

ORAI

AI Powered / ICS Defense System

Master the Norm to Intercept the Unknown

ORAI leverages AI behavioral learning and Deep Packet Inspection (DPI) of industrial protocols to establish dedicated normal-behavior baselines. It accurately detects anomalies and proactively defends against threats to ensure the stability and security of industrial networks.

01 Seamless Deployment
Non-intrusive deployment & Zero network downtime

02 Ultra-Precise Protection
Dedicated baseline models & Significantly reduce false positives

03 Reduced O&M Workload
Automated monitoring & eliminates the need for manual configuration

Establish
Dedicated Baselines,
Leaving **Anomalies**
Nowhere to Hide

In industrial networks, threats often masquerade as "normal traffic." ORAI enables devices to learn what constitutes normal behavior—ensuring immediate identification the moment an anomaly occurs.



Precisely Master the Norm

Gain deep insights into device behavior patterns to establish normal network baselines.



Uncover Potential Unknown Threats

Identify unknown threats through behavioral deviations.



Mastering the Language of ICS.

With 2000+ built-in protocols, fully decoding your industrial devices.

Core Advantages

Site-Specific Baselines

AI automatically learns and establishes site-wide baselines without manual intervention, accurately mastering the norm for local subnets to ensure maximum protection.

Visibility into Unknown Threats

Combines Deep Packet Inspection (DPI) with behavioral modeling to effectively identify abnormal behaviors and unknown zero-day attacks.

Low-Impact Deployment

Utilizes bypass analysis without altering the existing network architecture, perfectly achieving seamless deployment and zero network downtime.

Multi-Layer Integrated Defense

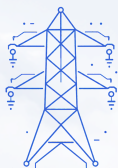
AI anomaly detection integrated with Rule-based IPS, L2/L3-L7 firewalls, and DoS/DDoS protection.



Purpose-Built for Critical Operations



Smart Manufacturing

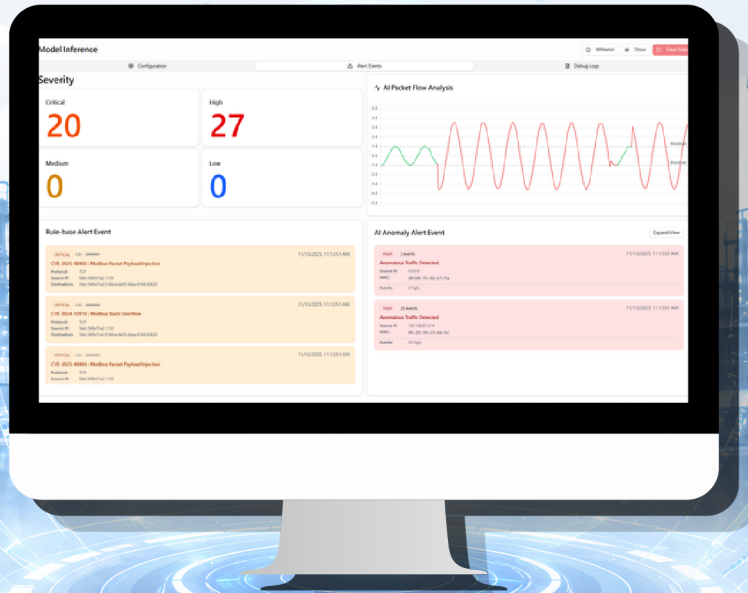


Critical Infrastructure



Smart Transportation

Safeguarding Critical Operations,
Ensuring Continuous OT Security.



Industrial
Cyber
security

Intelligent Protection
Engineered for Critical
Infrastructure

Proactive Defense. Real-Time Response. Continuous Evolution.

The ORAI Advantage: 3 Key Differentiators



Automated Learning & Precision Detection
Leverages AI deep learning to analyze OT network traffic, accurately identifying anomalous behaviors and unknown threats.

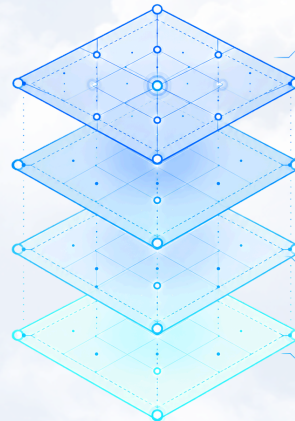


Low Latency & Real-Time Protection
Delivers millisecond-level detection and blocking, enabling a rapid response before an attack can manifest.



Continuous Evolution & Comprehensive Visibility
Continuously learns to identify novel threats, providing complete security visibility and actionable insights.

Four-Layer Defense Architecture



04 Domain-Specific Policies & Automated Defense

Formulates industry-specific security policies for automated threat blocking and isolation.

03 AI-Powered Anomaly Detection

Utilizes advanced AI models to detect anomalous behaviors and unknown attacks.

02 Deep Protocol Analysis

Performs deep protocol parsing and behavioral analysis.

01 Network Traffic Visibility

Real-time collection and filtering of OT network traffic.

Defense Workflow

Monitor



Continuous monitoring of OT network traffic

Analyze



AI-driven analysis and correlation of anomalous behaviors

Alert



Real-time alerts and incident notifications

Block



Automated blocking and threat isolation

