

AI-Powered Security for Edge and IoT Infrastructure

Edge IoT Security

Securing edge environments calls for a nuanced approach to ensure comprehensive cybersecurity. While cloud-based security solutions tend to be resource-intensive, costly, and reactive, organizations can rely on AI EdgeLabs to provide autonomous solutions designed to operate inside edge infrastructure in real time. These solutions safeguard the edge ecosystems and bolster resilience against sophisticated and decentralized attacks, enabling organizations to stay one step ahead of potential adversaries

Our Approach

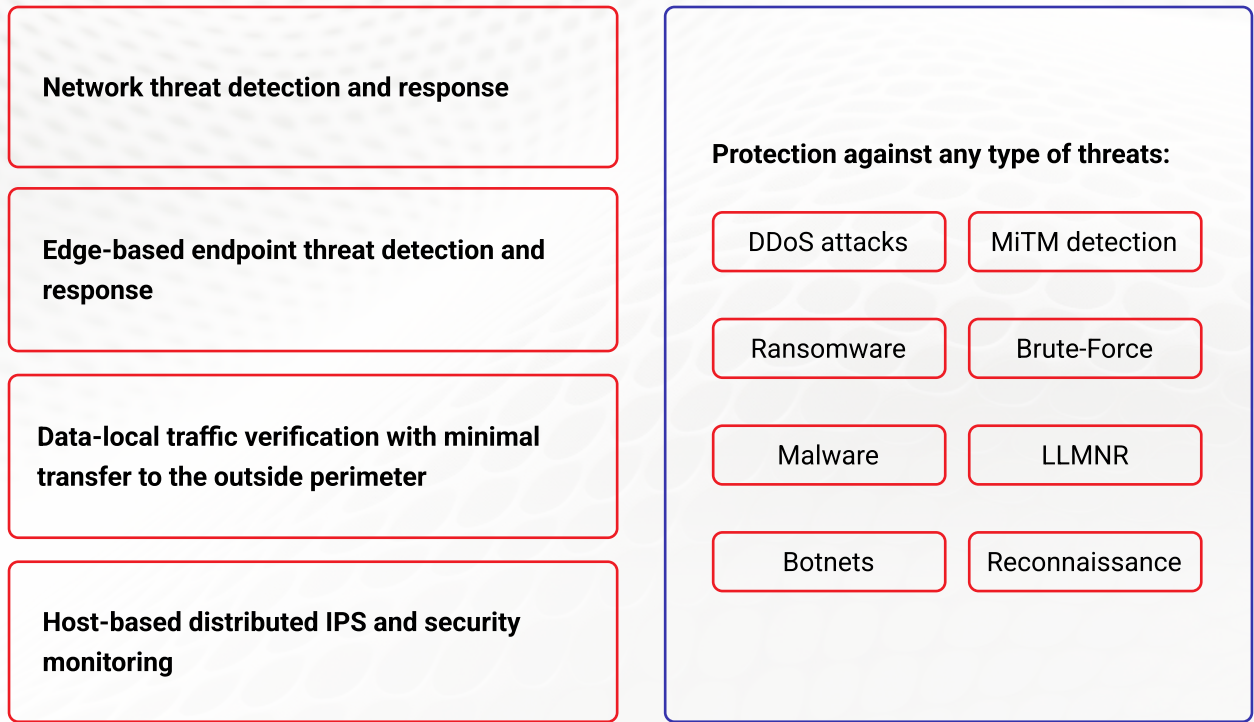
AI EdgeLabs is an AI-powered real-time cybersecurity solution that is purpose-built for Edge and IoT infrastructures to empower organizations to address the specific security requirements of the distributed environments, providing end-to-end protection. Leveraging the power of AI and ML, our solution immediately identifies and mitigates threats, even with intermittent connectivity and limited bandwidth. AI EdgeLabs optimized for improved performance, runtime cost, and advanced edge-native security

Key Benefits

- Edge-native** – efficient AI algorithms bring instant decision making to the edge
- Seamless deployment** on the existing infrastructure (edge or IIoT gateways) – zero additional hardware, no operations disruption
- Easy integration and high compatibility** with existing cybersecurity systems and SIEM
- Connected or air-gapped** – online, offline, or with intermittent connections
- Continuous protection 24/7** – autonomous response
- High scalability** across all distributed infrastructures – up to thousands of global network nodes within 1 business day
- Cost efficiency** – min 15% reduction of the total security costs
- Enhanced compliance** – sensitive data is not transmitted over the network

