



# The Future of the Modern SOC to address the emerging Cyber Threats

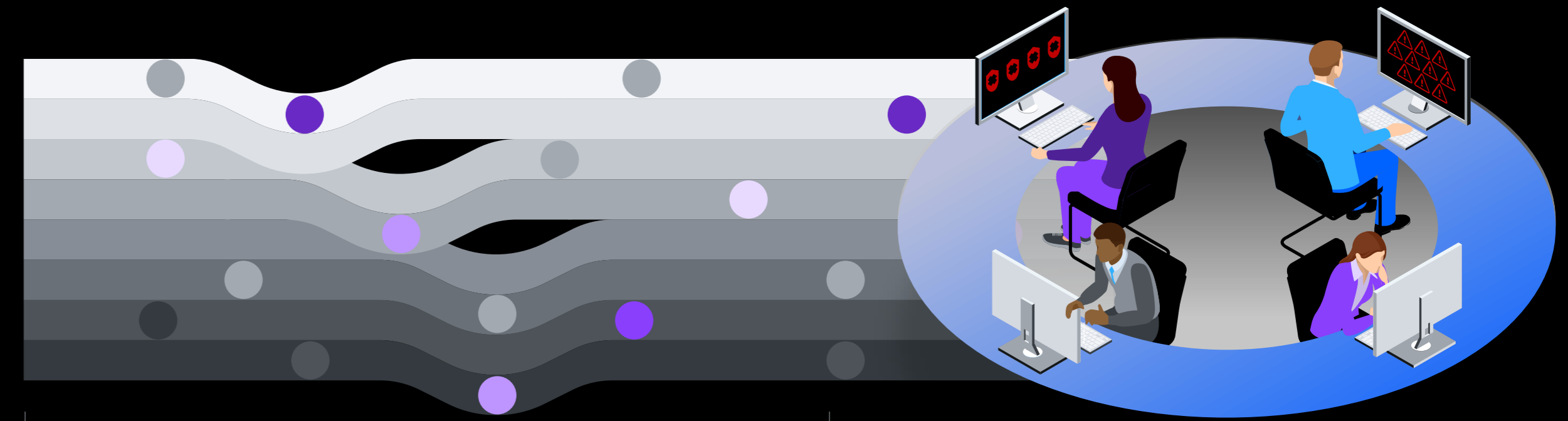
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# Security operations needs major improvement

The move to cloud and IT modernization has expanded the attack surface, creating increased security complexity



## Poor visibility

2 out of 3 organizations' external attack surface has expanded in the last year<sup>2</sup>

## Disconnected tools

80% of organizations use at least 10 disparate solutions to manage security hygiene<sup>2</sup>

## Keeping up with attackers

29% of security operations processes are immature and need reengineering before they can be automated<sup>1</sup>

## Information overload

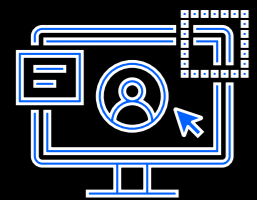
52% of security environments have become more difficult to manage over the last two years<sup>2</sup>

51% of organizations struggle to detect and respond to advanced threats<sup>1</sup>

