Collaborative Robotic System for Multi-product packaging Applications

**CHALLENGE**
Agile and Scalable Production / Automation and Collaborative Robotics / Ergonomics and Worker Safety

**SOLUTION**
- Collaborative Robotic solution based on manually movable platforms;
- Platforms developed based on the concept of plug-n-produce;
- Includes an artificial vision solution for validating and estimating the pose of the products to be manipulated;
- Vertically integrated approach allowing the exchange of information in real time with the production management system.

**APPLICATION**
Multi-product packaging lines in the industry.

**TECHNOLOGIES**
- Cyber Physical Systems (CPS) & Internet of Things (IoT)
- Industrial Vision Systems for Inspection and Quality Control
- Advanced Automation, Control & Industrial Robotics

**CONTACT**
Luis Rocha
luis.f.rocha@inesctec.pt