

eurecat

Centre Tecnològic de Catalunya

Accelerating innovation with businesses.

Your strategic technology partner for industrial digitalization and automation.



www.eurecat.org

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Centre Tecnològic de Catalunya ●

We provide the industry with cutting-Edge technological solutions that deliver economic, social, and environmental impact.

1

Our multi-technology, cross-sector capabilities are applied to technological innovation projects and services.

2

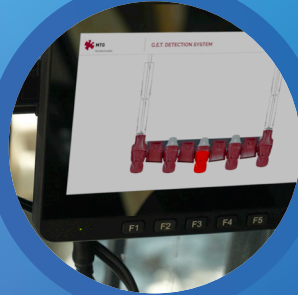
We have technological infrastructures for research, development, and service delivery with and for businesses.

3

We aim at transforming industrial processes, creating new products and businesses, overcoming challenges, and strengthening the business ecosystem.

4

We are committed to industrial and technological sovereignty in the European industrial sector, as well as its sustainability.





We turn companies' innovation projects into reality:

Cognitive robotics:

We design and develop a new generation of robots for applications in manufacturing, inspection, and logistics.

Industrial digitalization:

We develop data collection and analytics solutions that enable monitoring of machine fleets, production equipment, and overall industrial plants.

Printed electronics:

We integrate flexible and printed electronics into products to functionalize all types of surfaces, enhancing performance while expanding design possibilities and reducing environmental impact.

Advanced manufacturing:

We advance in the design, improvement, and optimization of manufacturing processes through collaborative robotics, integrating adaptive gripping systems for the safe handling of delicate objects.

Zero Defects:

We use computer vision and artificial intelligence, supported by photonic technology, to predict defects in packaging and labelling manufacturing, enabling zero-defect industrial production.

Digital Product Passport:

A tool for moving towards more transparent, responsible and competitive production models.

RecyClass:

The packaging sector is undergoing a structural shift driven by European regulation, environmental pressure, and growing social awareness. We are a recognized RecyClass entity and an official certification body. We certify the recyclability of plastic packaging according to validated European standards.

Smart Manufacturing:

We develop multi-criteria platforms powered by AI to support decision-making, optimizing processes and resources in companies operating in complex production environments where multiple influencing factors must be analyzed simultaneously.

Eurecat has developed the Digital Product Passport, whose operation enables all relevant information about a product to be recorded, structured and shared in a traceable way throughout its life cycle. It is a tool that can be deployed in any industrial sector, adapting to the specific characteristics of each value chain, product type and regulatory context.

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We are one of Europe's leading
technology centres for accelerating
innovation with businesses.



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