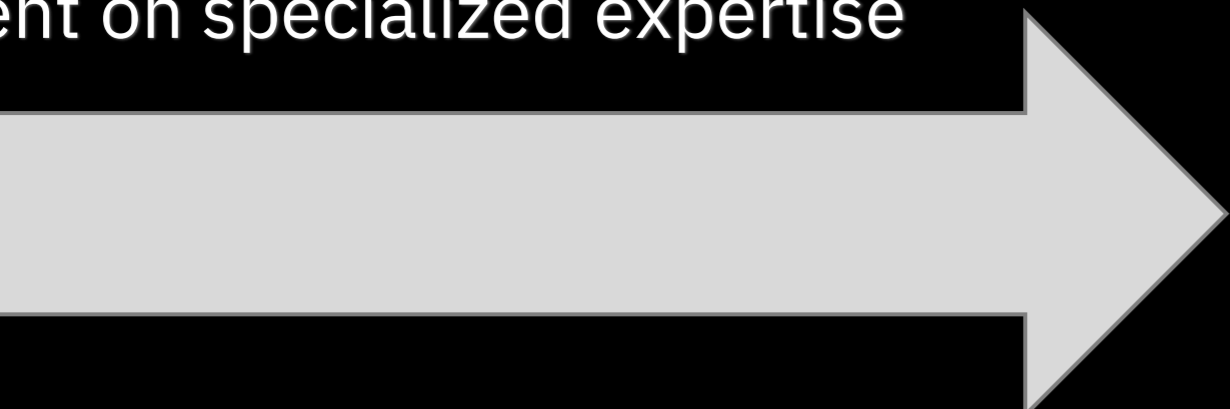
# Transformation is needed

## Current

Technology Focused



Dependent on specialized expertise



Proprietary Systems



## Future

Analyst Focused

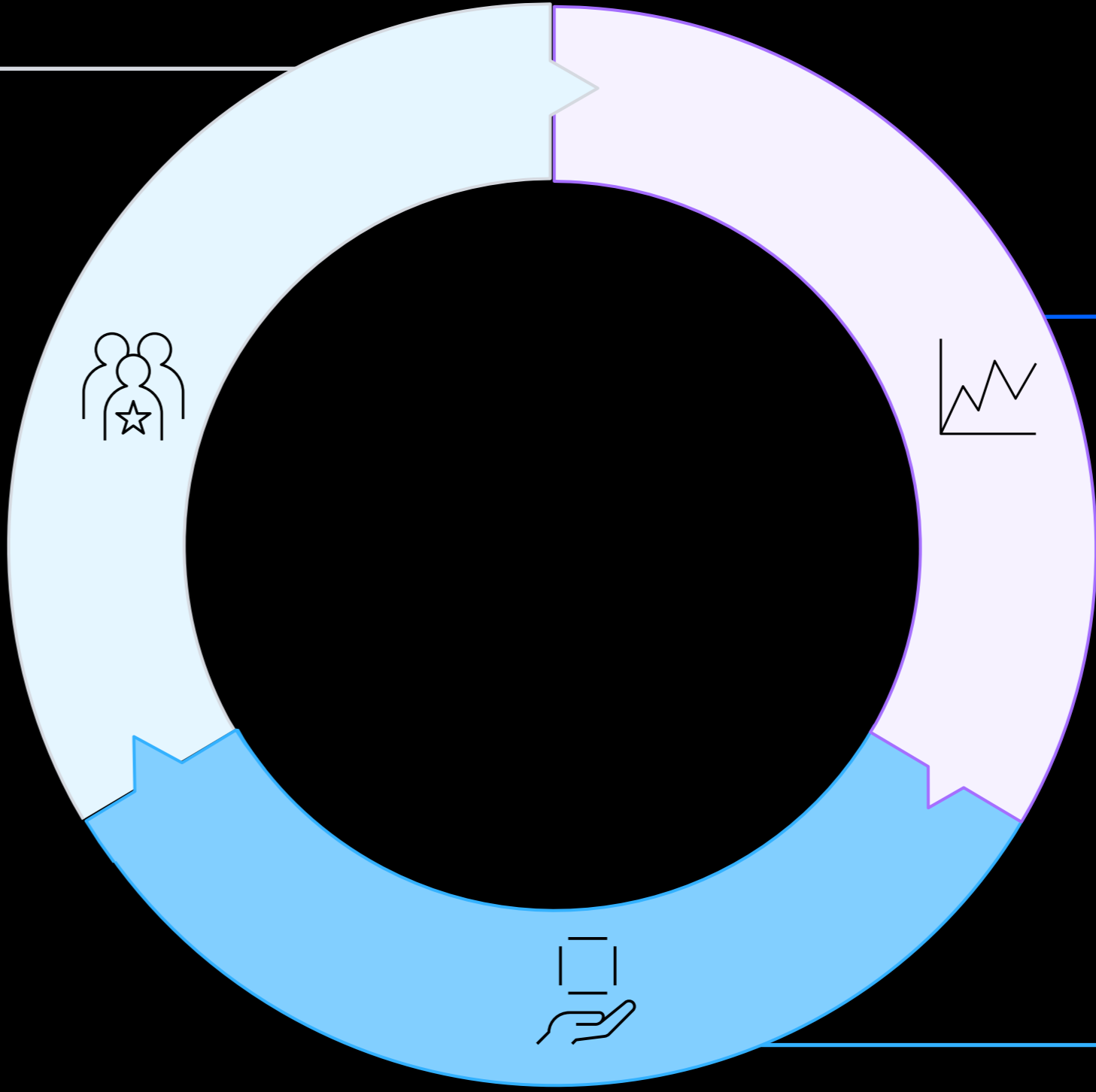
Connected workflows with common UX



Scale with enterprise automation and AI  
Leverage AI to manage repetitive manual security tasks

Accelerate with Open

Interoperability with multi-vendor tools and clouds.



Our differentiation

# Security that moves with your business

Greater Scale

## 1. Open Security Architecture

The world's largest cybersecurity ecosystem with 900+ out-of-the-box integrations and extensions<sup>1</sup>, and a hybrid architecture built on Red Hat OpenShift

Greater Speed

## 2. Cybersecurity AI & Automation

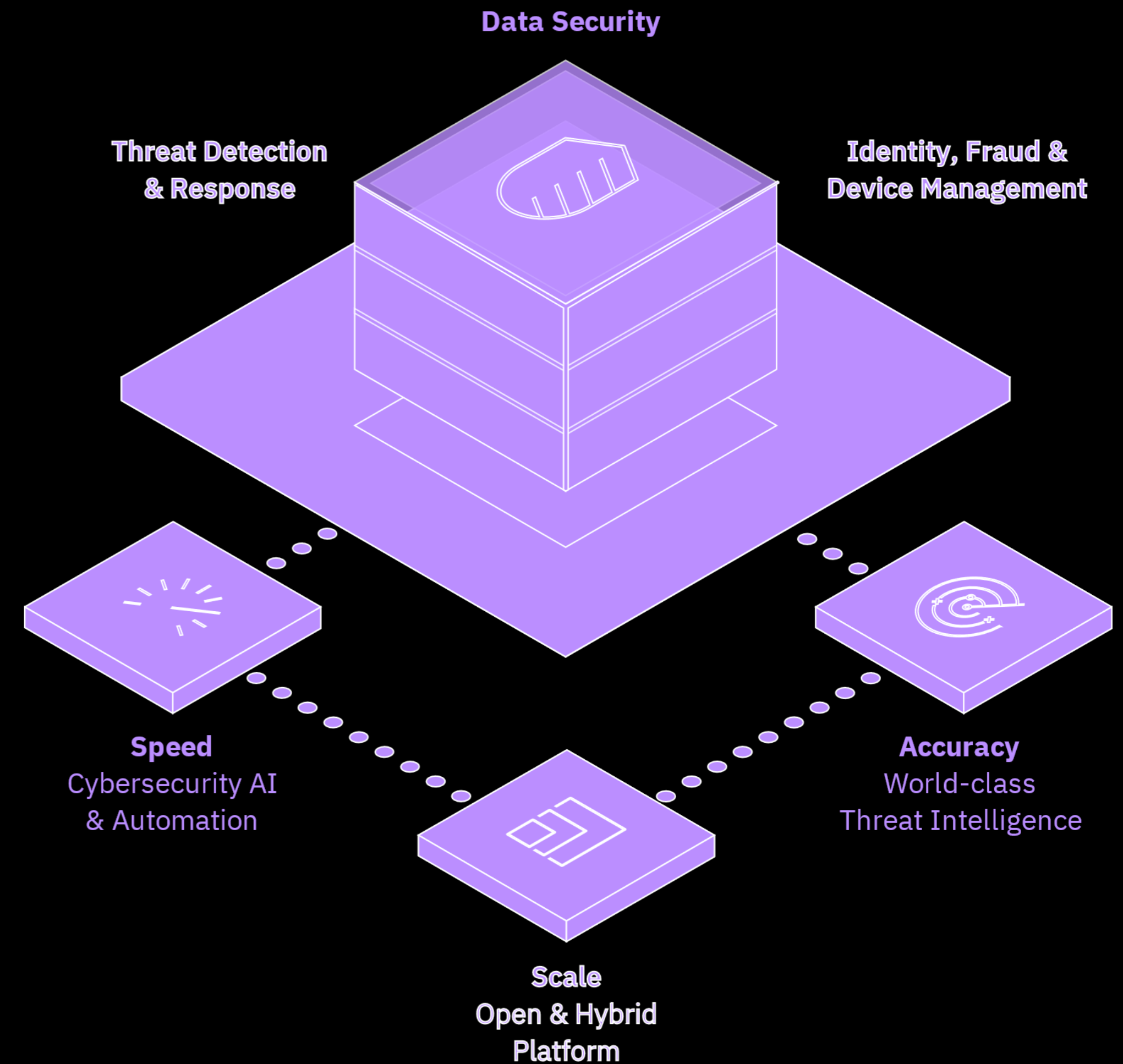
AI-powered actions, automations, and a common user experience that have been shown to speed investigations and triage by 55% in the first year<sup>2</sup>

Greater Accuracy

## 3. World-class Threat Intelligence

Unique insights on emerging threats and business risk using Randori's attacker's perspective and X-Force insights from monitoring 150B+ events/day

