The Modern SOC Platform

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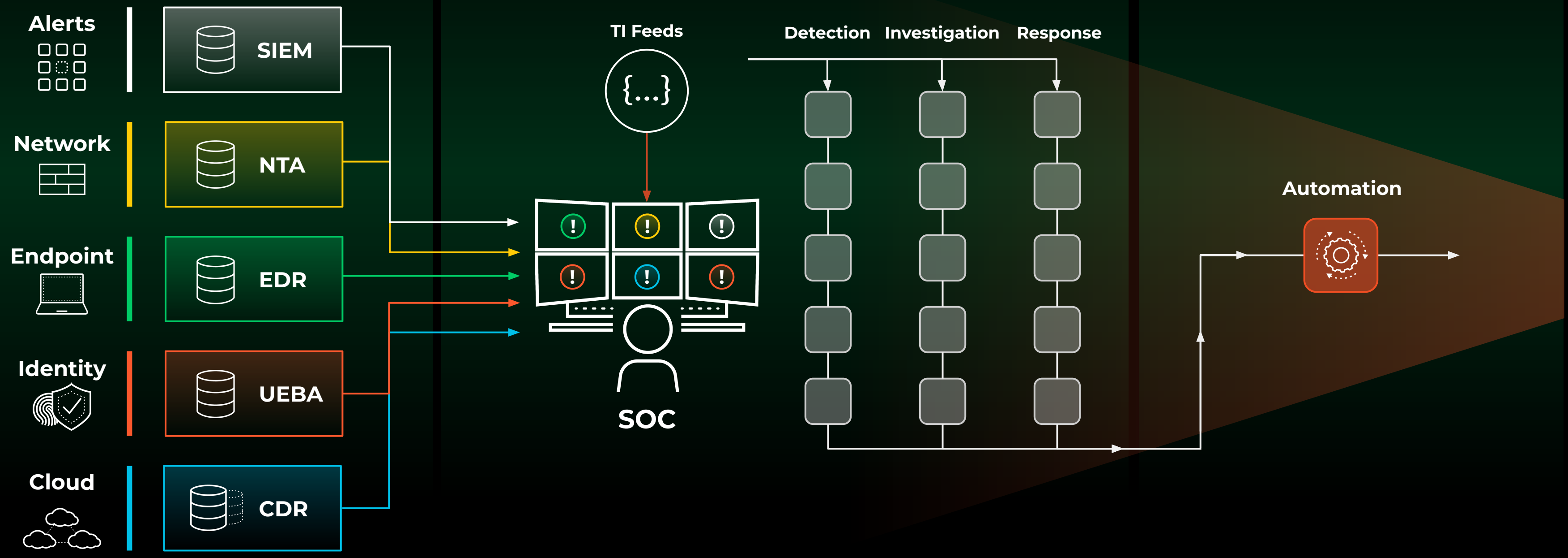
The Current State of the SOCs

