

<b>TEST BEFORE INVEST</b>	
<b>Consultancy services and technical support</b>	
	1. Consultancy services and technical support for Digital Technologies
	2. Consultancy services and technical support for IA, data management, and security
	3. AI implementation solutions in cybersecurity
	4. Consultancy services and technical support for Robotics
	5. Consultancy services and technical support for Data Science
<b>Access to experimentation facilities</b>	
	6. Access to experimentation facilities: FIWOO IoT SaaS Platform
	7. Laboratory and Area of Experimentation in AI and Robotics Project Technologies
	8. AI Laboratory for simulation of IoT devices
	9. Provision of hardware systems and infrastructure for AI
	10. Access to research data for applications in AI and robotics through Open Data Platform.
	11. Access to clinical data (HEALTH area)
	12. Support to adaptation and validation of products to the FIWARE standard
<b>Support to develop test environments</b>	
	1. Support to develop test environments: Specialized labs for AI and Robotics applications.
	2. Support to develop test environments or proofs of concept in real environments for the INDUSTRIAL sector.
	3. Support to develop test environments or proofs of concept in real environments for AEROSPACE.

*Do not hesitate to contact us and we will advise you so that you can make your business work at full capacity*

## 1. Consultancy services and technical support for Digital Technologies

**DESCRIPTION:** Consultancy on regulation, compliance requirements and pretesting for: EMC/RF/safety compliance, wireless and cellular products/technologies, Cybersecurity products; definition of test plan for advanced use cases, and pretesting of connected car technologies.

### PROVIDERS:



## 2. Consultancy services and technical support for IA, data management, and security

**DESCRIPTION:** Strategical assistance in methodologies to improve or deploy AI in products; Support in technological R&D for company roadmaps, strategies and evolution related to data management; Consultancy on ISMS and security regulations; Analysis of secure software and malware; Consultancy on processes with high impact for organisations, improving opportunities, scalability, ethics applied to AI, among others.

### PROVIDERS:



## 3. AI implementation solutions in cybersecurity

**DESCRIPTION:** Analysis, development and implementation of algorithms and AI techniques to improve cybersecurity platforms and recovery of companies.

**PROVIDERS:**



## 4. Consultancy services and technical support for Robotics

**DESCRIPTION:**

Robotics solution development services for process automation.

**PROVIDERS:**



## 5. Consultancy services and technical support for Data Science

**DESCRIPTION:** Services aimed at advising companies and institutions to design and develop their own products and/or solutions based on the use of Data Science (Big Data, Machine Learning and AI based on data in general), with the collaboration or not of researchers from the EDIH, and with or without including high performance computing services.

**PROVIDERS:**



## 6. Access to experimentation facilities: FIWOO IoT SaaS Platform

**DESCRIPTION:** Platform for research in the field of AI applied to the IoT. We offer the use of the platform as a basis for further exploitation of data from devices, sensors and other heterogeneous sources.

**PROVIDERS:**



## 7. Laboratory and Area of Experimentation in AI and Robotics Project Technologies

**DESCRIPTION:** Facilities for testing research activities in different areas.

**PROVIDERS:**



## 8. AI Laboratory for simulation of IoT devices

**DESCRIPTION:**

1. Access to the Laboratory for simulation of Internet of Things devices. It is a laboratory that allows simulating different environments of IoT devices where AI is deployed. The objective is, by means of a small number of computers, to simulate several devices with heterogeneous capacities and to implement some protocols, simulating attacks. And in this line, being able to have tools to validate the security solutions deployed, such as encryption algorithms, Artificial Intelligence techniques at the service of privacy protection such as federated learning, or advanced user behaviour analysis (UEBA).
2. Tool for the design of virtual experiences and a computing cloud to offer virtual reality as an VRaaS service to obtain high-quality solutions in reduced time and cost.
3. Team specialized in source code optimization, queries, message passing, web loading and rendering, etc. Containment and planning of cloud computing consumption.

**PROVIDERS:**



## 9. Provision of hardware systems and infrastructure for AI

**DESCRIPTION:** Access to equipment and support in the management of AI oriented computing technologies. Modelling oriented. Deep learning libraries and federated learning platforms.

**PROVIDERS:**



## 10. Access to research data for applications in AI and robotics through Open Data Platform

**DESCRIPTION:** Analyse and technical support (basic, advanced or actionable) using solutions developed by Universities research groups applied to AI and robotics.

**PROVIDERS:**



## 11. Access to clinical data (HEALTH area)

**DESCRIPTION:** Access to the regional health public data bases for clinical validation.

**PROVIDERS:**



## 12. Support to adaptation and validation of products to the FIWARE standard

**DESCRIPTION:** Support service for companies to adapt their solutions and products to the FIWARE European standard; Mentoring and Support service to help companies to validate and certify their products in the FIWARE European standard.

**PROVIDERS:**



## 13. Support to develop test environments: Specialized labs for AI and Robotics applications

**DESCRIPTION:** Access to experimentation platforms through development of testing and experimentation with digital technologies (both software and hardware).

**PROVIDERS:**



## 14. Support to develop test environments or proofs of concept in real environments for the INDUSTRIAL sector

**DESCRIPTION:** Support to testing and support to develop test environments or proofs of concept in real environments in the industrial sector. Data collection. Simulation.

**PROVIDERS:**





## 15. Support to develop test environments or proofs of concept in real environments for AEROSPACE.

**DESCRIPTION:** FADA-CATEC manages ATLAS which is a test flight centre located in Villacarrillo, Jaen, Spain. It is specially designed for light and small UAS/RPAS operations. It counts with 1000 Km2 of segregated airspace until 5000 ft. available jointly with a main runway of 600 m and auxiliary one of 400 m. Telemetry and primary surveillance radar facilities are available. Along with a suited orography and climatology enabling more than 300 day a year for operations.

### PROVIDERS:

