



No-Code AI Quality Automation Platform

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Introducing Pleora Technologies

1

Founded in 2000
with a vision to simplify
real-time video
transport

2

Helps lead continuing
development of **global
vision standards** to
ensure interoperability
in multi-vendor vision
systems

3

Hardware and software
solutions designed into
**industrial, medical,
security and defense**
applications

4

New **AI solutions** for
consumer, food &
beverage, parts
manufacturing, print &
packaging markets

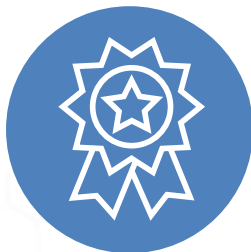
Over 75 global employees serving 1500 active customers



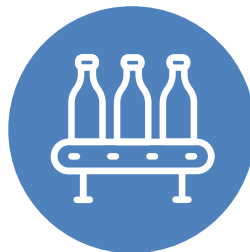
Why Do Leading Brands Choose Pleora?



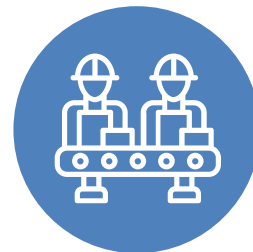
Reduce errors that result in poor product quality, waste, costly secondary screening



Maintain brand standards and meet safety and compliance requirements



Inspect challenging materials (metal, glass, fabric, wood, irregular shapes)



Automate error-prone human inspection at key points in the manufacturing process

We simplify AI for consumer goods, parts manufacturing, food & beverage, and print & packaging

We're Improving Quality and Processes with AI

Supply Chain

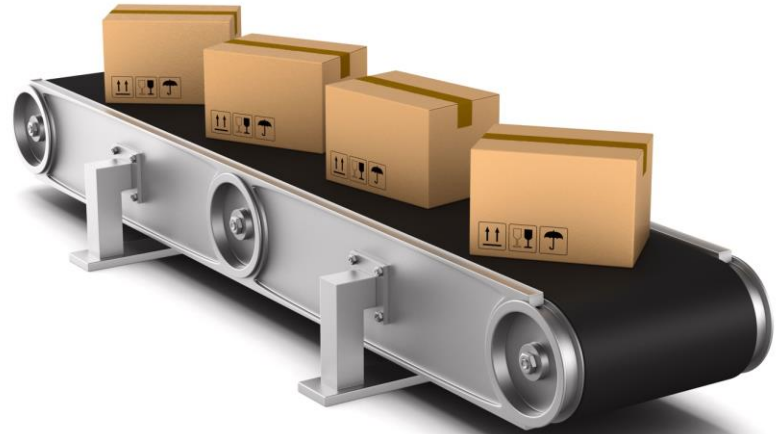
Production

Inspection

Assembly and Sorting

Packaging

- Check and count incoming parts



We're Improving Quality and Processes with AI

Supply Chain

Production

Inspection

Assembly and Sorting

Packaging

- Manufacturing set-up and customization
- Verify parts and assembly
- Check ingredient mix



We're Improving Quality and Processes with AI...

Supply Chain

Production

Inspection

Assembly and Sorting

Packaging

- Reduce false positives
- Challenging materials (metal, glass, wood, fabrics, etc.)
- Quality checks (fill levels, seal)
- Automate manual inspection



We're Improving Quality and Processes with AI...

Supply Chain

Production

Inspection

Assembly and Sorting

Packaging



- Product sorting and grading
- Digitize assembly instructions

We're Improving Quality and Processes with AI

Supply Chain

Production

Inspection

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Packaging



- Verify product labelling

Manufacturing Challenge – Deploying AI without Disrupting Proven Processes



Infrastructure

How can I deploy AI without changing infrastructure?

Add advanced inspection while maintaining existing cameras, processors, controllers, etc.



Development

Is AI development complicated and expensive?

Traditionally requires specialized skills or external consulting



Processes

I need to maintain existing processes for end-users

Avoid retraining costs, maintain tools that operators trust and are comfortable using

Pleora's unique approach to AI development and deployment addresses these key concerns

Pleora's AI Platform for End-to-End Quality Control

No-Code Algorithm Development eBUS AI Studio™



Develop AI and computer vision plug-ins and customize open source models in hours instead of days

Seamless AI Deployment Pleora AI Gateway™



Edge processing platform to deploy advanced AI inspection without disrupting existing infrastructure and processes