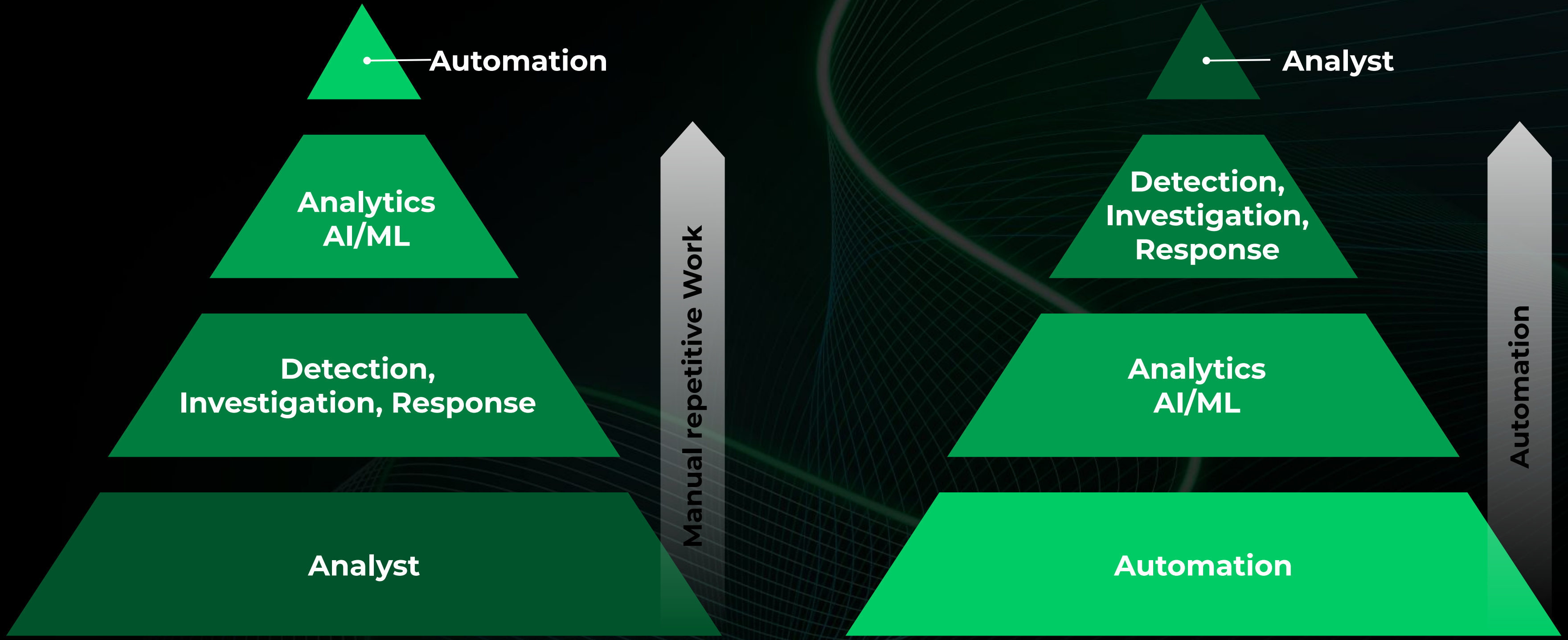
Too many data silos make it hard to detect attacks

Teams build and maintain detection content, use multiple tools to manually investigate & respond

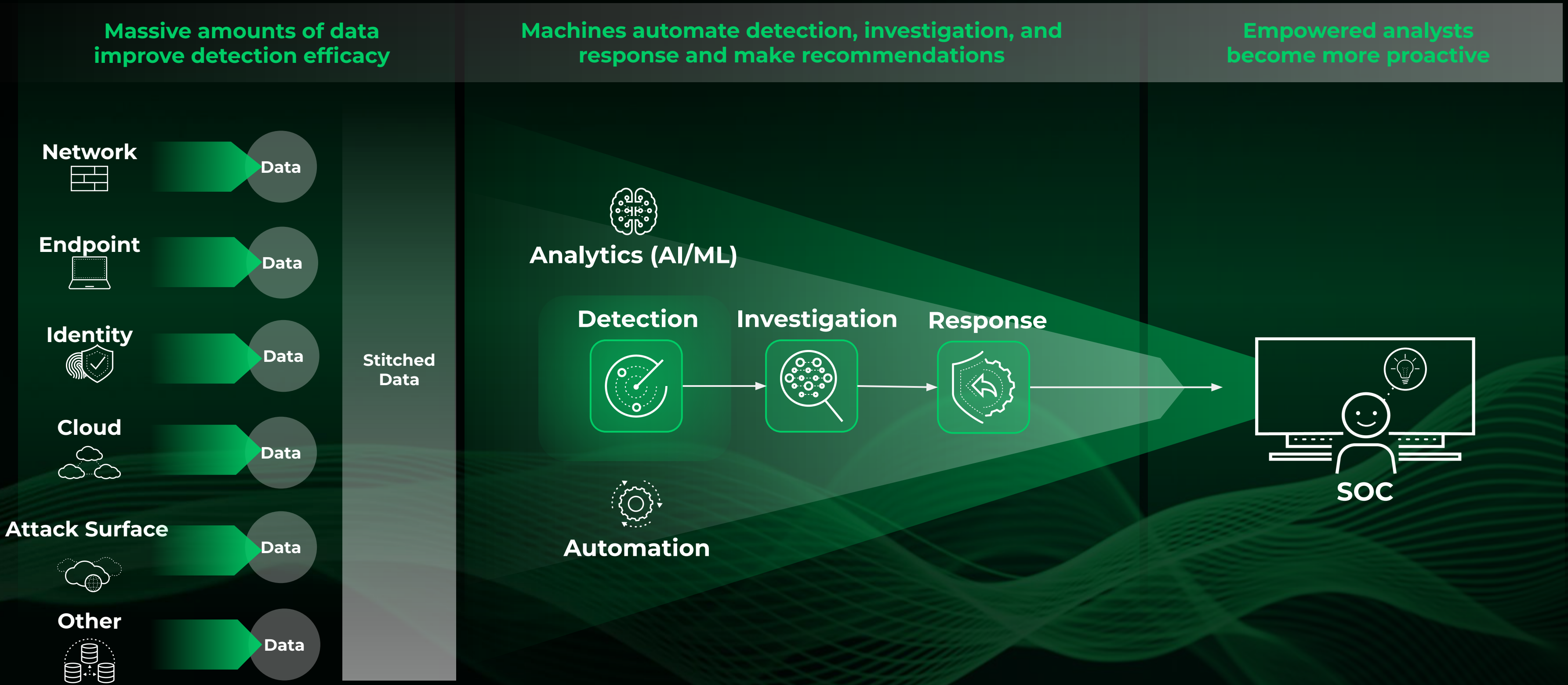
Automation is bolted on at the end to scale it



