

Autonomous Robotic Drones and Remote-Control Interface (MCC) by PROBOTEK AI

<p>Picture</p>	
<p>Brief Description</p>	<p>Mission Control Center (MCC) is an integrated environment that enables professional pilots to fly drones with safety and stability. MCC is fault tolerant and enables parallel control in case of catastrophic failures and is one of the few enterprise-ready solutions in the market.</p>
<p>Main Functionality</p>	<p>Fly drones and guide robots in a seamless way. Also provide information and alerts of certain sensors while transmitting real-time video to the control center and remote locations. MCC integrates also Cyclops, a module for enabling real-time AI for detecting humans, fires, smoke and tracking, cars, bikes, etc.</p>
<p>Main Capabilities</p>	<p>MCC integrates different components and IoT sensory information from 3rd party tools with the aim to present them and connect them with the drone over the Common Operational Picture so that FR can move safely in the field and under the suggestions of the commanding officers or the control supervisors.</p>



RESPOND-A has received funding by the European Union’s Horizon 2020 – Research and Innovation Framework Programme, under grant agreement no 883371.