Simplify Development with Pleora's eBUS AI Studio



Enterprise no-code algorithm development platform for quality inspection tasks

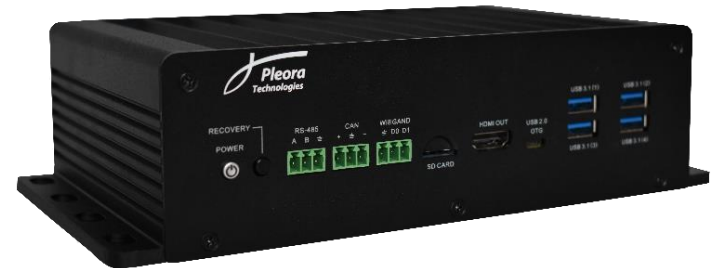
- **Non-experts** can design AI and computer vision algorithms without needing specialized development skills
- **Accessible** on standard web browser on any device with no additional software install
- **Seamlessly** deploy plug-ins on AI Gateway edge processing & integrate with existing infrastructure and end-user processes



Pleora AI Gateway

Simplifies the deployment of advanced AI capabilities and provides connectivity for next-generation Industry 4.0 applications

- ✓ Add edge AI capabilities to existing vision systems without changing cameras, controllers, PCs, and software
- ✓ Seamlessly deploy and continuously train AI plug-ins developed and customized in eBUS AI Studio
- ✓ Built on open standards with zero vendor lock-in, compatible with third-party cameras, sensors, processing solutions, libraries





Adding AI to Inline & Manual Inspection

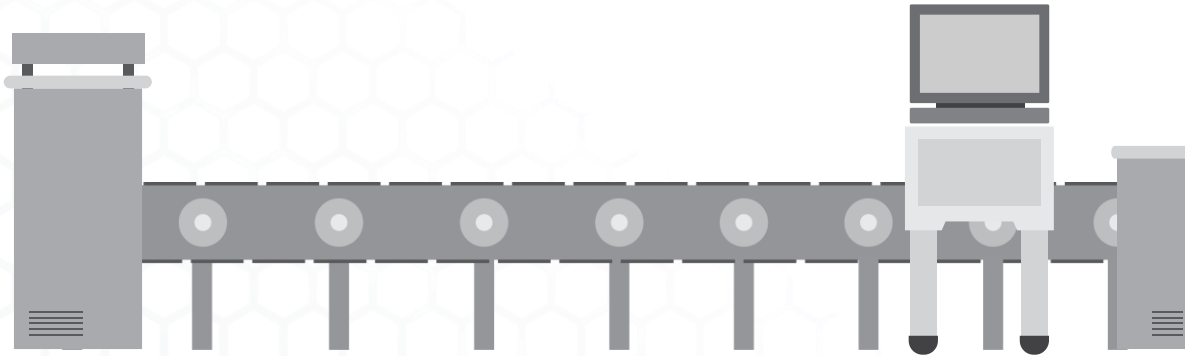
Improve quality while maintaining existing infrastructure

For Inline Quality Inspection

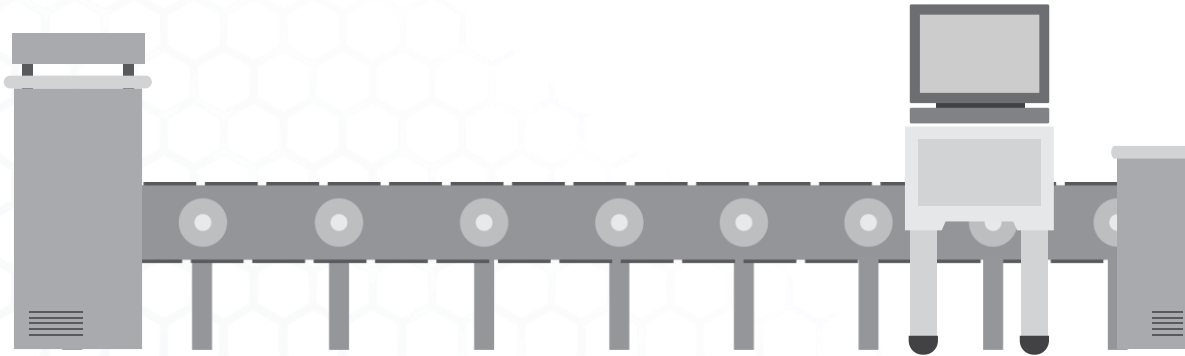
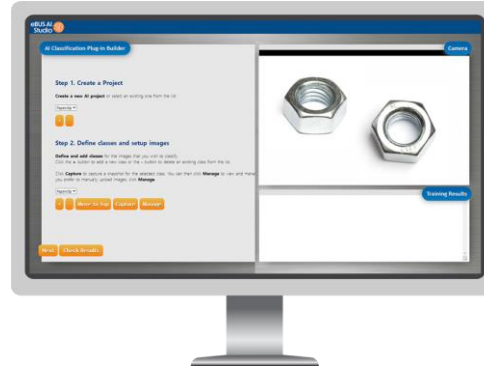