## IBM Security



# Envisioning the future with Generative AI

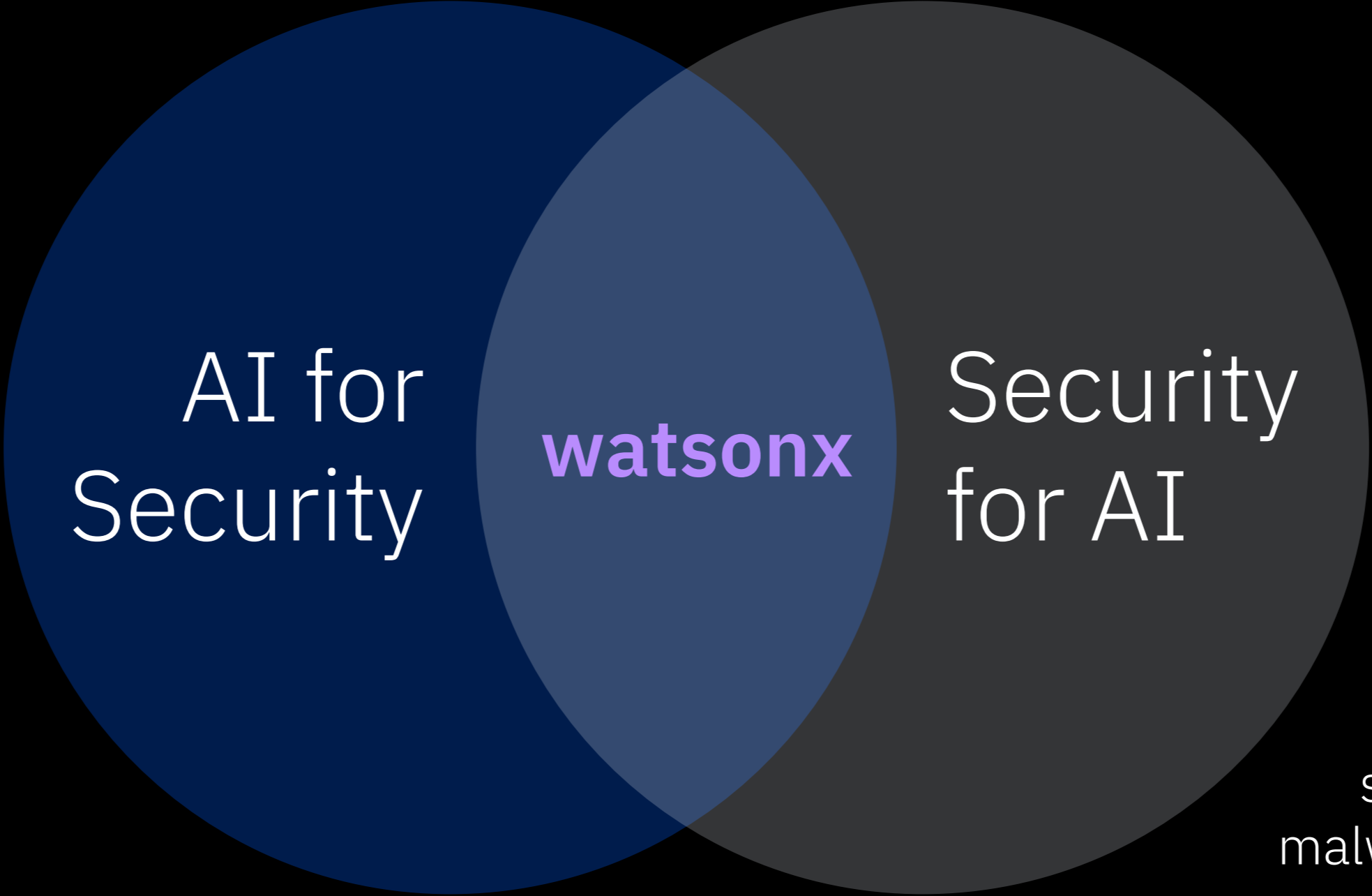
## IBM's cybersecurity and AI strategy

**Productivity gains from foundation models and generative AI will reduce human bottlenecks in security**

**AI will manage repetitive security tasks** such as summarizing alerts and log analysis, freeing teams to tackle strategic problems

**AI will generate security content** (detections, workflows, policies) faster than humans, expediting implementation and adjusting to changing security threats in real-time

**AI will learn and create active responses** that optimize over time, with abilities to find all similar incidents, update all affected systems, and patch all vulnerable code



**Protecting foundation models, generative AI, and their data sets is essential for enterprise-ready AI**

**Secure the underlying AI training data** by protecting it from sensitive data theft, manipulation, and compliance violations

**Secure the usage of AI models** by detecting data or prompt leakage, and alerting on evasion, poisoning, extraction, or inference attacks (IBM Adversarial Robustness Toolkit)

**Secure against new AI generated attacks** such as personalized phishing, AI-generated malware, and fake identities by using behavioral defenses and multi-factor authentication

# Designed around the analyst experience

Enable better decisions quickly using a common set of Unified Analyst Experience (UAX) capabilities

## Traditional Experience

- 8+ security UI's
- 30+ hours of tool training
- 2+ days of response time
- Manual investigation

## Unified Analyst Experience

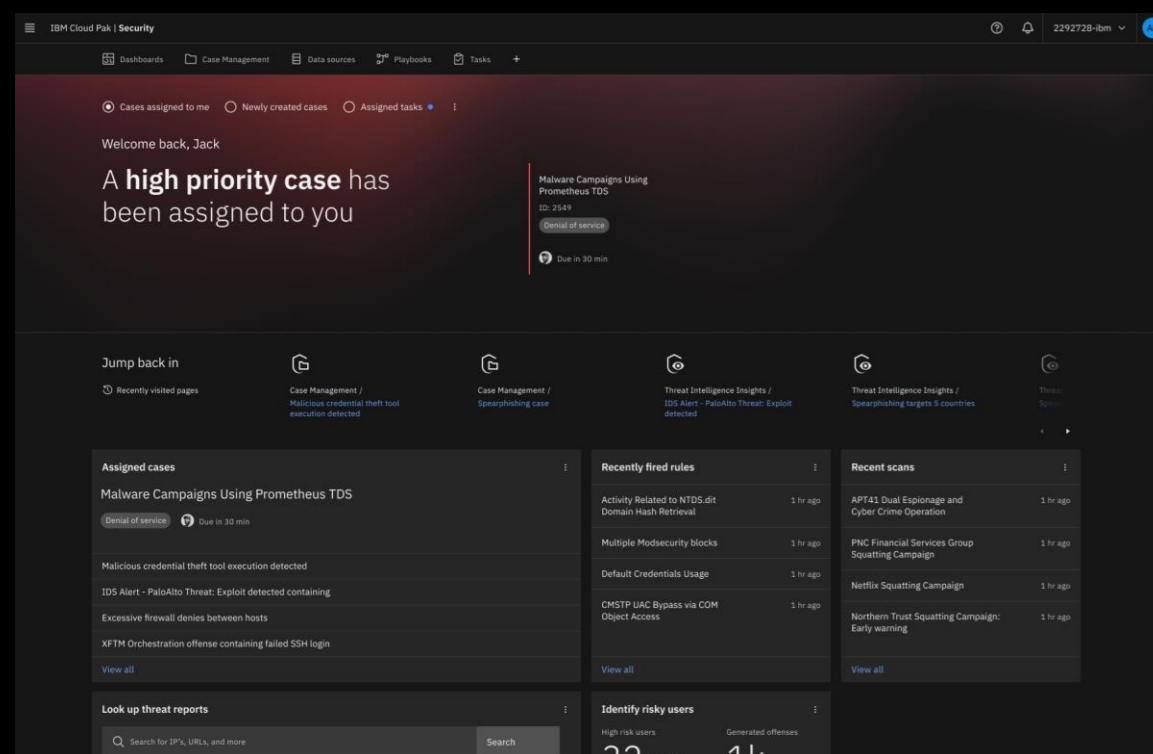
- 1 common UX
- Continuous learning
- < 30-minute response time<sup>1</sup>
- Automated investigation

- What?
- When?
- Where?
- Who?
- How?

