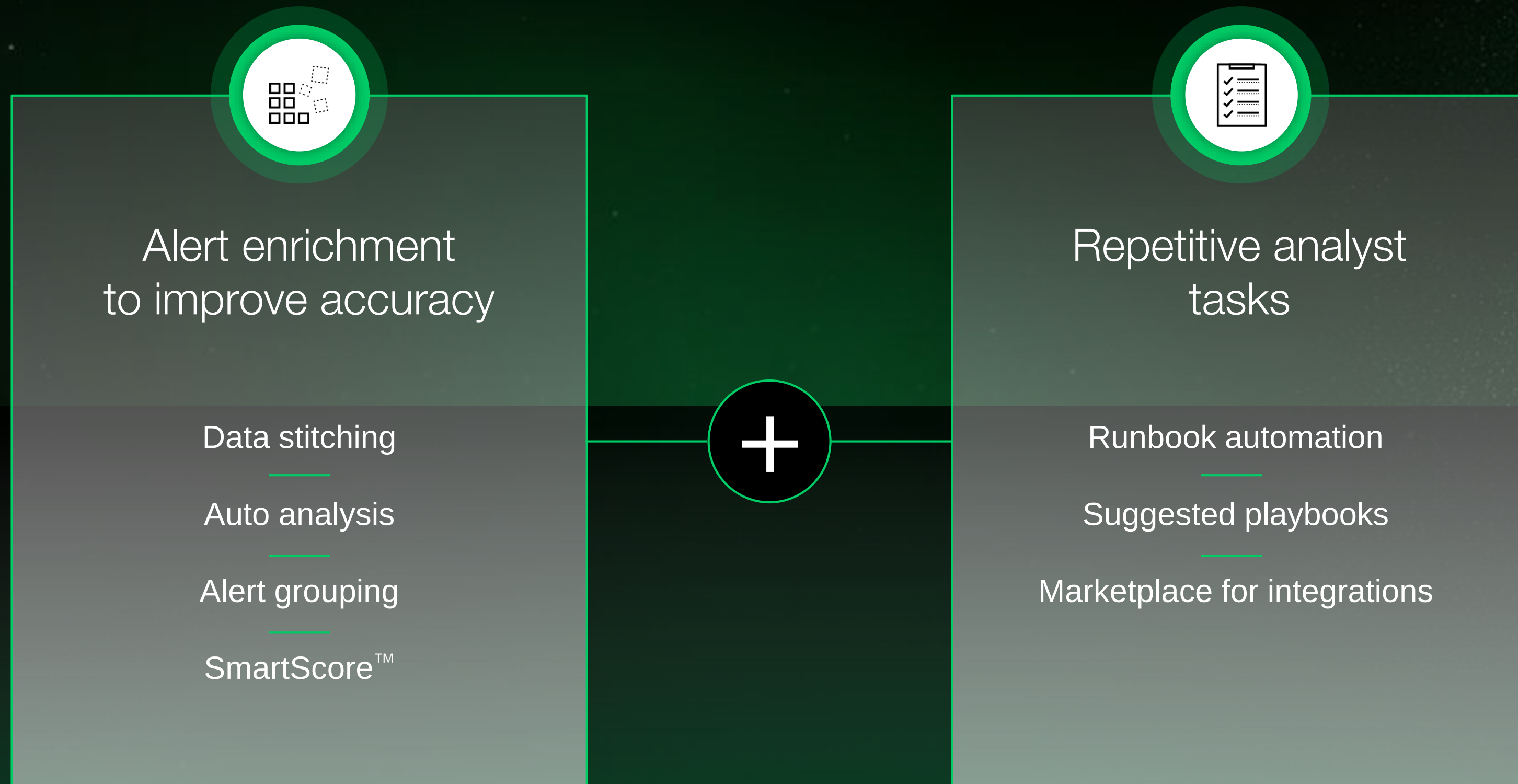
The SOC without automation



What if automation can take on the heavy lifting for SOC teams?



Two categories of automation in XSIAM



Machine + human automation in XSIAM

XSIAM continually ingests and analyses new data.

XSIAM stitches related data, groups alerts into incidents, evaluates risks, and runs approved automated playbooks.

XSIAM runs additional playbooks.

XSIAM offers opportunity to automate additional playbooks in the future.



MACHINE-AUTOMATED



HUMAN

SOC analyst starts their day by going to XSIAM command center.

