



Mayura Automation & Robotic Systems

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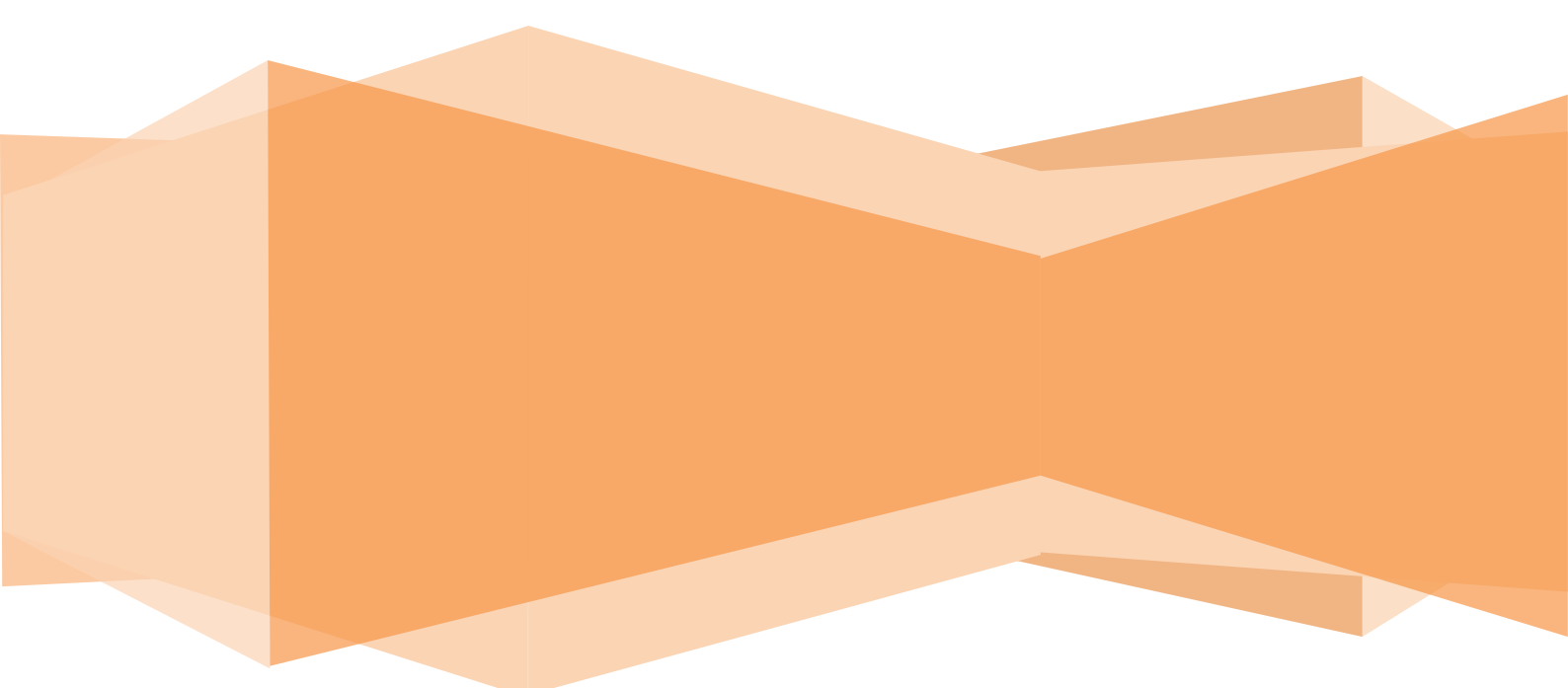
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VISION BASED MCB INSPECTION

Manufacturing Industry

Vision BASED SOLUTION





PROJECT DESCRIPTION

To build a Vision Inspection System to inspect 1,2,3,4 poles MCB immediately after the assembling stage. National Instruments Vision Builder software platform was used to build the inspection program. The customer is a Multinational Company who serves a wide range of industries with their electrical components.

SOLUTION OFFERED

National Instruments Smart Camera

National Instruments Vision Builder

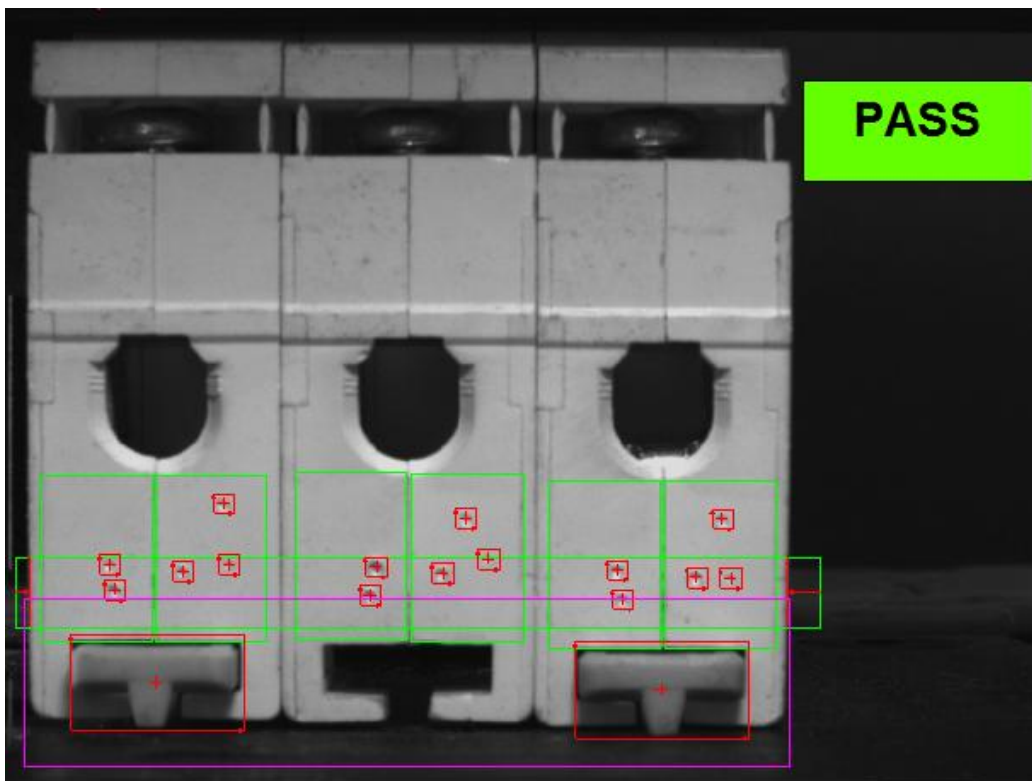
SCOPE OF MAYURAS

- vision Inspection Programming.
- Interfacing the camera and the control PLC.
- Intimating the operator about the Inspection Status.

PROJECT FEATURES

- The Vision Inspection System for MCB Inspection
- PC based inspection and defect identification system
- Dimensional Analysis
- Color Segregation
- Differentiate between 4 types of MCB`s, 3 Colors& Number of punches.
- Number of Inspections per Hour – 1250 no`s / hour.

The below screen shows the inspection screen



SYSTEM ARCHITECTURE

