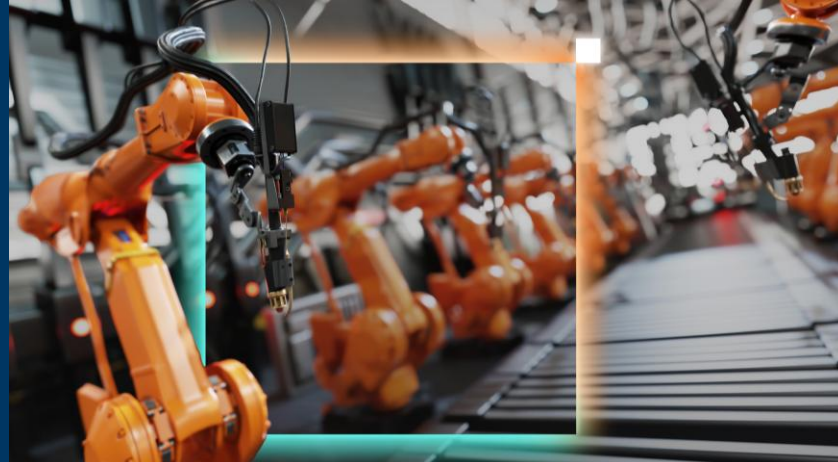


Smarter Manufacturing Starts with Visibility

IRIS - AI-Powered Video Analytics

IRIS is an AI-powered video analytics platform that enables manufacturers to improve safety, quality, productivity, and operational compliance through real-time monitoring and insights. Designed as a proven accelerator, IRIS delivers up to 90% of the solution out of the box, significantly reducing deployment time and implementation risk. The remaining solution is tailored through customer-specific AI model tuning and configuration to address unique production environments, workflows, and performance requirements.

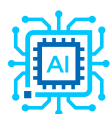
Supporting use cases such as safety monitoring, quality inspection, SOP adherence, and equipment health, IRIS helps organizations move beyond manual and sampling-based processes to automated, data-driven operations. Powered by Intel® Core™ Ultra processors, Deep Learning Streamer (DL Streamer), and the OpenVINO™ toolkit, IRIS delivers scalable AI inference and video analytics at the edge.



Key Intel-Enabled Features



Real-Time Monitoring



AI Quality Inspection



Safety Compliance



Scalable Deployment

- [Intel® Core™ Ultra Series 3 processors](#) and [Intel® Core™ Ultra Processors \(Series 2\)](#) enable real-time AI inference for safety, quality, and process monitoring at the edge.
- [OpenVINO™ toolkit](#) optimizes vision AI workloads to improve inference performance and efficiency.
- [Deep Learning Streamer](#) accelerates multi-camera video analytics for low-latency monitoring and rapid issue detection.
- Intel® technologies help bring AI closer to operations for faster insights and real-time decision-making.

By leveraging Intel® technologies, IRIS by Tata Elxsi helps manufacturers overcome the limitations of manual monitoring by delivering scalable, real-time visibility across complex operations.

Notices & Disclaimers:

Intel technologies may require enabled hardware, software or service activation. // No product or component can be absolutely secure. // Your costs and results may vary. // Intel Statement on Product Usage: Intel is committed to respecting human rights and avoiding causing or contributing to adverse impacts on human rights. See Intel's [Global Human Rights Principles](#). Intel's products and software are intended only to be used in applications that do not cause or contribute to adverse impacts on human rights. © Intel Corporation, Intel, the Intel logo, Intel Core, and other Intel marks are trademarks of Intel Corporation or its subsidiaries. Other names and brands may be claimed as property of others.

*IRIS by Tata Elxsi accelerates time to value with AI-powered monitoring that **improves safety, quality, productivity, and business outcomes.***

Ordering Guidance: [Contact Us](#)

Country/Geo: United States; Canada; Europe, Middle East, and Africa; Asia Pacific, Japan, Australia & New Zealand; India

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

Edge Use Cases: Quality Control; Predictive Maintenance; Worker Safety; Critical Infrastructure Monitoring; Fleet Management; Video Analytics; Access Control & Security Monitoring

Learn more: [Tata Elxsi LTD Website](#)