Palo Alto Networks is changing the Focus



We Must Transform the SOC to be Machine-led, Human Empowered



Massive amounts of data improve detection efficacy

Machines automate detection, investigation, and response and make recommendations

Empowered analysts become more proactive

Network – Data

Endpoint – Data

Identity – Data

Cloud – Data

Attack Surface – Data

Other – Data

Stitched Data

Analytics (AI/ML)

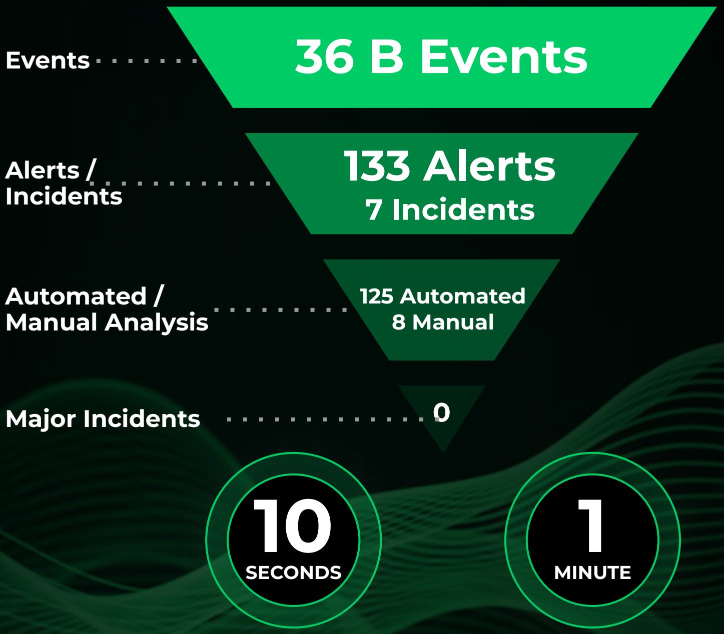
Detection → Investigation → Response → SOC

Automation

The Palo Alto Networks “Realtime” SOC Use Case

XSIAM
Orchestration & Automation
Endpoint Protection & Intelligence
Threat Intel Management
UEBA, Network, Cloud analytics
Threat Detection & Response
Attack Surface Management
Reporting & Compliance
Data Foundation & Detection Analytics

WHAT’S POSSIBLE WITH THE AUTOMATED SOC



Events · · · · · · 36 B Events

Alerts / Incidents · · · · · · · · · · 133 Alerts 7 Incidents

Automated / Manual Analysis · · · · · · · · 125 Automated 8 Manual

Major Incidents · · · · · · · · · · · · · 0

10 SECONDS

Mean Time to Detect

1 MINUTE

Mean Time to Respond (High priority)

Tack!