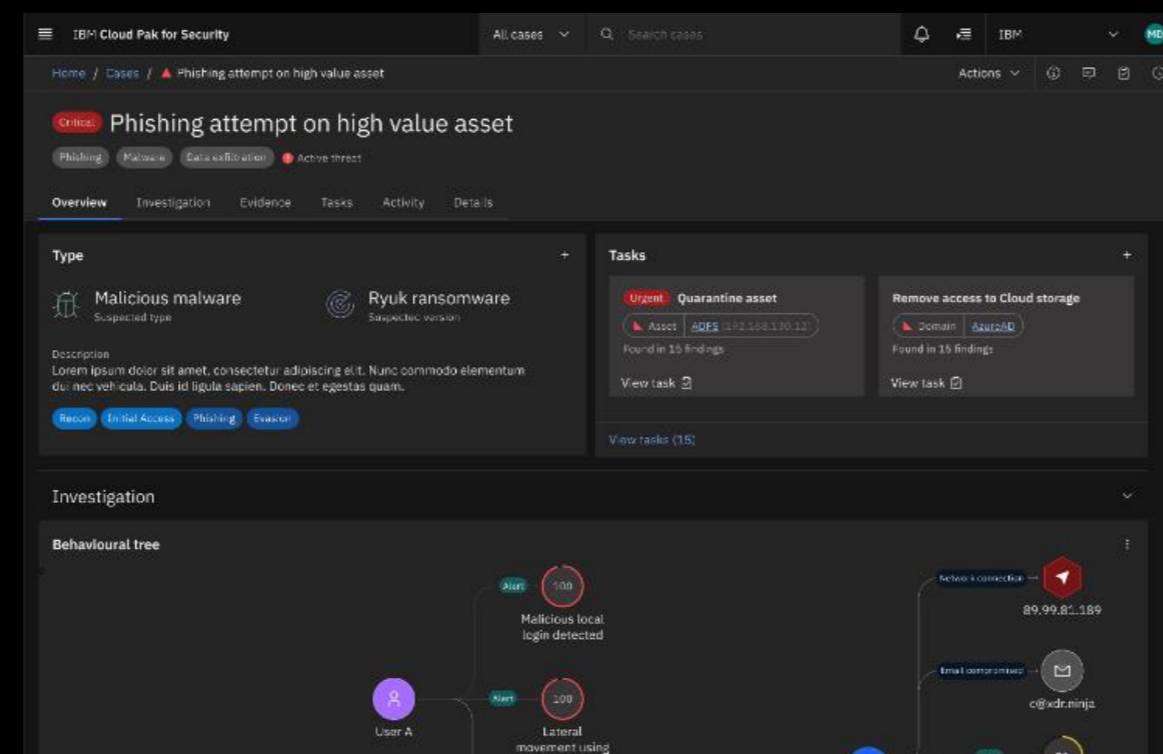
*Take action*

90%+ analyst time saved on investigating an incident<sup>2</sup>

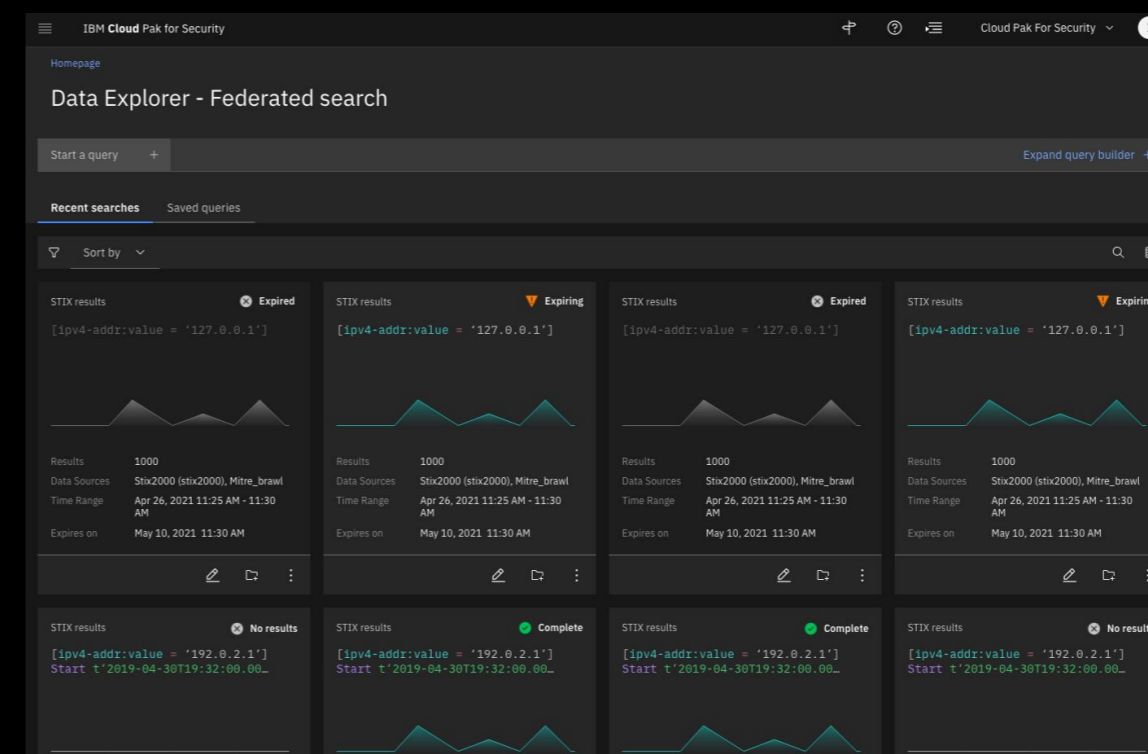
“I equate the UAX to five additional FTEs it was easier to get better data out of my tools with AI, than investing in more people. It made my people faster and better at their job.”



Enrich, correlate, and prioritize



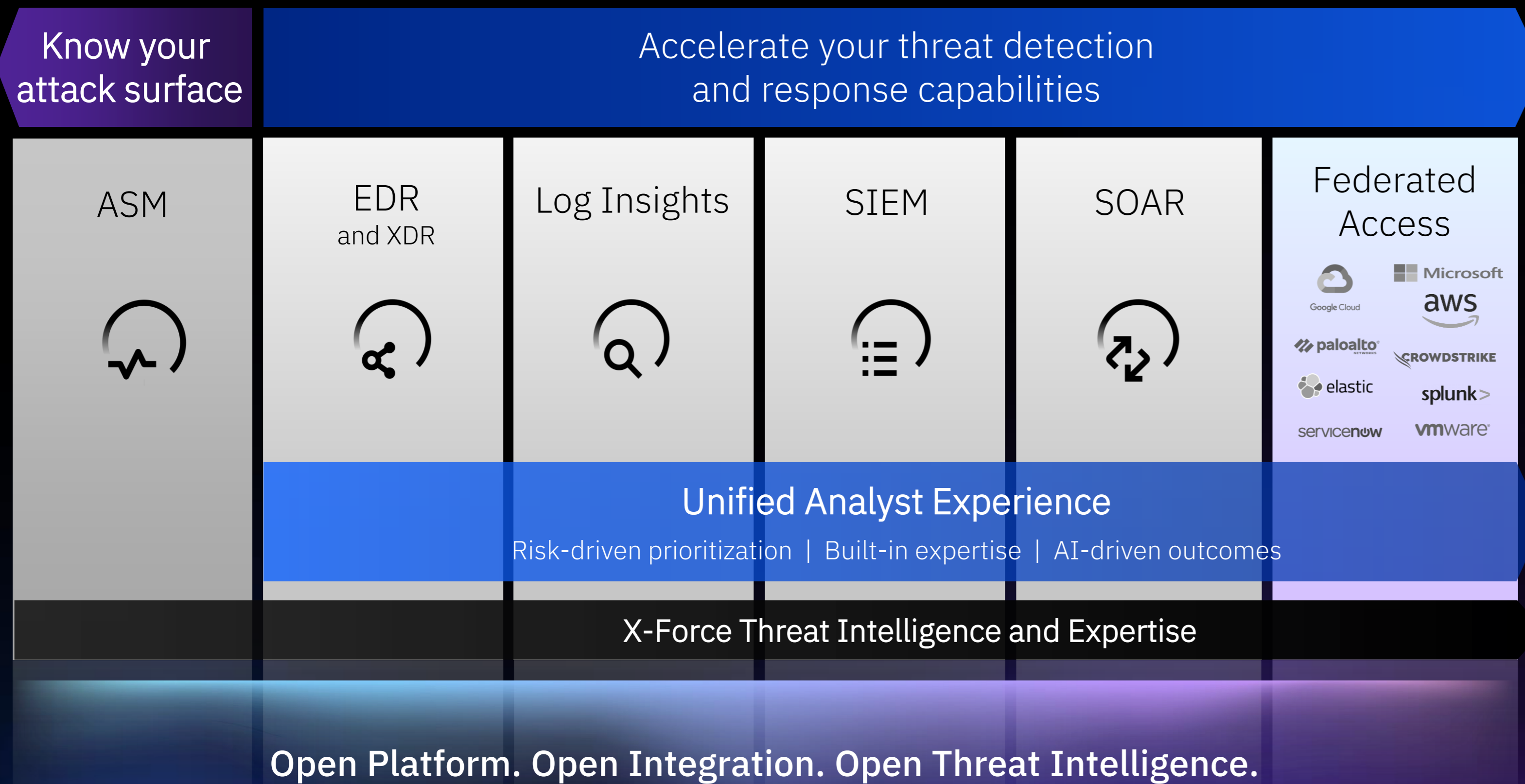
Automated investigation and response recommendations