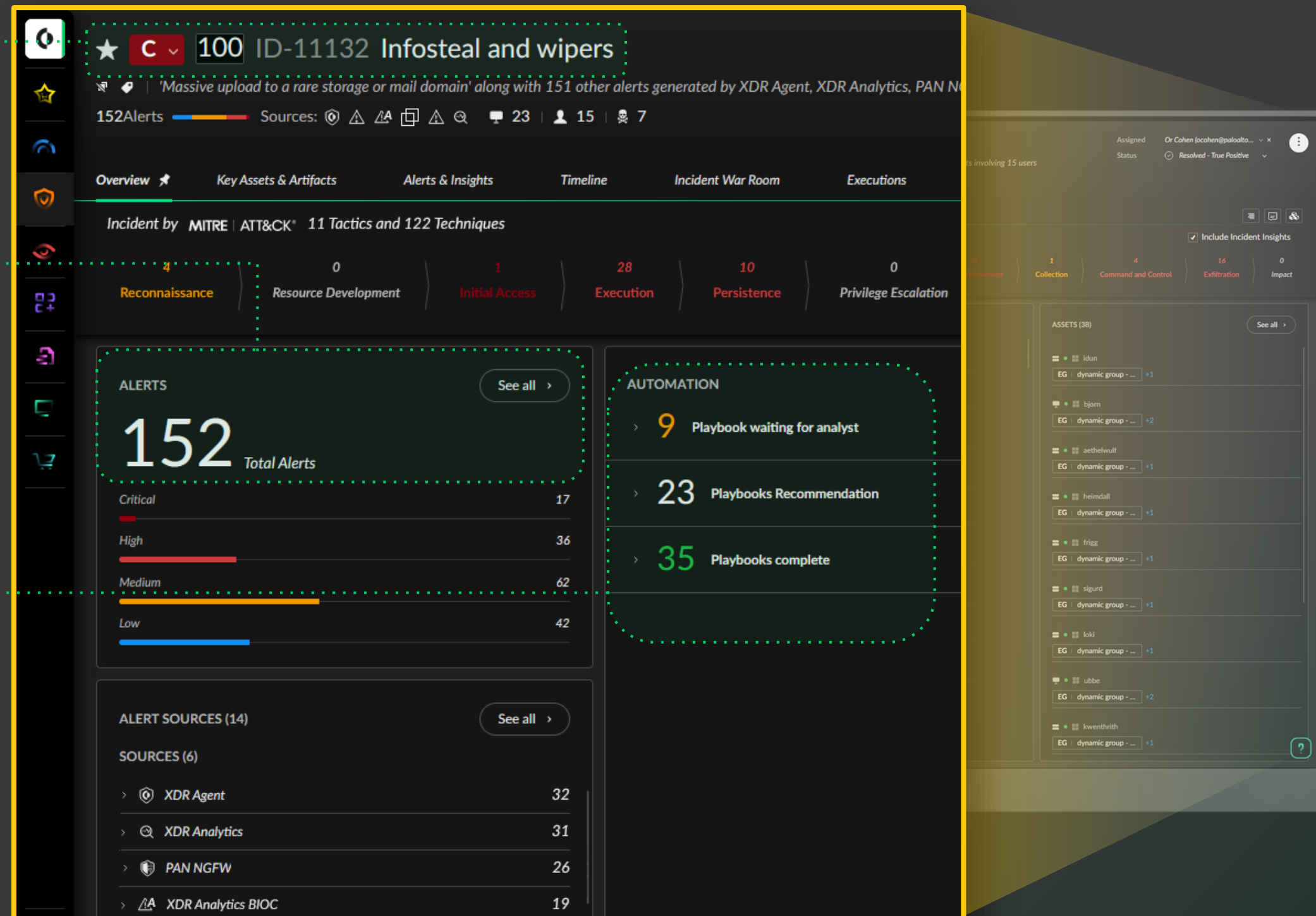
They review alerts and incidents, monitor what's been resolved and what needs more attention.

They dig into remaining incidents, review data and recommended remediations.

Once all playbooks are run, the analyst closes the incident.

Simplifying The Complexity of Responding To An Attack

- SmartGrouping elevates 150+ alerts from 14 sources
- Created one critical priority incident
- Automatically:
 - Presented 9 response automations to resolve the incident
 - Recommended 23 playbooks for increased automation in the future
 - Ran 35 actions to prepare for response

