Service ID S00215

Location Poland

Testing of error handling, failure monitoring, and safety related to cyber t

Provider service

Łukasiewicz - Pozna ski Instytut Technologiczny

Link to content

https://agrifoodtef.eu/services/testing-error-handling-failure-monitoring-and-safety-related-cyber-threats

Type of Sector

Arable farming, Food processing, Greenhouse, Horticulture, Livestock farming, Tree Crops, Viticulture

Accepted type of products

Design / Documentation, Physical system, Software or AI model

Type of service

Cybersecurity, Performance evaluation

Description

As part of the service, its provider offers to grant access to the possibility to perform and carry out specialised tests for artificial intelligence systems and robots, aimed at detecting system faults, monitoring failures, and providing reliable assessments of cybersecurity risks present in the operation of IT systems, computer systems, data transmission, etc. These are now necessary measures to ensure the safe, reliable, and secure operation of artificial intelligence systems, autonomous vehicles, and robots. They require continuous testing by their user, the owner, which goes beyond basic functionality. In addition, continuous monitoring of failures through sensor data, system logs, and performance indicators is crucial to identify potential problems before they escalate. These activities are also part of a continuous cybersecurity threat assessment of owned ICT systems, databases, etc.

How can the service help you

The service provides support to the client in the form of granting access to the possibility to perform and carry out specialised tests for artificial intelligence and robotic systems, aimed at detecting system faults, monitoring failures, and providing reliable assessments of cybersecurity threats used in the work of IT systems, computer systems, data transmission, etc. The service is also aimed at customers who do not have access to such data, allowing them to carry out their intentions in the form of, e.g., tests of their computer systems and control systems, allowing them to regain full efficiency after a failure. The service is mainly aimed at customers who do not have the possibility to access this type of data, allowing them to realise their intentions in terms of, e.g., testing their computer systems and control, allowing for full recovery after a breakdown or malfunction. The

How the service will be delivered

Our service is based on a structured process allowing us to carry out specialised tests for artificial intelligence and robotic systems, aimed at detecting system faults, monitoring failures, and at reliable assessment of cyber security risks present in the operation of IT systems, computer systems, data transfer, etc.

The time, duration, and other details of the process can be adjusted according to the characteristics of a problem at hand and

Service customisation

As part of the service, we employ a methodology in line with the guidelines of commonly applicable documents (standards, directives, etc.). Based on this, we will plan and carry out actions necessary to comprehensively test the robustness of a given system.