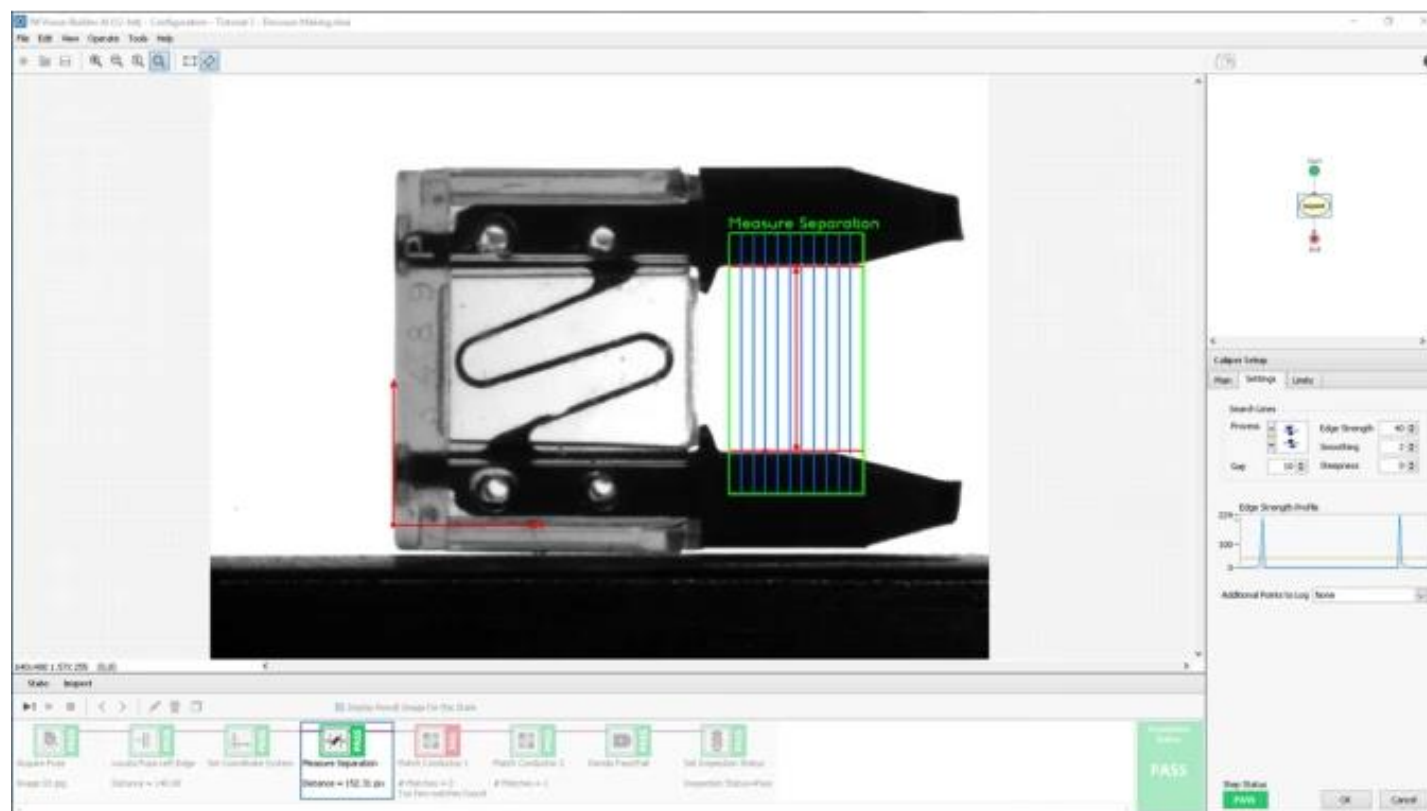




# Fundamentals of Industrial Measurement Technology

# Software



ProDSP Post Series Nr.24.



# What does the software do?

- **Detects** edges and contours
- **Determines** dimensions and positions
- **Filters** out defects
- **Decides** whether the product passes or fails





# Why isn't an open-source library enough?

- It requires **programming knowledge**
- **Less user-friendly**
- Customers often want to **modify their own** measurement logic
- Changing production conditions (material, machining, position) often require **fine-tuning** later





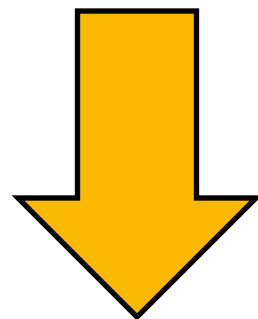
# **This is why we use industrial “boxed” software solutions that:**

- Handle the camera
- Include an integrated, ready-to-use toolbox
- Can be customized quickly
- Are stable in production-line environments





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