eBUS AI Studio 

1 No-code drag and drop development of AI & computer vision plug-ins



For Inline Quality Inspection



For Inline Quality Inspection



For Inline Quality Inspection



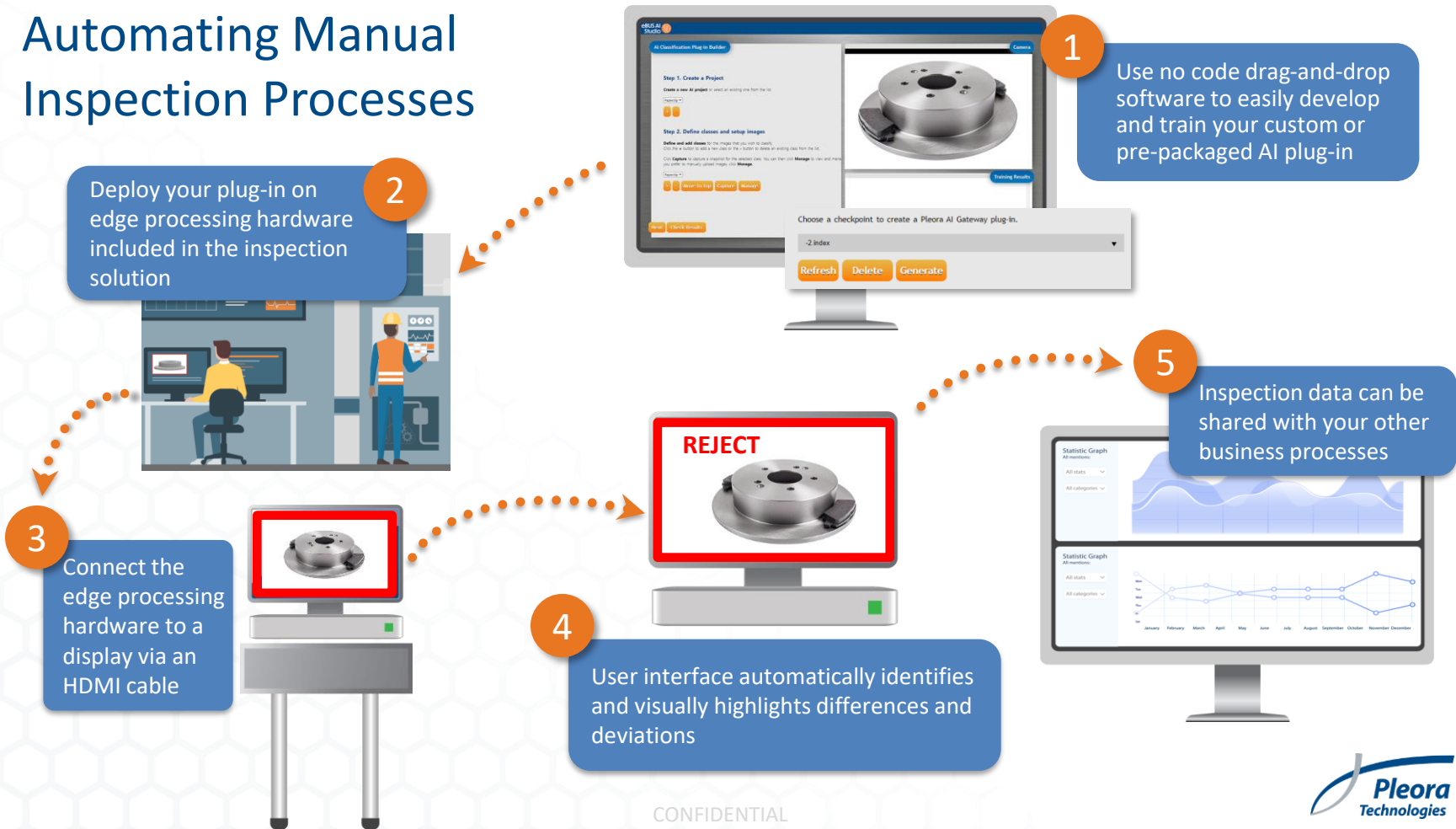
For Inline Quality Inspection



5 Display results

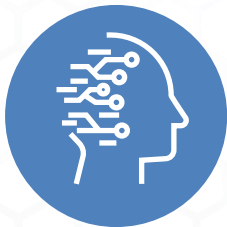


Automating Manual Inspection Processes



Why Work with Pleora

Add AI Skills to Existing Infrastructure



- Add advanced inspection without replacing infrastructure and processes
- Automate manual inspection tasks

Lower Total Cost of Ownership



- Fully integrated AI development and deployment platform
- Minimal end-user training
- No recurring fees

Flexible and Scalable



- Supports open source AI frameworks and standards-compliant system components
- Compatible with MQTT and OPC-UA to drive Quality Analytics and full factory automation

qualitycontrol.ai