ARIA CloudADR

A Virtual AI-SOC Run from the Cloud

The ARIA CloudADR solution is a fully AI-automated, cloud-based virtual SOC that provides an attractive entry point for companies that need to protect both on-premises and public cloud infrastructure for pennies on the dollar compared to running a physical SOC.

The ARIA CloudADR includes most of the same capabilities found in the ARIA ADR solution, including the equivalent functionality of seven different security tools, all of which are replaced by more advanced ML-based threat detection models driven by AI. As a result, ARIA CloudADR only surfaces confirmed threats and/or cyber-attacks and stops them in minutes as they become active—all without human involvement.

With ARIA CloudADR, organizations will dramatically enhance their overall security posture. Unlike other security tools, it can be operated anywhere by part-time IT staff with no security training. It can be the cornerstone for the enforcement and monitoring of all security controls, policies, and procedures. Further, it can monitor and drive adherence to regulatory compliance.

If desired, ARIA CloudADR can be upgraded to a full ARIA ADR solution with a network-attached platform capable of detecting and stopping all types of network-borne threats and attacks involving the premises. See the Comparison Matrix to find the right solution for your needs.

Either ARIA ADR offering can be customized to meet any environment's needs to protect the cloud, applications, on-premises infrastructure, and vulnerabilities caused by the remote workforce. Deploying in just minutes, the ARIA CloudADR safeguards the organization from intrusions and cyberattacks right out of the box.

Attack Types Detected

- Intrusions
- Brute Force Attacks
- Malware
- Ransomware
- DDoS Attacks
- Compromised Credentials
- Insider Threats
- Data Exfiltrations
- Policy Violations

Ingest Inputs from Across the Enterprise

MOBILE USER
Tunnel SSL/TLS

REMOTE USER
VPN Tunnel (Logs, Flows, Identities)
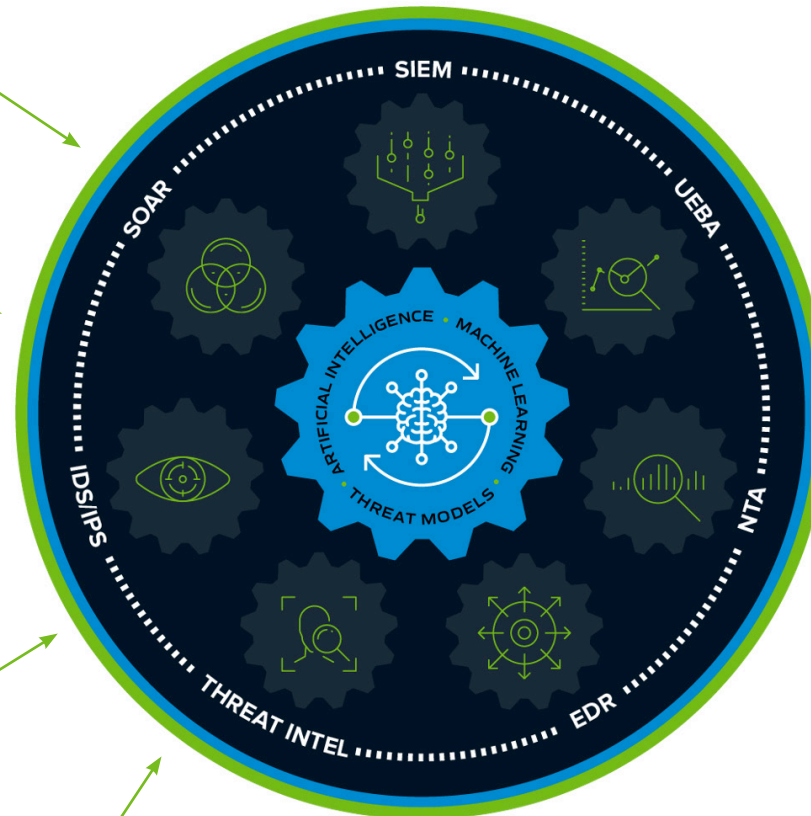
PARTNER ACCESS
IPsec (Logs, Flows, Identities)

ON PREM / DATA CENTER
Logs, Flows, Identities

Google Cloud
amazon web services
Azure

Logs, Flows, Identities

AI-Driven with the Power of Seven Tools

SIEM

UEBA

SOAR

NTA

IDS/IPS

ARTIFICIAL INTELLIGENCE • MACHINE LEARNING
THREAT MODELS

THREAT INTEL

EDR

Comprehensive Protection

Complete Visibility

- Ingests raw streaming data (logs, flows, identities) to provide unparalleled real-time view of all assets, applications, users, and their interactions.

- Logically auto-discovers assets to create asset groups.

- Sees threats originating from outside the organization as well as within.

Proactive Threat Detection

- Proactively detects threats and attacks in real-time via ML-augmented built-in threat models.

- Uses AI-automated event correlation, detection, verification of threats/attacks.

- Finds and surfaces only confirmed attacks in minutes.

Automated Containment and Response

- Offers simple push-button containment of threats in real time.

- Provides fully automated containment as threats are detected – no humans required. Capable of stopping threats and attacks before harm is done.

Continuous Compliance and Reporting

- HIPAA, PCI-DSS, NIST

Threat Surfaces Monitored

Firewalls

End stations

Applications

Internet traffic

DNS

Servers

Cloud instances

Cloud services

Directories

DHCP

Inter VM communication

Inter container communications

Network infrastructure

ARIA ADR Adds:

- On-Premises

- Network Traffic

- WAN Traffic, IoT monitoring

Contact Us to Schedule a Technical Demonstration or Arrange an Evaluation ✉ **ARIAsales@ariacybersecurity.com**

ABOUT ARIA CYBERSECURITY SOLUTIONS

ARIA Cybersecurity Solutions recognizes that better, stronger, more effective cybersecurity starts with a smarter approach. Our solutions provide new ways to monitor all internal network traffic, while capturing and feeding the right data to existing security tools to improve threat detection and surgically disrupt intrusions. Customers in a range of industries rely on our solutions each and every day to accelerate incident response, automate breach detection, and protect their most critical assets and applications. With a proven track record supporting the Department of Defense and many intelligence agencies in their war on terror, and an award-winning portfolio of security solutions, ARIA Cybersecurity Solutions is committed to leading the way in cybersecurity success.

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