

# PROYECTO I+D+i



## BUSINESS AREAS

Área técnica de Innovación I+D+i  
COMSA

## DURATION

2024 - 2026

## BUDGET

TOTAL:479.270 €

## KEYWORDS

Pasarelas Aropuerto-Sistemas de  
gestion-Software-Armario de  
operaciones

## COORDINATOR

Manuel Alfageme  
(COMSA)

## Title of the project

**Design and development of a new centralized management system for the operation and maintenance of aircraft assistance equipment**

## Acronym

**AOPERHAN**

## Project Content

**The project focuses on the design and development of a new and innovative comprehensive management system to optimize airport operations, especially linked to ground operations. This system, located in the gateway of the boarding bridge, will integrate the command elements of the aircraft assistance teams, allowing for complete and secure centralized management.**

## General objectives

Design and develop the system so that all aircraft assistance equipment allows its operation remotely, something that is currently only being considered, through pilot projects, for boarding bridges. With this new system, remote or even autonomous operation of the rest of the systems that provide service to the aircraft could be considered, as well as full integration, including the gateways, in the supervision system, implying savings in the resources that are used. they currently need.

## Project phases

PT1. Análisis y definición de requisitos de las soluciones software y para la mecanización del armario de operaciones.

PT2. Diseño y desarrollo de las soluciones software y del armario de operaciones.

PT3. Pruebas y validación del prototipo de entorno relevante.