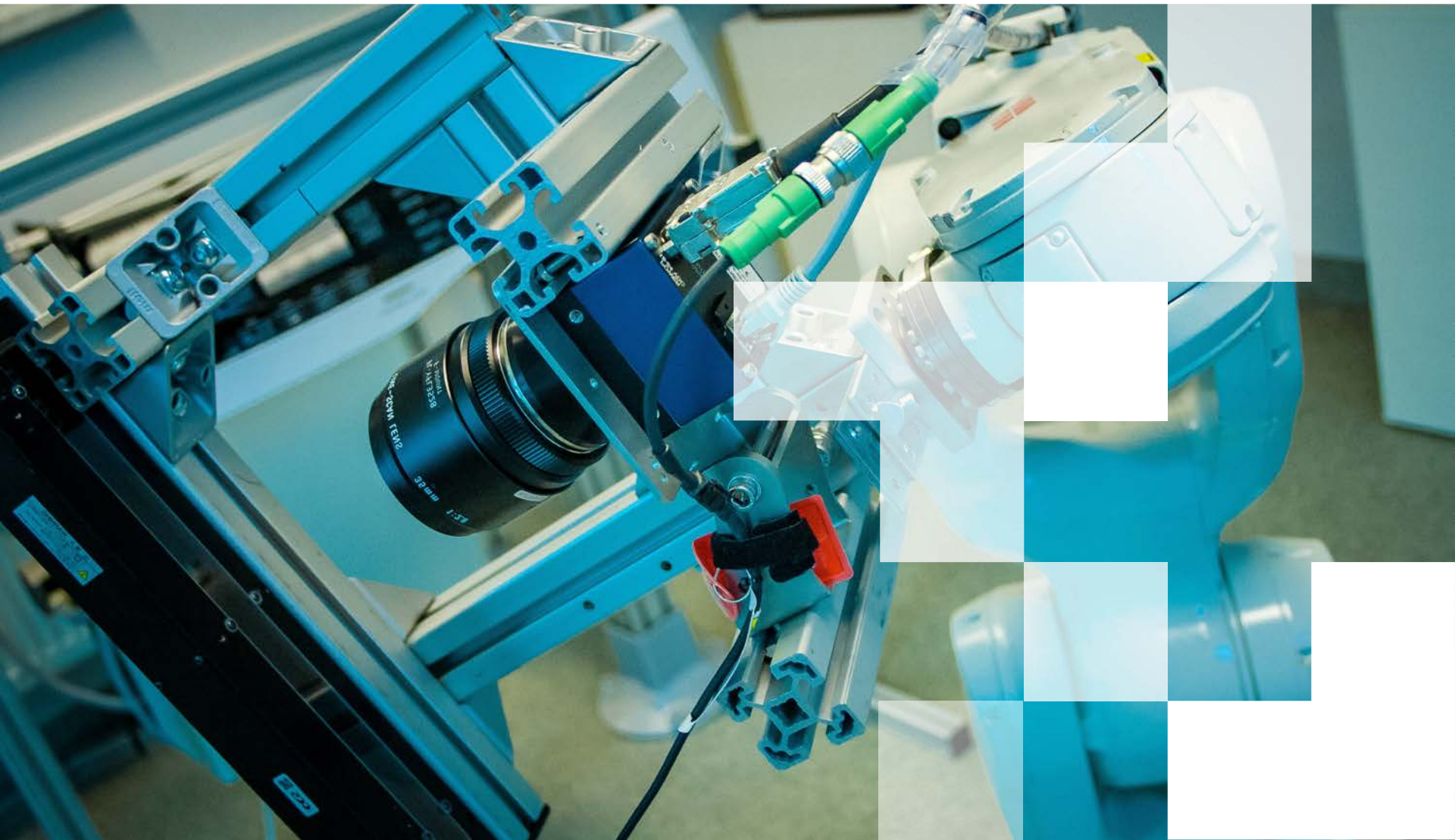


ETISOFT
SMART SOLUTIONS

ROBOTICS SYSTEMS
FOR INDUSTRY AND LOGISTICS



Adaptive Print and Apply

AUTOMATIC LABEL APPLICATION SYSTEM

Adaptive Print and Apply is an automatic label application system based on a cobot and fully integrated with the vision system. Based on the photos taken by the camera, the system can identify the model of the product, recognise the positioning of the product, and then determine where the label should be applied.

The use of a cobot (collaborative robot) which collects the label and, in response to the information provided by the vision system, precisely applies it to the product, ensures maximum flexibility and provides compensation for the lack of a positioning system and product diversity on the line.

The whole process takes place automatically without any operator intervention.



Benefits

- Human safe system - based on a cobot.
- Modular design makes it possible to configure the system according to customer requirements.
- Can be used with a cobot or a robot.
- Repeatable and precise position of the applied labels.
- Application in hard-to-reach places - places out of reach of standard solutions.
- Maintenance-free system - automatic changeover depending on the product at the workstation.
- The system can be upgraded by new label references and products, or by changing the position of labels.
- Can be integrated with the line, production planning, warehouse management and customer quality systems.
- Can cooperate with printers and label dispensers.
- Positioning of the product at the workstation is not required - the vision system determines the position and rotation of the product by correcting the movement of the robotic arm.
- Compensation of the product position in case of an incorrect position on the pallet or the transport stand on the conveyor.
- No interference with the customer's line, no long line downtime for assembly required.
- Possibility of additional quality inspection and photo documentation after label application.



Take advantage
of our offer



ETISOFT
SMART SOLUTIONS

Etisoft Smart Solutions Sp. z o.o.
Szara 21, 44-100 Gliwice
POLAND

+48 32 332 80 00
office@ess.etisoft.pl
ess.etisoft.pl

BIURA | OFFICES
Portowa 16L/300, 44-102 Gliwice, POLAND
Toruńska 27, 44-122 Gliwice, POLAND