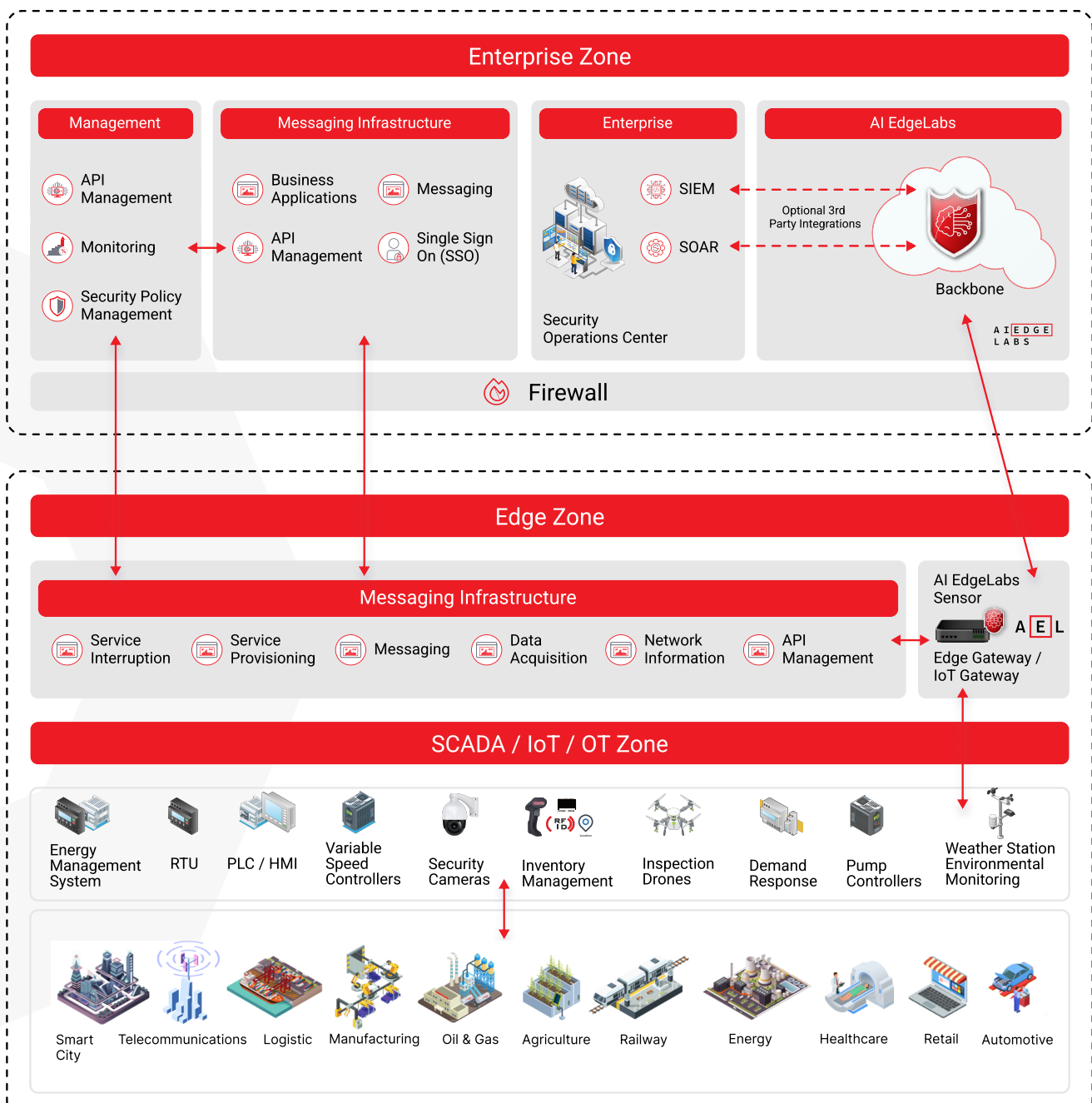
Key Features

AI EdgeLabs suggests runtime security on-device with zero-hardware footprint. The solution works autonomously without connectivity or in intermittent connectivity mode at multiple layers, providing end-to-end security functionality. Our AI-based engine enables autonomous real-time cybersecurity capabilities:



Integration and Deployment

AI EdgeLabs is an innovative edge-first threat detection and response engine that can be deployed in hours through containers to hundreds and thousands Edges and IOT gateways providing immediate real-time protection for distributed Edge IOT environments



Harness the Power of AI-driven Cybersecurity – Protect Your Edge and IOT Infrastructure at Scale