**Telit Cinterion**

# deviceWISE® AI Visual Inspection
## The Next Generation of Industrial Visual Inspection

## From Complex to Clear: Making Visual Inspections Easy

deviceWISE Visual Inspection is a versatile software solution. It empowers users to configure a customized dashboard, workflows and external communications easily with PLCs, clouds and MES. The solution is designed to deliver a comprehensive end-to-end system that is easy to set up without custom code.



## Transform Your Work with deviceWISE Visual Inspection

deviceWISE Visual Inspection uses advanced algorithms and deep-learning techniques to:

- **Ensure accurate results**
- **Reduce errors**
- **Increase productivity**

This manufacturing solution simplifies problem identification and solving in real time. It minimizes downtime and reduces the impact on your production schedule.

deviceWISE Visual Inspection helps increase productivity and reduce costs. It enhances accuracy and efficiency and improves problem resolution. Our solution empowers you to provide operators with instant visual feedback to rectify workstation defects.

## Improve Accuracy and Speed for Quick Wins

deviceWISE is an easy-to-use system known for its compatibility and modularity. Adding inspection capabilities provides an extra functionality layer to your preferred orchestrator. Visual Inspection enables it to handle various industrial-level image inspections.

We cover a plethora of industrial applications, including:

- **Classification**
- **Object and anomaly detection**
- **Distance measurement**

In addition, real-time data and analytics are accessible through a user-friendly interface.

# Our Best-in-Class Solutions Empower Success Worldwide

## Effortless Deployment

Deploy our solution on any premises or cloud environment effortlessly. deviceWISE Visual Inspection is fully containerized to meet your requirements.

## Advanced AI Techniques

Our solution incorporates advanced AI algorithms (e.g., YOLOv8 and Autoencoder) for effective object detection and anomaly identification.

## Inspection of Complex Features

AI and ML can be trained to identify defects that are challenging for humans to detect due to their complexity or subtlety.

## Seamless Integration

deviceWISE Visual Inspection ensures optimal performance and compatibility with various industrial equipment and software systems. It seamlessly integrates with your industrial cameras for optimal performance.

We offer compatibility with:

- CNC machines
- PLCs from leading manufacturers
- Robots

We also provide compatible connectors for leading systems, including:

- AWS
- IBM Maximo
- Microsoft Azure IoT
- SAP
- Siemens

## deviceWISE Visual Inspection Capabilities

deviceWISE Visual Inspection provides the most advanced and comprehensive visual inspection capabilities. With its powerful AI algorithms and flexible deployment options, you'll improve your operations like never before.

- On-the-fly model training
- Deployment with selected cameras
- Real-time analysis
- Customizable algorithms

With deviceWISE Visual Inspection, you can take your operations to the next level. You'll reduce costs and augment efficiency and product quality.

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Speak with our experts to learn more about deviceWISE AI Visual Inspection.

**Request a Consultation**