Soomnet Project

Optronics Operations Mission System

Subsidized by CDTI and supported by the Ministry of Science and Innovation

The objective of the SOOMNET project is to develop a network of multimedia electro-optical systems interconnected via radio, using a central mission system for which Inetum is responsible. This network will enable more efficient and secure communication in commercial and military flights, which will significantly improve the quality and safety of aeronautical services.

As a leader in innovation and technology, Inetum is committed to **developing advanced technological solutions that improve people's quality of life and safety**. We are excited to be part of this pioneering project in the field of aerospace technology and are confident that the results of this project will have a significant impact on the aeronautical industry.

Inetum will design a **software for the management of the SOOMNET network nodes on a GIS system** and obtain, share and integrate information from these nodes and also allow the incorporation of new nodes to the network, acting on the configuration of the radio systems.

The mission station is established as the responsible for the control of the electro-optical sensors embarked on different remote elements (helicopters or RPAs), forming a video and control mesh system. It will manage and centralize all transmissions from the remote elements.

The project execution schedule is from June 2023 to June 2025, and we look forward to the results of this project. We are pleased to collaborate with Escribano Mechanical and Engineering S.L. and Wavenet.

The project, known as *Soomnet*, is one of the initiatives selected by the **Spanish Center for Technological Development and Innovation (CDTI)** within the *Aeronautical Technology Program,* which seeks to promote the development of technologies with applications in this sector.