Federated search and threat hunting

# Modernize security operations with greater speed and visibility

## The evolution of the IBM Security QRadar Suite



### Designed around the analyst experience

Enable better decisions quickly using a common, streamlined, Unified Analyst Experience (UAX)

### Gain accurate insights quickly

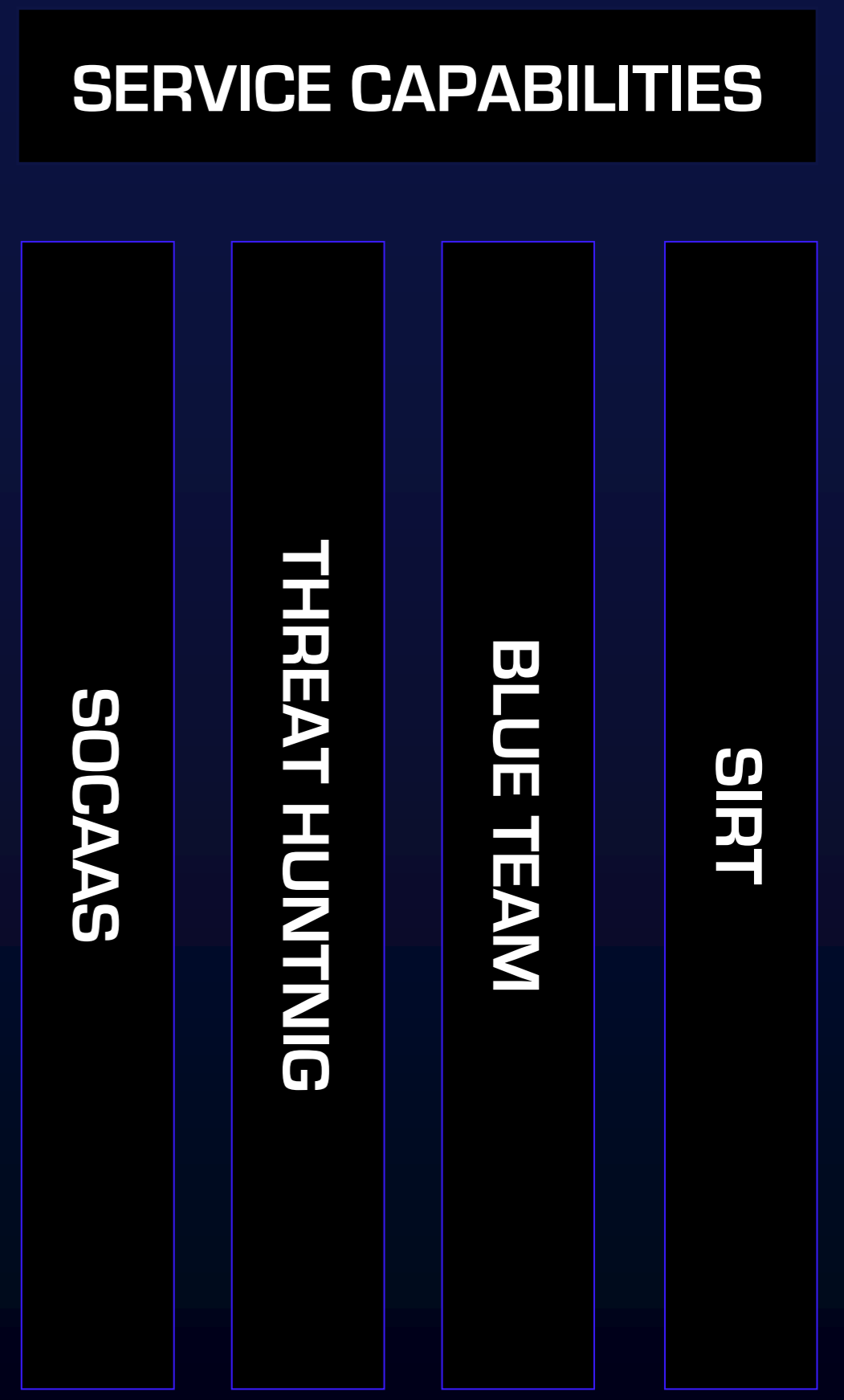
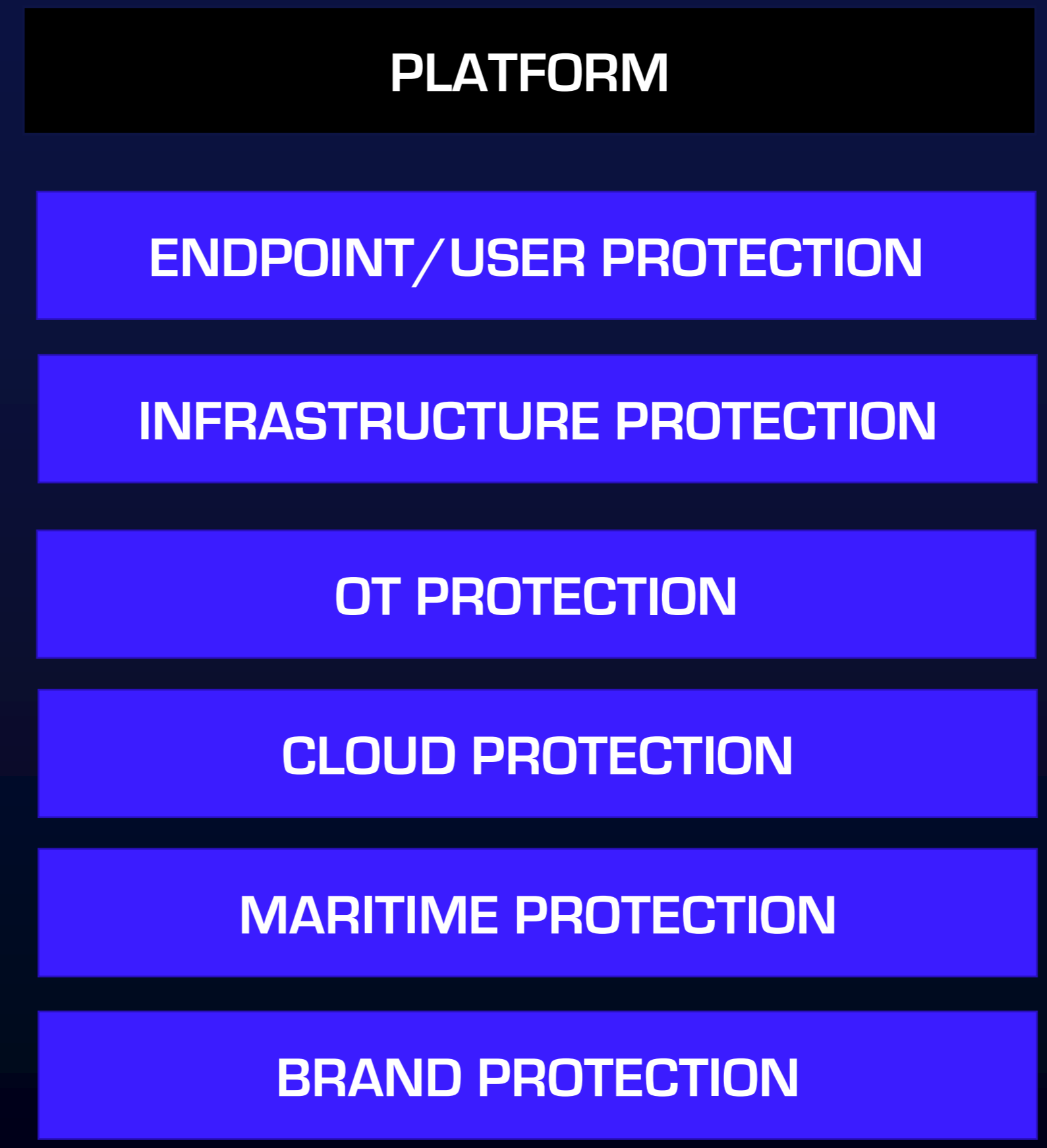
Streamline workflow with automation and AI designed for analysts, continuously updated threat X-Force threat detection and response expertise

