Testing of AI solutions and robotics with access to a private 5G network

Provider service

Institut de l'elevage IDELE

Link to content

https://www.agrifoodtef.eu/services/testing-ai-solutions-and-robotics-access-private-5g-network

Type of Sector

Arable farming, Livestock farming

Accepted type of products

Physical system

Type of service

Collection of test data, Desk assessment, Test execution

Description

At the Derval Experimental Farm, we offer a unique service allowing businesses to test their AI and robotics solutions using our dedicated private 5G network. Our farm provides an ideal environment to assess the performance of cutting-edge technologies in real-world conditions. This service includes a comprehensive setup phase, where we configure your solution to seamlessly integrate with our private 5G infrastructure. Additionally, you will receive technical support throughout the testing period to ensure smooth operations and optimise your results. Whether you're working on precision agriculture, autonomous machinery, or IoT applications, our expert team is here to assist you every step of the way. Unlock the full potential of your AI and robotics innovations with the power of private 5G at the Derval Experimental Farm!

How can the service help you

Our service allows you to test and fine-tune your AI or robotics solutions in a real-world environment using a dedicated private 5G network. By integrating your technology with our high-speed, low-latency 5G infrastructure, you can accurately evaluate the performance and responsiveness of your solution in conditions similar to those it will face in the field.

How the service will be delivered

The customisation of this service will be defined during the first stage of service.

Service customisation

The private 5G network will be set at Derval experimental farm from 12/09/24 to 18/10/24. If there is sufficient demand, the private 5G network can be reset for another period of time.The duration of the access to the network will have to be defined with the customer. He will have to provide the AI-based solution or robot to be tested and the necessary specifications for us to properly interface his solutions with our 5G network.