

Accurate Business-Driven Alerts and Agentic Automation

Monitoreal Agentic Vision AI Platform



By leveraging Intel® technologies, Monitoreal's Agentic Edge AI delivers autonomous physical security for intelligent monitoring, faster incident response, and greater operational efficiency.

Monitoreal Agentic Vision AI Platform transforms existing IP camera deployments into intelligent, privacy-centric systems that can perceive, reason, and act locally without requiring cloud connectivity or infrastructure changes. Deployed on the ASUS NUC 16 Pro, the solution leverages Intel® Core™ Ultra Series 3 processors to deliver advanced edge AI in a compact, scalable form factor. Optimized with the Metro AI Suite and the OpenVINO™ toolkit, the platform executes the full perception-reasoning-action loop on-site in real time, enabling greater operational awareness and faster response while keeping data on premises.

Patented object detection reduces false alarms, while an agentic AI pipeline continuously evaluates live context to trigger automated actions such as lighting, audio announcements, and access control. Supporting up to 100 cameras per appliance, Monitoreal helps organizations enhance security, improve operational efficiency, and accelerate decision-making through scalable edge intelligence while reducing reliance on cloud processing and additional AI accelerators.

*Monitoreal's Agentic Vision AI delivers operational intelligence, business insights, and **proactive safety** on one Intel®-powered edge appliance.*

Intel Products & Technologies

Accelerating AI and analytics at the edge



[Intel® Core™ Ultra
Series 3 processors](#)



[Intel® Arc™ A-Series
Graphics](#)



[OpenVINO™ Toolkit](#)



[Metro AI Suite](#)

Key Intel-Enabled Features

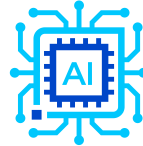
Real-Time AI and analytics make it easy



Scalable Video Analytics



Real-Time AI Insights



Autonomous AI Actions



Lower Deployment Costs

Built on Intel® processors and optimized with the OpenVINO™ toolkit, Monitoreal and ASUS deliver:

01



Intel® Core™ Ultra Series 3 enables high-density video decoding.

02



OpenVINO™ toolkit accelerates low-latency video AI inference.

03



Intel® NPU enables small LLMs directly at the edge.

04



Intel® architecture lowers edge AI deployment and operating costs.

That's the power of Intel Inside®.

Country/Geo:

Worldwide

Verticals:

Enterprise;
Cross-Industry

Use Cases:

Perimeter & Access Monitoring;
Live Video Stream Analysis;
Occupancy & Space Analytics;
Predictive Maintenance; Access
Control & Security Monitoring

About Monitoreal

Monitoreal develops AI-powered perimeter security solutions that transform existing camera systems into proactive monitoring platforms. Founded in 2018, the company combines edge AI, object detection, and local processing to help homes and businesses identify threats, reduce false alarms, and improve security without relying on cloud-based infrastructure.

www.monitoreal.com

[Monitoreal Agentic Vision AI Platform - Edge AI Partner Spotlight](#)

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Intel® AI Edge Applications

About ASUS

ASUS is a global technology company driven by innovation and passionate about enhancing digital life. It designs and delivers a broad range of products and solutions that empower people and organizations, combining cutting edge engineering, quality, and sustainability to create intuitive, reliable experiences for users worldwide

www.asus.com

[ASUS NUC 16 Pro - Edge AI Partner Spotlight](#)

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Intel® AI Edge Systems

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