### Work with what you already have and expand to where you want to go

Built to meet you where you are using an open modular platform, standards, and ecosystem, with bi-directional integrations including federated search

# MDR

MANAGED  
DETECTION AND  
RESPONSE





# SOCAAS

*Obrela's SOC-as-a-Service (SOCaaS) delivers real-time situational awareness and protection against cyber threats:*

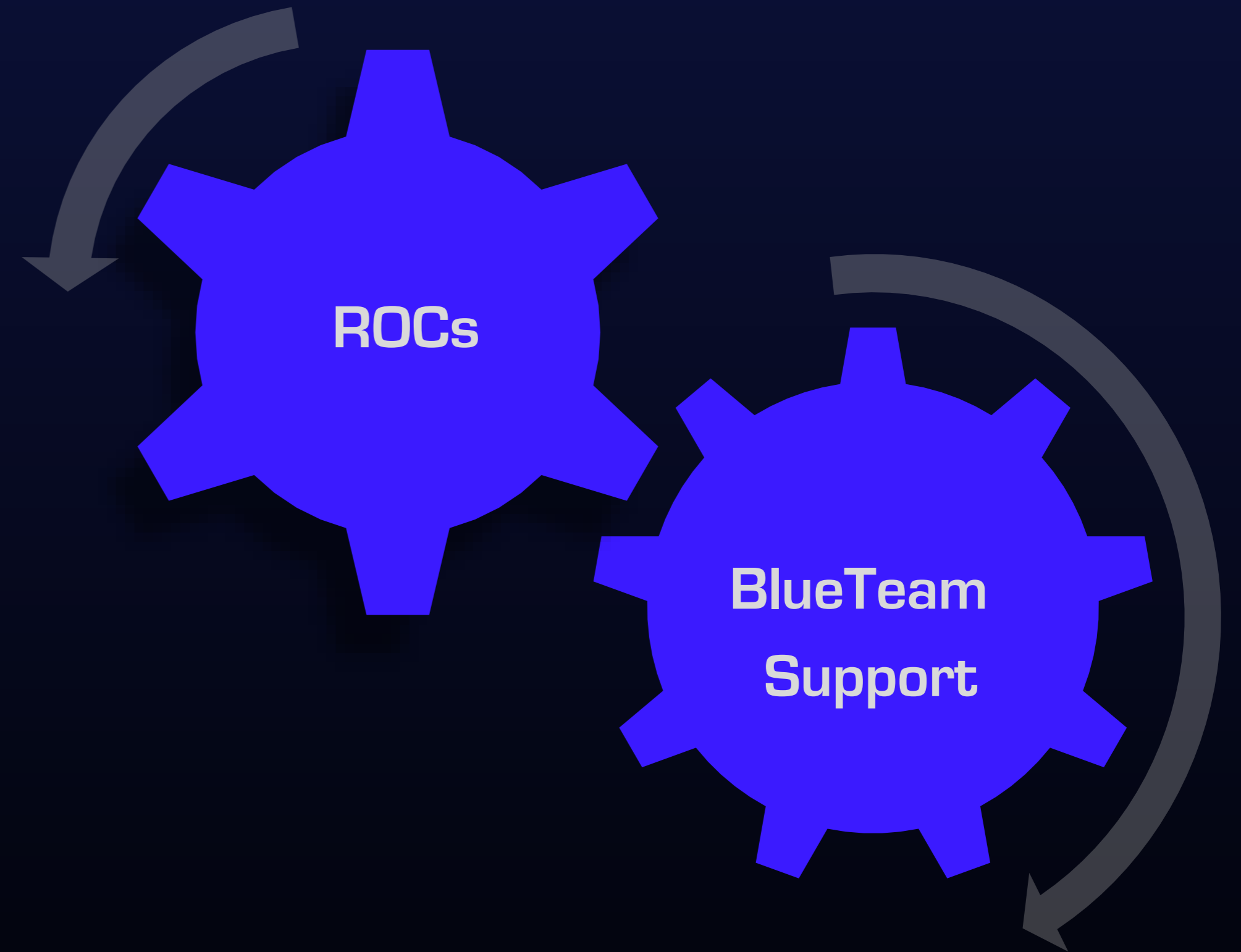
- *Highly experienced security and threat analysts*
- *24/7/365 monitoring*
- *Event management*
- *Reporting*



# BLUE TEAM SUPPORT

*Supports Global and Regional Resilience Operation Centers (ROCs) with the necessary assistance to ensure effective incident management, escalation, and mitigation:*

- *Security Operations Support*
- *Security Posture Assessment*
- *Vulnerability Scanning*
- *Vulnerability Management*
- *Advanced Content Development*
- *Training*



# THREAT HUNTING

*Combines knowledge, intuition and automation for proactive search of any compromise leveraging advanced analytics and threat intelligence to investigate.*

*OBRELA's Threat Hunting team actively performs Threat Hunts to identify threat actors and gaps in the organization.*

