

SOLUTION BRIEF

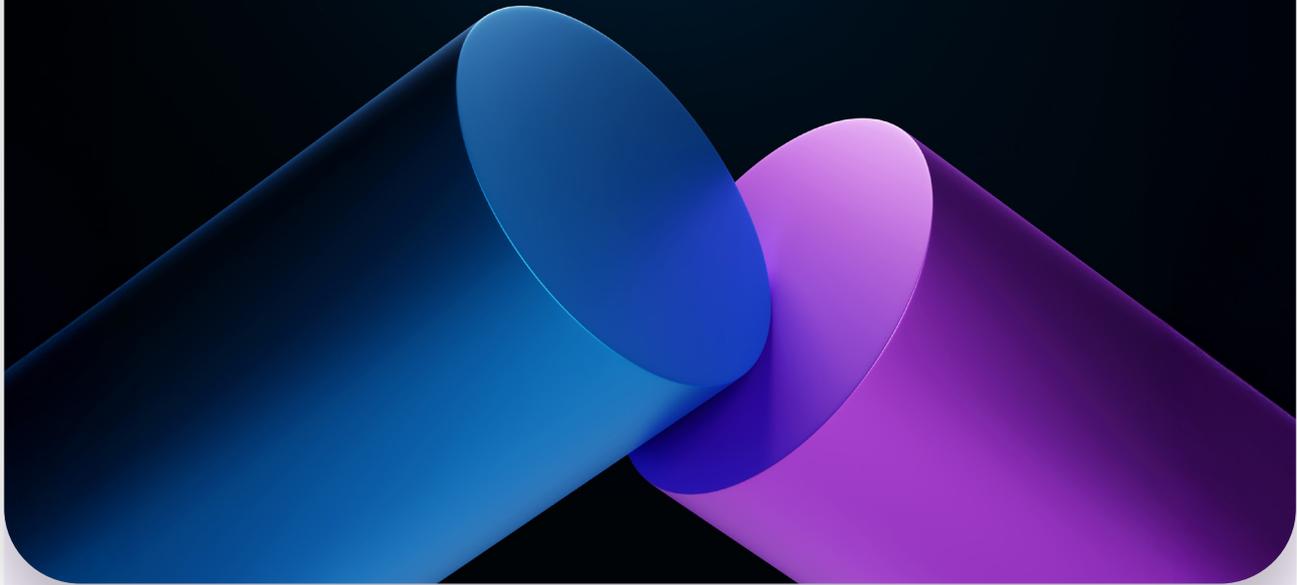
# CogniX MDR

AI-Driven Managed Detection and Response  
Solution for Modern Enterprises

MANAGED DETECTION AND RESPONSE



A next-generation MDR solution unifying AI automation, adaptive learning, and real-time intelligence for always-on, scalable cyber defense.



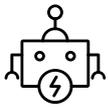
## What Is CogniX MDR?

**CogniX MDR** is an advanced Managed Detection and Response (MDR) solution developed by NuSummit Cybersecurity through strategic partnerships with leading cybersecurity product vendors. It enables enterprises to modernize and streamline their security operations through AI-powered automation, continuous monitoring, and rapid incident response.

At its core, **CogniX MDR** unites AI, threat intelligence, and human-led expertise to detect, contain, and mitigate threats faster and more effectively, reducing operational overhead while strengthening organizational security posture.

# Core Capabilities

Each capability of **CogniX MDR** is designed to accelerate detection, enhance visibility, and improve response efficiency across hybrid and cloud environments.



## AI-Powered Automation

- Automates detection, triage, and containment workflows.
- Handles up to 80% of repetitive tasks, reducing manual effort and analyst fatigue.
- Continuously improves speed and accuracy through adaptive learning models.



## Adaptive Learning and Playbook Evolution

- AI agents refine and optimize response strategies based on past incidents.
- Learns from analyst feedback to improve success rates and detection precision.
- Keeps security operations agile against emerging threats.



## Real-Time Threat Intelligence and Investigation

- Ingests global threat data and behavioral indicators.
- Correlates signals across endpoints, networks, and cloud workloads.
- Delivers contextual insights for faster, more accurate decision-making.



## Analyst Augmentation and Decision Support

- Enhances human analysis with AI-generated recommendations and insights.
  - Automates reporting, root-cause summaries, and action validation.
  - Improves consistency, productivity, and investigation quality.
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## 24/7 Global Coverage

- Continuous monitoring and response delivered by skilled analysts.
  - Ensures uninterrupted protection across all regions and time zones.
  - Scales seamlessly with enterprise growth and hybrid infrastructures.
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## Vendor-Agnostic Integration

- Works with existing SIEM, EDR, and SOAR tools.
  - Aggregates telemetry from multiple systems for unified visibility.
  - Extends protection across diverse security ecosystems.
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## Dashboards and Compliance Reporting

- Real-time dashboards and customizable executive views.
- Continuous metrics for threat detection, performance, and compliance.
- Streamlines audit preparation and governance reporting.

# Why Choose CogniX MDR?

**CogniX MDR** redefines managed detection and response by blending NuSummit Cybersecurity's human expertise with Agentic AI precision to deliver faster response, greater efficiency, and continuous improvement.

# CogniX **MDR**



## Adaptive and Evolving Defense

Learns continuously from incidents to refine detection models and playbooks.



## Human Expertise, AI Precision

Combines NuSummit Cybersecurity's seasoned analysts with AI-driven SOC agents, enabling faster, more accurate triage and decision-making.



## Comprehensive Visibility and Control

Unifies alerts, telemetry, and response data into one intuitive platform, providing executives and SOC teams with real-time situational awareness.



## Scalable, Non-Disruptive Deployment

Integrates with your existing security stack with no major infrastructure changes required, scaling effortlessly across global and multi-cloud environments.



## Proven Operational Efficiency

Optimizes analyst time by streamlining investigation and escalation workflows, allowing faster, more coordinated incident response through intelligent orchestration.

# Business Benefits

Organizations using **CogniX MDR** achieve measurable improvements in detection accuracy, response speed, and operational efficiency. The result is a more confident, adaptive, and cost-effective security posture.



01

**Reduced response time** through enhanced mean time to detect (MTTD) and mean time to respond (MTTR).



**Improved analyst productivity** through Agentic AI-driven assistance and automation.

02



**Continuous, adaptive protection** that evolves with emerging threats.

03



**Enhanced compliance readiness** with audit-ready reporting and dashboards.

04



**Seamless scalability** across enterprise, cloud, and hybrid environments.

05



**Optimized resource utilization** with lower operational overhead and higher return on investment.

06

**CogniX MDR** transforms traditional SOC operations into an adaptive, intelligence-driven defense model. By Simbian expertise in AI automation, real-time threat intelligence, and human expertise, organizations can stay ahead of evolving threats with agility and confidence. Partner with NuSummit Cybersecurity to modernize your detection and response operations and secure what matters most.



# About NuSummit Cybersecurity

**NuSummit Cybersecurity** helps build and transform cybersecurity postures to enable businesses to mitigate risks. We are a pure-play cybersecurity services company with deep expertise in Identity and Access Management, Risk Advisory, Security Verification, Managed Detection and Response, and Security Engineering services.

Our unique products and services help businesses build and transform security postures while mitigating risks. Our focus is to strengthen security resilience by minimizing the occurrence of attacks, threats, and risks so that you can drive change, innovate, and accelerate growth.

For more information, visit us at [cybersecurity.nusummit.com](https://cybersecurity.nusummit.com) or write to us at [cybersales@nusummit.com](mailto:cybersales@nusummit.com)

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