

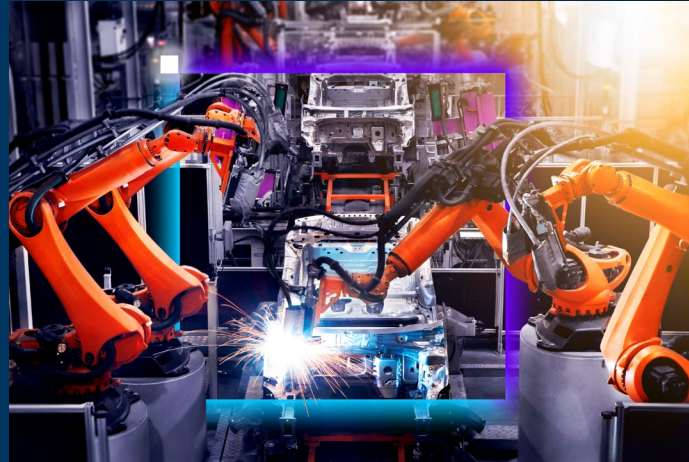
Reducing Defects with Real-Time Edge AI Inspection

Klyff Inspeqtr

Klyff Inspeqtr helps manufacturers cut defects and costs with AI-powered, edge-based visual inspection built for electronics, automotive, food & beverage, and life sciences lines. It catches solder joint issues, misalignments, paint imperfections, packaging errors, and other anomalies that traditional AOI and manual inspection miss — typically cutting escape rates from ~1.5% to under 0.3% and lifting first-pass yield by 2 to 4 points ^[1].

Analyzing images at full production speed with sub-200ms defect detection, Inspeqtr keeps quality decisions on the line. Running on Intel® Core™ Ultra processor-based edge systems and optimized with the OpenVINO™ toolkit and Intel® Deep Learning Streamer, the solution delivers low-latency inference, accelerated video analytics, and scalable deployment across production lines and facilities.

^[1] Intel does not control or audit third-party data. You should consult other sources to evaluate accuracy.



Key Intel-Enabled Features



Real-Time
Defect
Detection



Faster
Video
Analytics



Scalable Edge
Deployment



Optimized AI
Performance

- [OpenVINO™ toolkit](#) and [Intel® Core™ Ultra processors](#) accelerate AI inference for fast, accurate quality inspection.
- Intel® Deep Learning Streamer optimizes video pipelines to process high-resolution camera feeds with low latency.
- Intel® Edge Manageability Framework simplifies remote model updates and fleet-wide deployment across facilities.
- Intel® Core™ Ultra CPU, GPU, and NPU resources accelerate INT8 models for efficient edge AI processing.

By leveraging Intel® technologies, Inspeqtr by Klyff helps manufacturers reduce defects, improve yield, and automate quality inspection at production-line speed.

Notices & Disclaimers:

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Inspeqtr by Klyff delivers AI-powered edge inspection that reduces defects, improves yield, and lowers quality-related manufacturing costs.

Ordering Guidance:

- [Contact Us](#)

Country/Geo: US/Canada; Asia Pacific, Japan, Australia & New Zealand; India

Edge Verticals: Manufacturing & Energy, Healthcare & Life Sciences

Edge Use Cases: Image Analysis; Anomaly Detection; Quality Inspection; Predictive Maintenance; Worker Safety

Learn more:

- [Klyff Website](#)