



## D6.9 Joint Use Case with FIWARE Context Broker

Grant agreement no.	780785
Project acronym	OFERA (micro-ROS)
Project full title	Open Framework for Embedded Robot Applications
Deliverable number	D6.9
Deliverable name	Joint Use Case with FIWARE Context Broker
Date	December 2020
Dissemination level	Public
Work package and task	6.5
Author	FIWARE
Keywords	micro-ROS, robotics, ROS, microcontrollers, collaboration
Abstract	<p>This is the deliverable that will report on the Joint Use Case in which micro-ROS use cases will benefit from and/or contribute to smart robotics applications that gravitate around the FIWARE NGSI Context Broker. The main task associated with this deliverable is Task 6.5, which was initially planned for the period M24-M36. The 1-year extension that has been granted to the OFERA project has been a great opportunity to delay the execution of this task until the period M36-M48 (2021).</p> <p>The year 2020 has served to significantly improve the integration between FIWARE technology and ROS 2 technology. Specifically, the SOSS-FIWARE component has been developed as the default bridging element between the two technologies. Thanks to the effort dedicated to this component, the development of the joint use case will enjoy a more robust, reusable and scalable integration. Collaboration activities with the rest of micro-ROS use cases have already started and the delivery of the first tangible results of the joint use case are planned for the first quarter of 2021.</p>