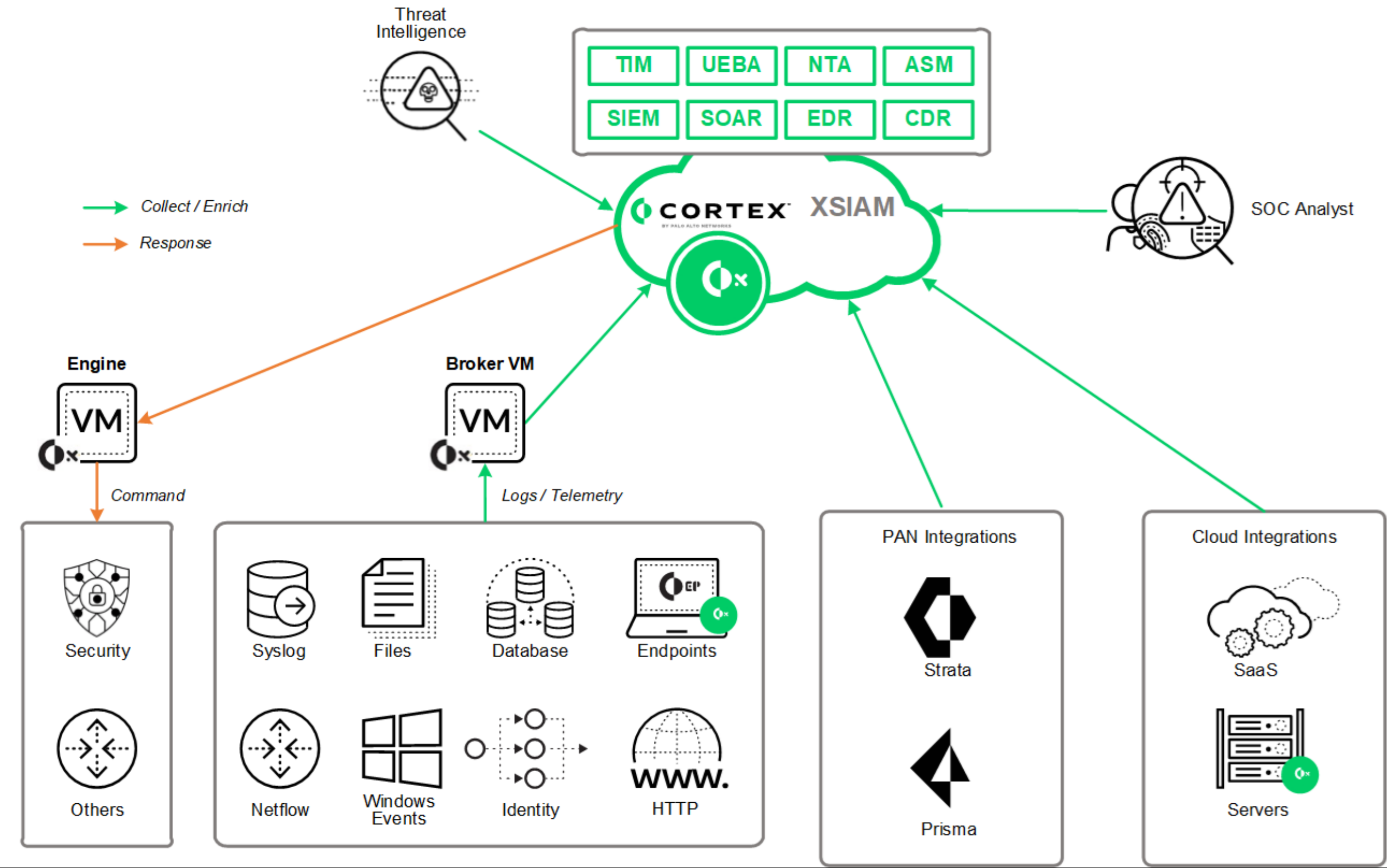


Stitching Data from All Major Sources with Dedicated Data Models



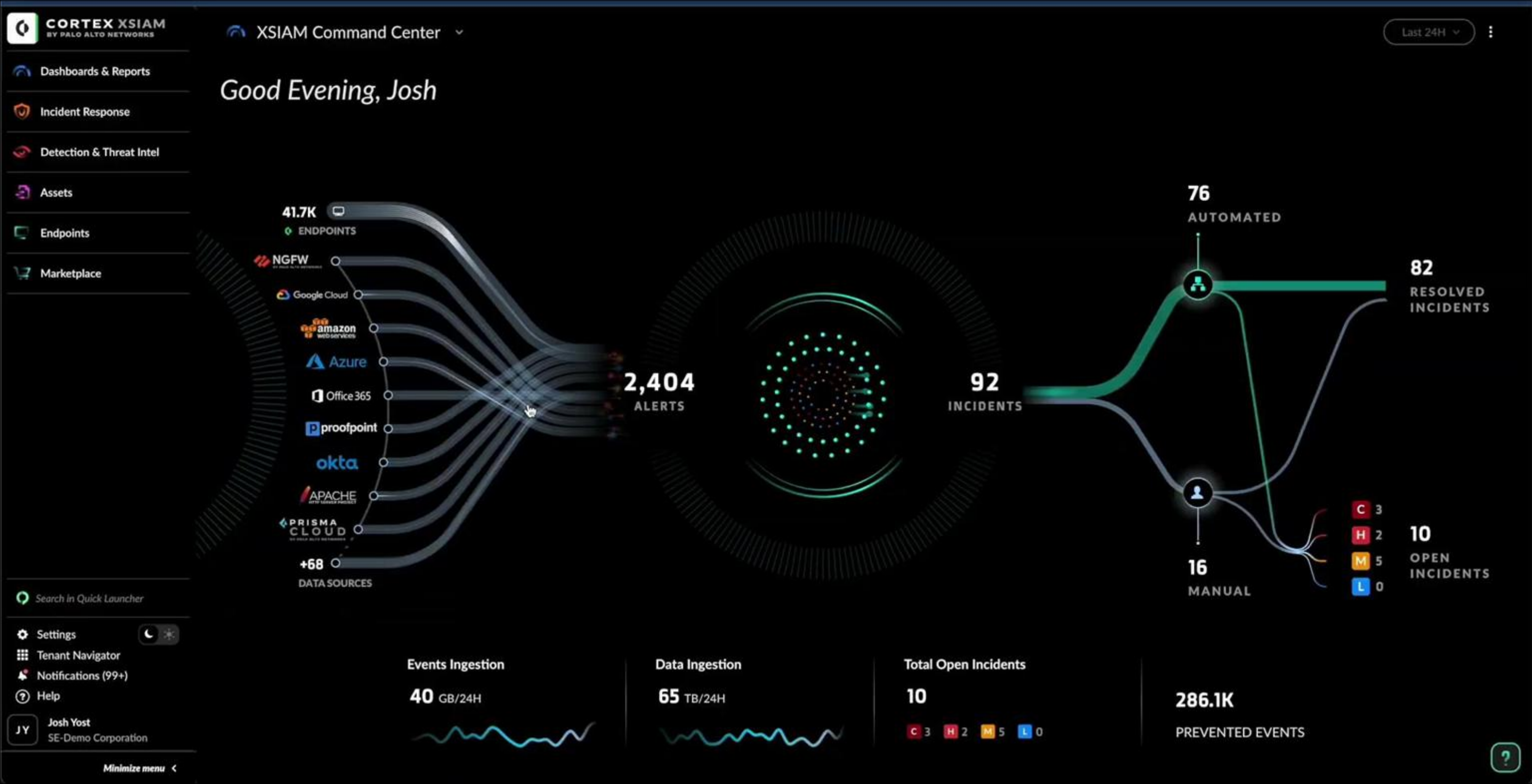
Architecture

Cortex XSIAM High Level Architecture



Demo

XSIAM Demo



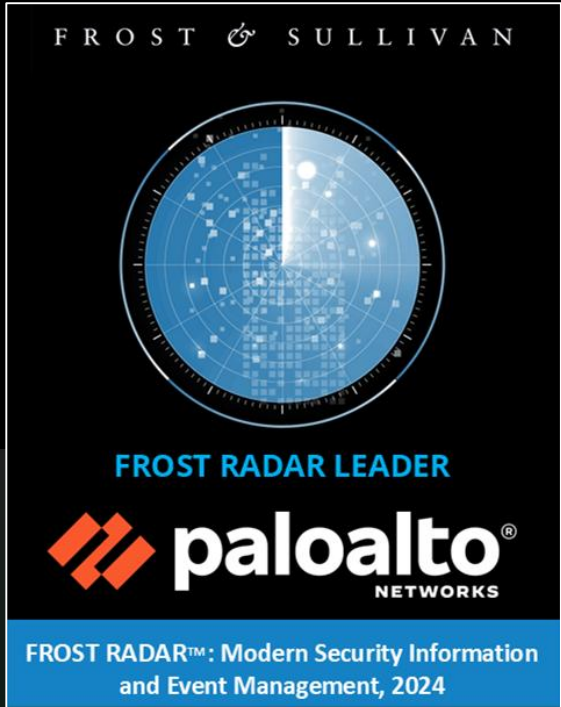
Thank You

paloaltonetworks.com

Recognized As A Leader By Industry Analysts



LEADER: GigaOm
Radar for the 2nd year
in a row



LEADER: Frost and
Sullivan
Modern SIEM



LEADER: Omdia
Universe:
Next-Gen SIEM



100% DETECTION:
MITRE ATT&CK
Evaluations: Enterprise

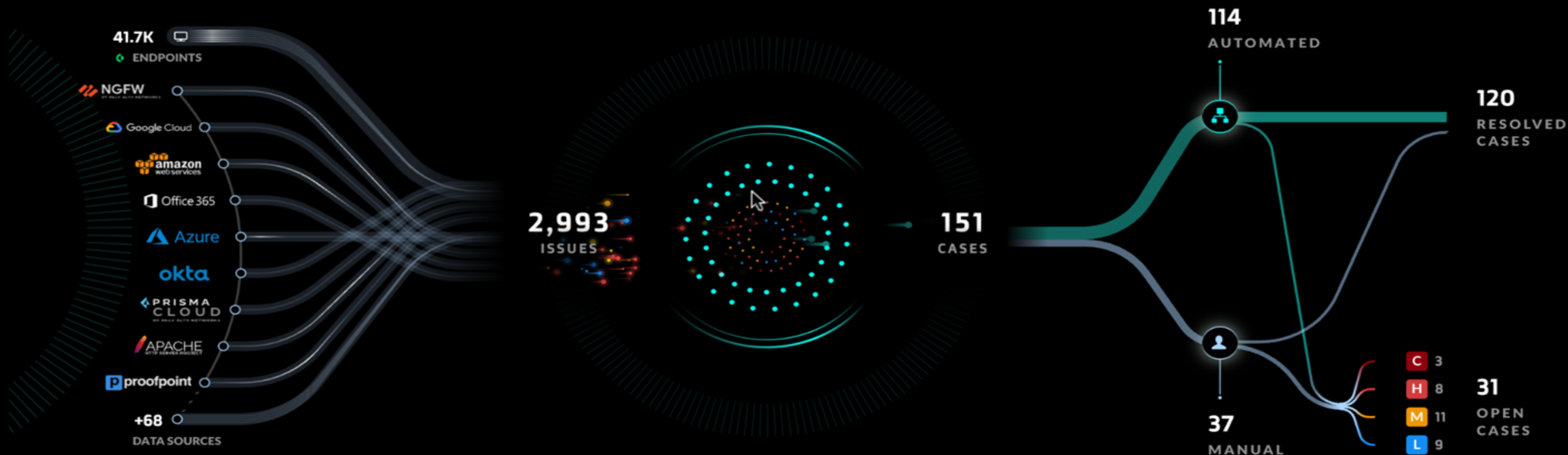


4.5 STARS OVERALL
for Cortex XSIAM

APPENDIX



Good Morning, Tien



Events Ingestion

43 B/24H



Data Ingestion

65 TB/24H



Total Open Cases

31

C 3 H 8 M 11 L 9

286.1K

PREVENTED EVENTS





< Data Inventory

> 41.7K ENDPOINTS 56.3 TB/24H

2 PALO ALTO NETWORKS DATA SOURCES 3.1 TB/24H

NGFW 3.1 TB/24H

PRISMA CLOUD 3.9 GB/24H

75 THIRD PARTY DATA SOURCES 5.5 TB/24H

Google Cloud 2.5 TB/24H

amazon 2.5 TB/24H

Office 365 212.7 GB/24H

Azure 209 GB/24H

APACHE 4 GB/24H

proofpoint 2.1 GB/24H

okta 2 GB/24H

+68 Sources 9 GB/24H

[View Data Ingestion](#)

