

Run AI at the Edge and Share Only What Matters

Expanso Edge AI Data Plane

Expanso Edge runs AI and data pipelines on customer-controlled infrastructure close to cameras, sensors, and industrial systems. Teams define data ingestion, AI inference, filtering, and routing in versioned YAML pipelines and deploy them to edge nodes by site, region, or hardware profile.

Optimized for Intel® Core™ Ultra Series 3 processors, the solution uses OpenVINO™ toolkit to accelerate local computer vision, generative AI, and vision-language model workloads at the edge. Raw data can remain on site while pipelines send only configured events, summaries, or supporting images upstream. Configurable buffering supports intermittent connectivity, while a managed control plane tracks node health, job status, and execution records across distributed manufacturing, energy, and transportation environments.



*Expanso Edge GenAI Data Plane enables industrial teams to run local AI and **centrally manage data pipelines across distributed sites.***

Key Intel-Enabled Features



Local AI Inference



On-Node GenAI



Hardware Flexibility



Reduced Data Transit

- [OpenVINO™ toolkit](#) accelerates local AI inference on [Intel® Core™ Ultra Series 3 processors](#), for edge deployments.
- Language and vision-language models run locally with [OpenVINO™ GenAI](#), supporting on-node generative AI processing.
- Support for Intel® CPU, GPU, and NPU resources provides deployment flexibility across compatible edge systems.
- Local AI processing reduces raw data movement by enabling pipelines to transmit only configured events, summaries, or supporting images.

By leveraging Intel® technologies, Expanso Edge GenAI Data Plane by Expanso addresses the challenge of moving large volumes of industrial data over constrained networks for timely centralized analysis.

Ordering Guidance:

- [Book a Demo](#)

Country/Geo: Worldwide

Edge Verticals: Manufacturing & Energy; Smart Cities & Transportation; Security & Surveillance; Smart Buildings

Edge Use Cases: Predictive Maintenance & Anomaly Detection; Quality Inspection; Critical Infrastructure Monitoring; Video Analytics; Building Operations

Learn more:

- [Expanso Website](#)

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