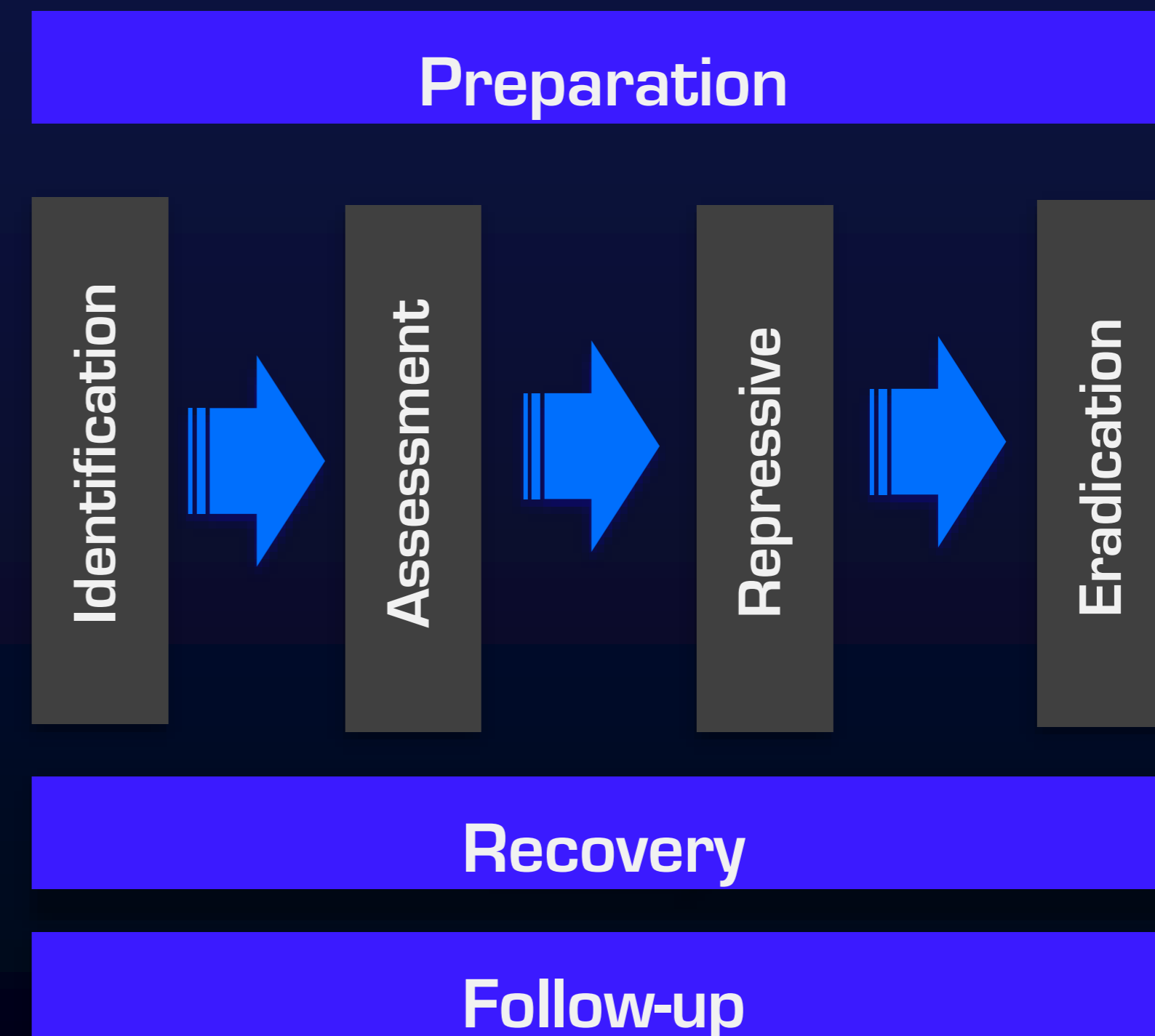
*OBRELA's Threat Hunting framework focuses on proactive hypothesis-driven threat profiling and covers:*

- **Systematic Based.** *Following a hypothetical approach, threat hunting cycles to systemically uncover and identify malicious activity or emerging IOCs that are in progress.*
- **Mission Based.** *Following a reactive approach, threat hunting is actively engaged to “lock” attack behavior and malicious activity that has been reported from threat intelligence or the security operations.*

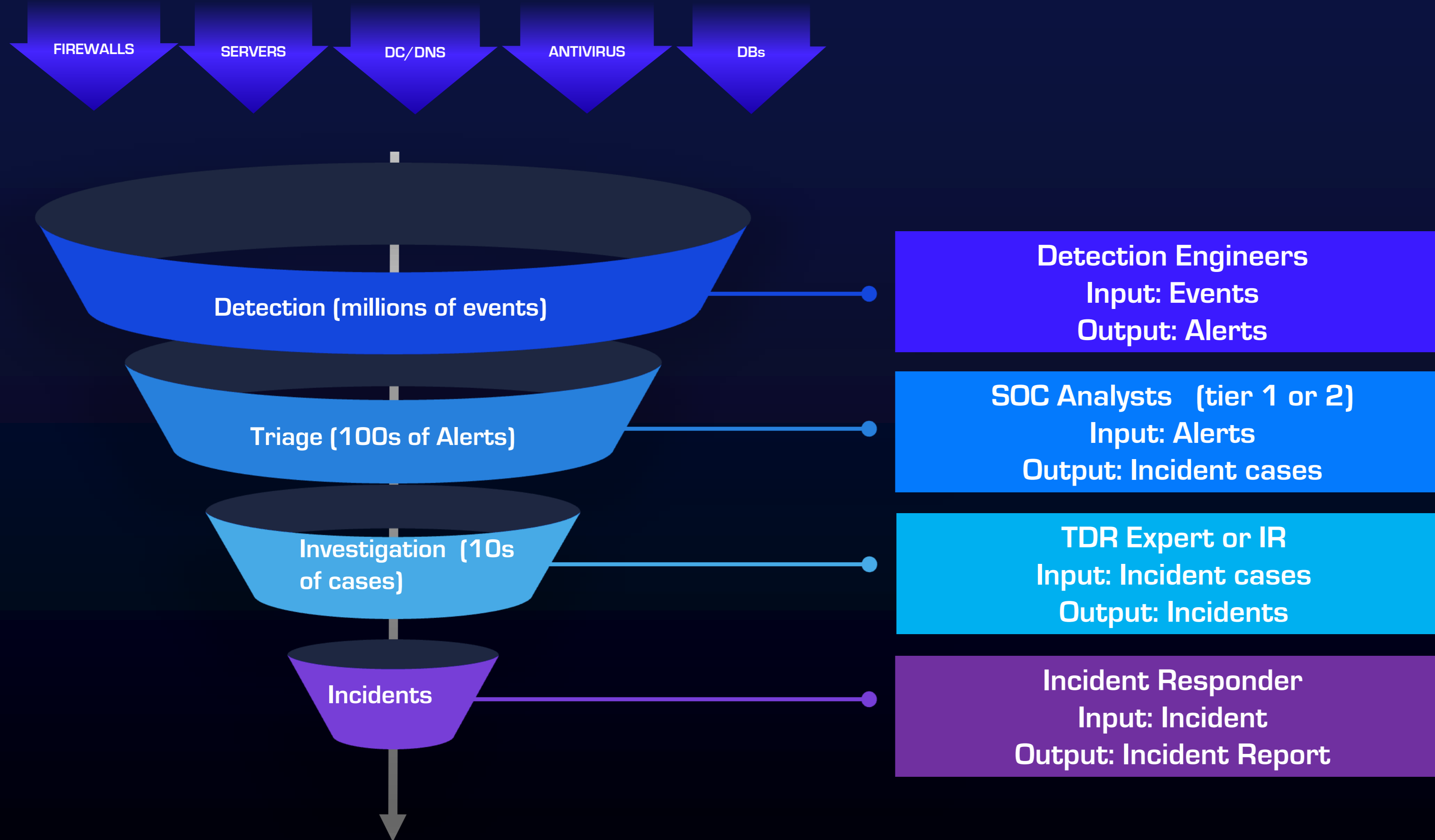
# SIRT - INCIDENT RESPONSE

*The security incident response team (SIRT) enables the client to perform mitigation/containment of security incidents:*

