1

About us
Introsys is a leading company specialized in developing control systems focused on the automotive industry.
We have projects in Portugal, Spain, Germany, Belgium, Romania, Russia, UK, India, Holland, Mexico and Brazil;

And offices in Portugal, Germany, Mexico, India and China

More than 3000 robots fully integrated
VALUE CHAIN

- Electrical design and planning (Eplan)
- Electrical installation
- PLC programming
- Robot programming
- Virtual commissioning
- Project management
- Standards development
- R&D
- Training academy
Our Products
2.1 Automotive Industry
PROJECT AND ELECTRICAL DEVELOPMENT

ELECTRIC INSTALLATION

VIRTUAL COMMISIONING

AUTOMATON PROGRAMMING

OFFLINE PROGRAMMING OF ROBOTS – OLP

INDUSTRIAL ROBOT PROGRAMMING

PROJECT MANAGEMENT
R&D

POWERED BY

INTROSYS
COFINANCING

Portugal Programme 2007-2013

UNIÃO EUROPEIA
Fundo Europeu de Desenvolvimento Regional

Seventh Framework Programme

European Commission
2.3 Mobile Robotics
Basic platform for outdoor perimeter surveillance for soil samples in estuarian environments collection.
Monitoring of invasive species with UAV and Artificial Intelligence algorithms (NN)

Image processing for decision support in forest fire fighting – after extinction
2.4 Efficiency Improvement
Quality check of robot programs
Automatic system to create robot program documentation
Project management software
2.5 Vision Systems
Historical data analysis & report
Check vehicle BIW structural characteristics
3D Inspection of pressed, machined or molded parts
Vision guided collaborative industrial robot

AQUISITION

DETECTION

iSent Wheel
• Agile and flexible manufacturing system for intelligent automation components 'plug-and-produce'

• European project - FoF (Factories of the Future) of H2020 (2015-2018)

• Introsys was the project coordinator
The minds that move the matter