Events Ingestion

43 B/24H

Data Ingestion

65 TB/24H

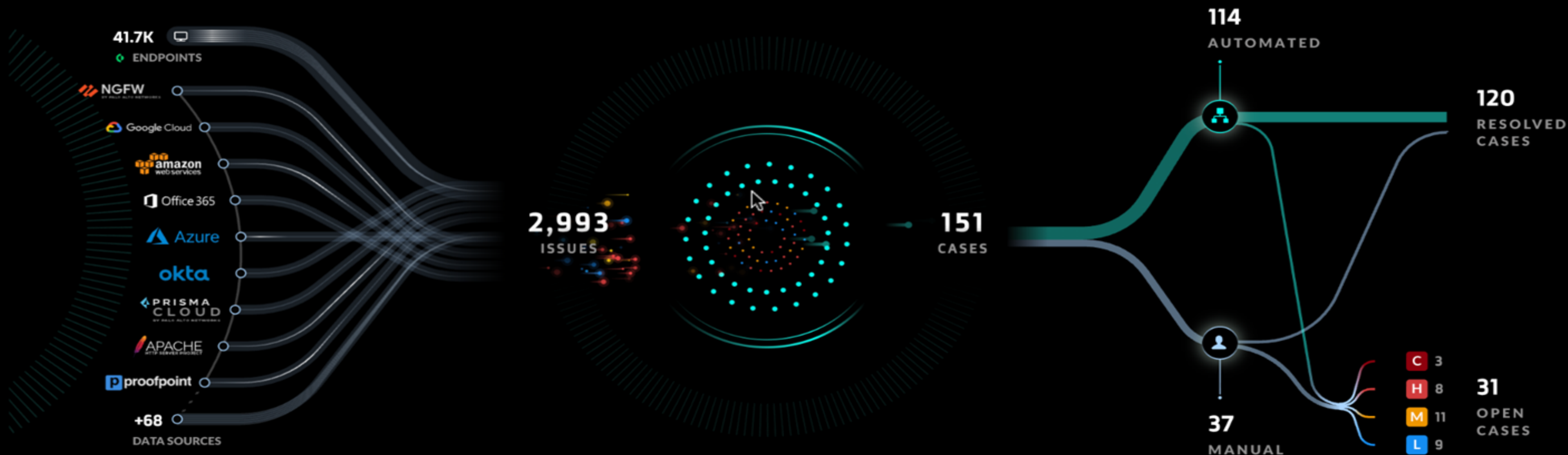
1

COLLECTION ERROR

2,663
ISSUES123
CASES286K
PREVENTED
EVENTS



Good Morning, Tien



Events Ingestion

43 B/24H



Data Ingestion

65 TB/24H



Total Open Cases

31

C 3 H 8 M 11 L 9

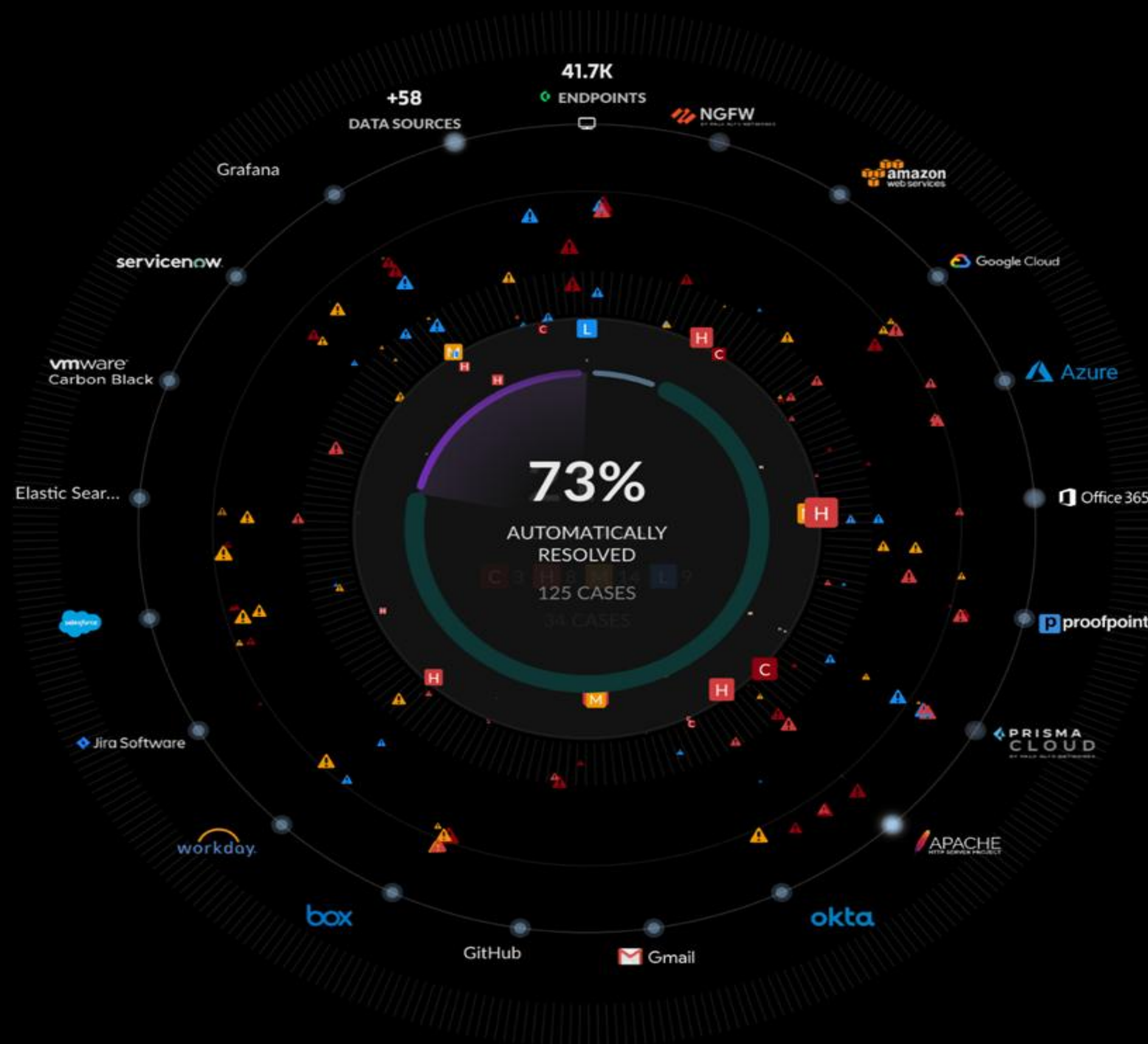
286.1K

PREVENTED EVENTS





< Dynamic View



Data Ingestion

65 TB/24H



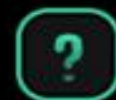
Total Open Cases

34

C 3 H 8 M 14 L 9

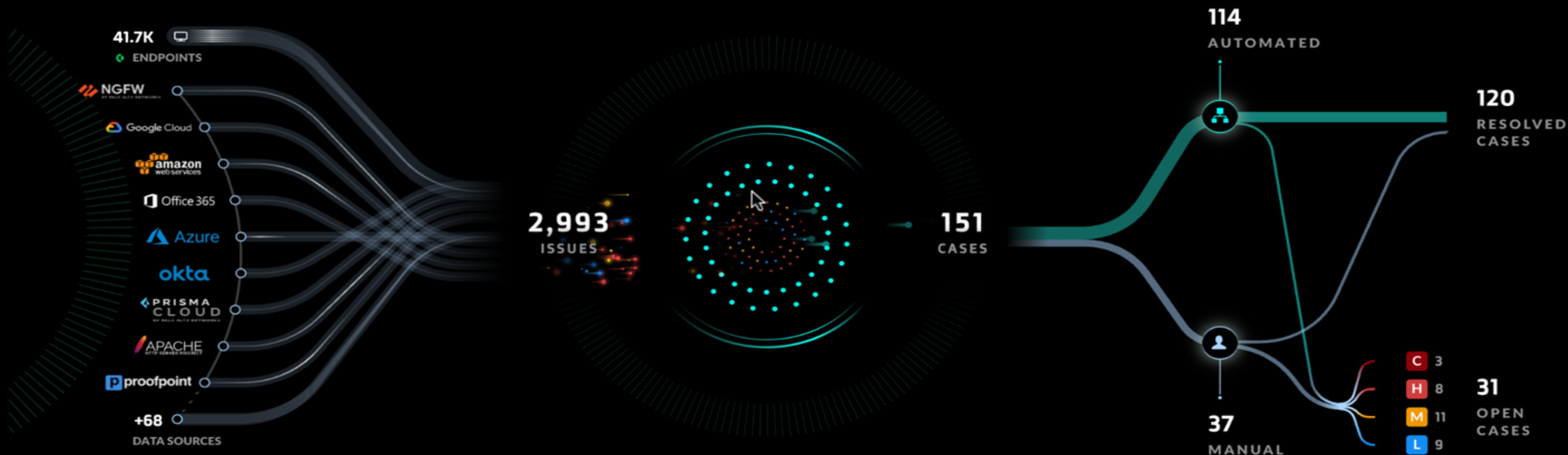
LIVE FEED

- New playbook suggestion | ID-...
- Case created | ID-977
- Case reopened | ID-981
- 6 Issues added | to 2 Cases
- 9 Incidents created
- 12 Playbooks suggestion | for ...
- Case resolved by XSIAM | ID-...
- Case created | ID-923
- Case resolved by XSIAM | ID-...
- 8 Cases | Resolved by XSIAM
- 8 Cases | Resolved by XSIAM
- Case resolved by Elad C... | ID-...
- Case reopened | ID-953
- 19 Playbooks suggestion | for ...
- Case resolved by Elad C... | ID-...





Good Morning, Tien



Events Ingestion

43 B/24H