- *Remote Security Incident Support until Closure*
- *Handling Remote Investigation Services Requests*
- *Remote Endpoint Investigation and Malware Analysis*
- *Active Responses/ Playbooks*
- *Domain Takedown*

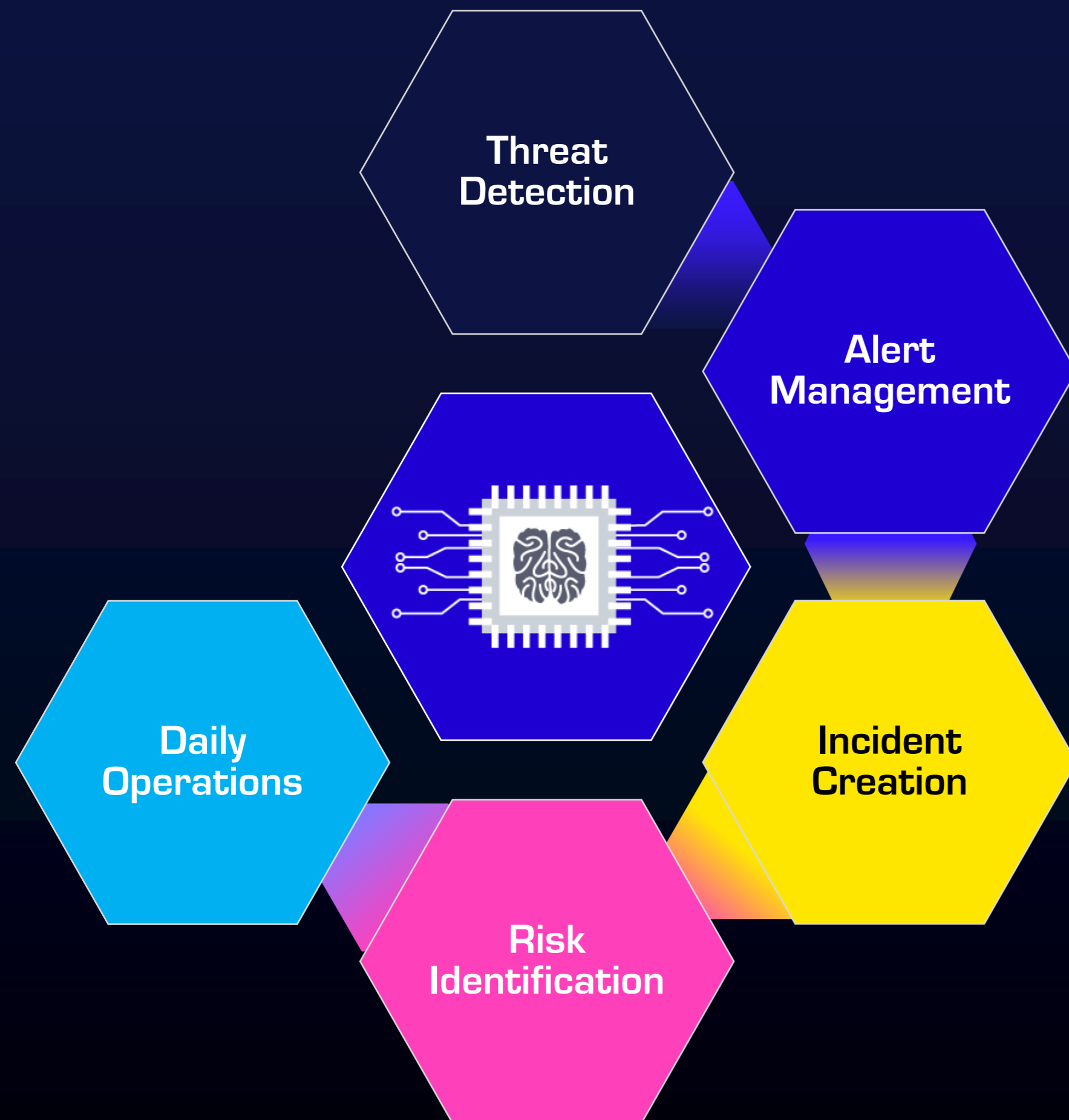


# REAL-TIME THREAT MANAGEMENT



12 March 2024

# AI, LLM & ML CAPABILITIES



- To **detect threats** that are otherwise undetectable by heuristic approaches
  - By EDRs, UEBA, NDRs, OT, IBM WatsonX
- To **reduce alert noise** and **prioritize alerts** on Security Operations Centers
- To **speed up investigations** and incident creation
- To engage with capabilities offered by Swordfish MRC **Risk Analytics**
  - Identify materialized business risks
  - What-if scenarios
  - Prioritize threats based on the business impact
- To **assist employees** securely work using modern toolkits

# THE USE OF QRADAR IN THREAT MANAGEMENT

- *Incident Detection and Prioritization*
  - *Our SOC teams focus their efforts on the most critical threats (SLA compliance).*
- *Incident Investigation*
  - *Reduces the time to search through historical data, reconstruct events, and identify the root cause of security breaches*
- *Threat Hunting*
  - *Employs advanced analytics techniques (ML/AI), allows creation of targeted rules and queries in short time.*
- *Use Case Management*
  - *Utilizes content for OBRELA's owned use case library and provides tools for fine tuning. Additionally, it maps the Use Cases to the MITRE Framework*
- *Integration with OBRELA's MDR Technology Stack*
  - *Empower Alert, Incident Management, and SOAR-to-SOAR integration capabilities*

# WHY OBRELA

*Obrela combines business-focused risk management with threat detection to deliver real-time cyber defense that's **ready for everything that comes next.***

## **RISK OVER THREATS**

*We help identify risks posed by threats, then translate risks into business terms, so customers better understand what's at stake. The biggest threat is not knowing the risk!*

## **PREDICTABILITY OVER UNCERTAINTY**

*With a centralized view that spans your business and its risks, we prioritize the most important issues in real-time, so you make focused decisions and work with predictability in the face of uncertainty.*

## **VISIBILITY OVER YOUR DIGITAL UNIVERSE**

*We deliver risk aware operational security consolidating all security data and turning them into actionable intelligence, meaning threats can't hide just because your business grows.*



**OUR MISSION**

**WE KEEP  
YOUR BUSINESS  
IN BUSINESS**

*12 March 2024*



**OBRELA**

*THANK YOU*

*London | Athens | Dubai | Frankfurt | Riyadh*

*[www.obrela.com](http://www.obrela.com)*