PARTNERS CORNER

Name and position

Jaime Ortuño, Autonomous Systems Engineer.

Role and functions in the project

Technical leader within CATEC performing technical management and software development.

What is the next milestone you are working on?

To have the Aerial Platform flying autonomously performing mission tasks.
To have the Xray crawler software modules completed and tested ready to be integrated on the real platform.

In your opinion, what is the differential value of this project?

This project significantly improves safety for workers conducting inspections in high-risk environments at heights. By implementing autonomous aerial inspection systems, it establishes a reliable foundation for conducting high-risk inspections without exposing human workers to that danger.

What would you highlight?

The development of interchangeable robotic platforms that can be deployed on pipelines is an exciting technological advancement. This innovation allows the use of various robotic inspection systems, with drones serving as the transport mechanism to deliver these systems where inspections are needed.