Data Ingestion

65 TB/24H



Total Open Cases

31

C 3 H 8 M 11 L 9

286.1K

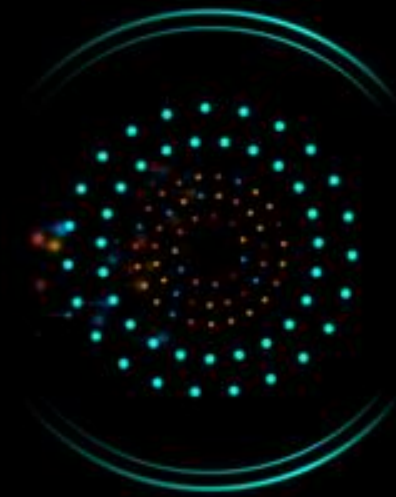
PREVENTED EVENTS





Cases Overview

3,096
ISSUES



182
CASES

139

AUTOMATED



43

MANUAL

30 Can be automated

By 15 recommendations

145

RESOLVED
CASES

37

OPEN
CASES

C 3

H 8

M 12

L 14

Resolved Cases by Assignee

Jaydon Bator	26
Lindsey Culhane	21
Makenna Stanton	13

MITRE | ATT&CK*

- 3 Reconnaissance
- 1 Resource Development
- 11 Initial Access
- 1 Execution
- 2 Persistence
- 1 Privilege Escalation
- 0 Defense Evasion
- 0 Credential Access
- 2 Discovery
- 4 Lateral Movement
- 2 Collection
- 2 Command and Control
- 2 Exfiltration
- 4 Impact

Data Ingestion

65 TB/24H



★

H

94

Security

ID-9470 Project Sliver - APT Attack Detected

19 Issues

Overview

Case by MIT

0 Reconnaissance

ISSUES

19

High

Medium

Low

ISSUE SOURCES (11)

DETECTION METHODS (5)

DATA SOURCES (6)

SMARTSCORE™

94

THE SCORE WAS SET BY SMARTSCORE DUE TO THE FOLLOWING REASONS

A rare alert or a rare combination of alerts was detected

Multiple alert types were detected

Alerts from multiple sources were detected

One or more impactful medium severity alerts were detected

THE SCORE IS BASED ON THE FOLLOWING INSIGHTS

The alert combination prevalence of this incident on this tenant was low (last 7 days)

The prevalence of incidents associated with these alerts on this tenant was low (last 7 days)

Alerts with these command lines on this tenant were seen rarely (last 7 days)

A file was found rarely on this tenant in comparison to other Cortex customers (last 30 days)

A remote IP address was found rarely in comparison to other Cortex customers (last 30 days)

Score was set automatically by SmartScore

Executions

0 Privilege Escalation

2 Defense Evasion

4 Credential Access

1 Discovery

0 Lateral Movement

1 Collection

0 Command and Control

2 Exfiltration

0 Impact

ARTIFACTS (26)

OneDrive.exe (a02b...0720)

WF Benign | VT 0/72

msedge.exe (92fa...0bb9)

WF Benign | VT 0/74

rundll32.exe (d64d...8c9e)

WF Benign | VT 0/72

cmd.exe (8258...1bdf)

