

Autonomous Edge Reasoning and Proactive Vision AI

Monitoreal Agentic Vision AI Platform

Your cameras already see everything. Now they understand it.

Monitoreal's platform transforms existing IP camera deployments into intelligent, privacy-centric systems to perceive, reason, and act on a single Intel edge appliance—with no cloud connection or infrastructure changes required.

Powered by Intel® Core™ Ultra processors and optimized with Metro AI Suite, it runs the full perception-reasoning-action loop on-site in real time for sharper operational awareness and faster response times without data leaving the building. Patented object detection cuts false alarms, while an agentic pipeline evaluates live context to autonomously trigger responses like lighting, audio, or access control. With support for up to 100 cameras per appliance, organizations can scale for enhanced awareness, efficiency, and response.



Key Intel-Enabled Features



On-Prem
Vision AI



Zero-Trust
Privacy



Agentic
Automation



Camera-
Agnostic
Scale

- [Intel® Core™ Ultra processors](#) provide heterogeneous compute (CPU/GPU/NPU) for concurrent scene reasoning and agentic orchestration on a single SoC; no discrete GPU needed.
- [OpenVINO™ Toolkit](#) and [Deep Learning Streamer](#), part of the [Metro AI Suite](#), provide the complete media analytics pipeline, reducing development time and maximizing streams per dollar.
- Integrated [Intel® Arc™ graphics](#) accelerate parallel inference across camera streams, while NPU handles sustained always-on detection at minimal power--enabling up to 100 streams deployment in a compact form factor at the edge.

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

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

Ordering Guidance: [Contact Us](#)

Country/Geo: Worldwide

Edge Verticals: Enterprise; Cross-Industry

Edge Use Cases: Perimeter & Access Monitoring; Live Video Stream Analysis; Access Control & Security Monitoring; Occupancy & Space Analytics; Predictive Maintenance; Critical Infrastructure Monitoring; Emergency Response

Learn more:

- [Monitoreal Website](#)