

APPLICATION LIKE NO OTHER.

The system allows an operator equipped with a cell phone to acquire images of a select area to be inspected and sends that image to a server, where Mobile Vision takes the image and processes it through vision based Deep Learning software.



WHAT IS IT?

Mobile Vision Solution is part cellular application and part server based application. The whole process on average takes less than 3 seconds to complete.



Flexibility

Flexible with a standard android smartphone. This application can be download on multiple devices to do multiple inspections in a facility.



Easy of Use

Easy to use move the smartphone to the desired inspection point and take a picture.



Freedom of Motion

Unlike fixed mounted cameras requiring line of sight; and robotic mounted cameras being omni directional. MVS field of view is unlimited.



Low Cost of Ownership

MVS is a low-cost, highly accurate and flexible approach to manual inspection for manufacturers.

Core Competencies

- Mobile vision inspections
- Works on multiple devices
- Adaptive for product variations
- Mobile vision inspections
- Uses deep learning algorithms
- Cost effective inspections
- No floor space foot print



DESCRIPTION

Mobile Vision Solution is part cellular application and part server based application. The system allows an operator equipped with a cell phone to acquire images of a select area to be inspected and sends that image to a server, where Mobile Vision an image and processes it through vision based Deep Learning software. Once this layer of AI has completed its work, the system send back the results to the mobile device. The whole process on average takes less than 3 seconds to complete.

Demonstration



CHARACTERISTICS

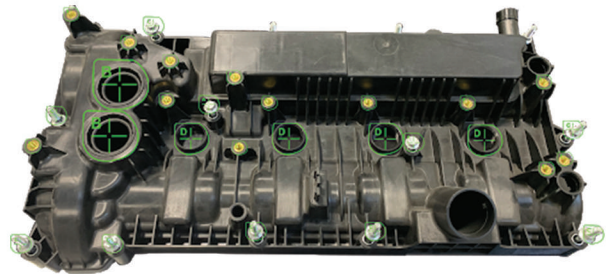
Deep Learning

Deep learning software designed specifically for manufacturing. Mobile and reliable vision based software using state of the art machine learning algorithms developed for high variability for different vision applications

Communications

The system is localized and requires no internet connectivity. Compatibilities but not limited to talking with PLC at point on contact with inspection.

Applications



Hardware

Industrial PC or server running AIS deep learning software. Android devices are used as imagers. You are not limited to the number of imagers you can use.

Data

The data bases contains five configurable data tags, pass, fail, date, time and part data. Recipes, user verification, and reporting is available as a service.

This enables the use of mobile devices for image acquisition and inspect for:

- Part and serial number authentication
- Repair Verification
- General Quality Inspection
- Process verification
- Quality Audit
- Inline Inspection
- End of Line Inspection
- Assembly verification