WF Benign | VT 0/71

deployer.exe (edfa...25ef)

WF Benign | VT 3/72

svchost.exe (dab2...d021)

WF Benign | VT 0/72

WMIC.exe (3640...8458)

WF Benign | VT 0/72

diagnostics.exe (82b2...aa4e)

WF Benign | VT Unknown

conhost.exe (b5d9...dbf0)

WF Benign | VT 0/72

OneDrive.exe (748a...0ff8)

WF Benign | VT 0/72

dc01.democloud.ai (172.21.25.65)

Whols | VT 0/95

ASSETS (9)

client-02

EG | Democloud wind... +1

dc01

EG | windows servers +3

client-01

EG | Democloud wind... +2

dc02

EG | windows servers +2

daas-01

okta\system

nt authority\network service

democloud\watson

democloud\sherlock

View MDR Thread

Include Case Insights

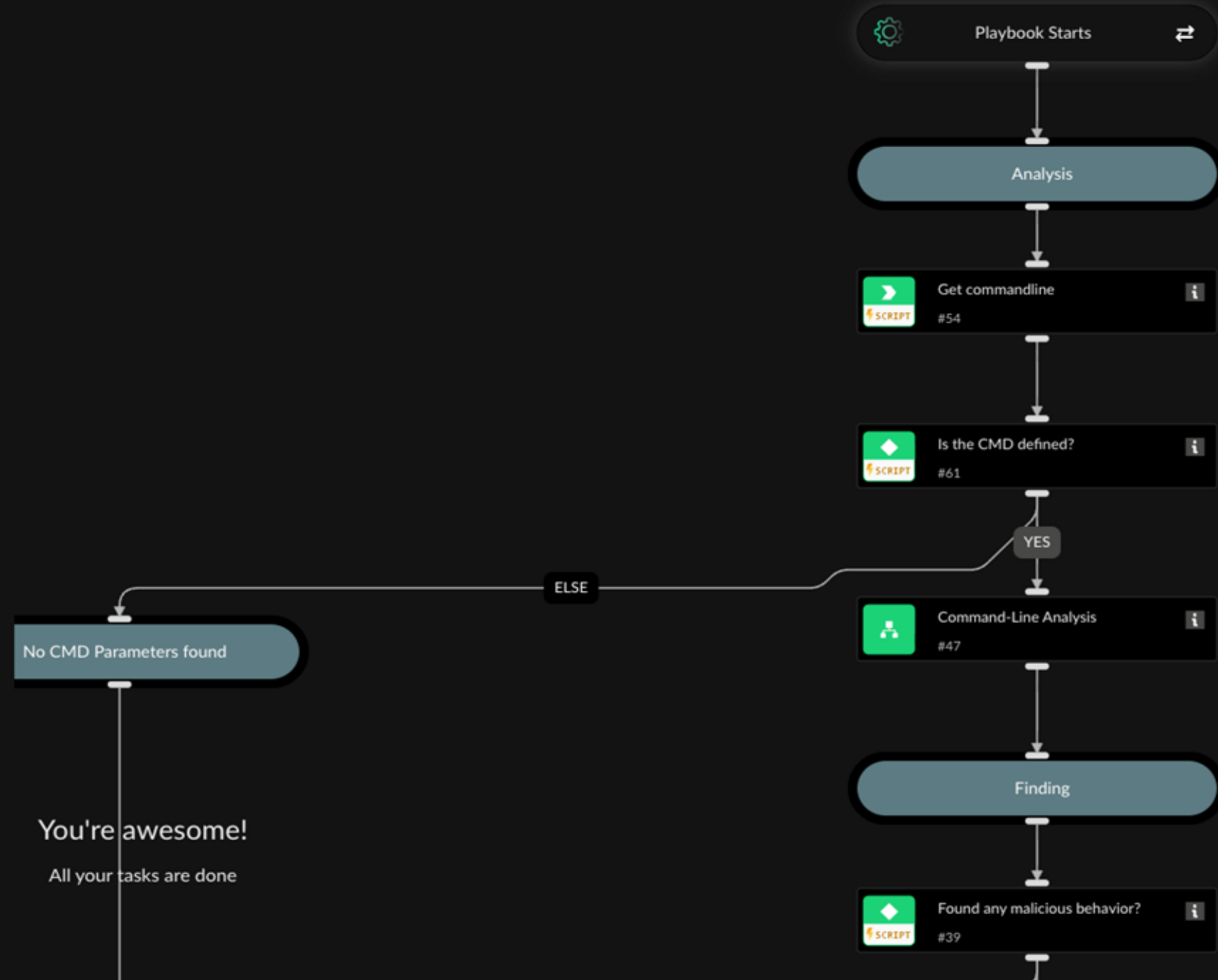
TN

Malicious Network Operation - 219029901

Overview War Room **Work Plan**

T1059 - Command and Scripting Interpreter

✓ Follow 🔁 🔍 ↔ 🔍 🖼️



You're awesome!

All your tasks are done