
Conscience Robotics

Informations générales

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Présentation

Activité détaillée

Conscience Robotics offers an all-in-one and ready-to-use robotics operating system including an artificial intelligence allowing smart movements, detections & interactions. This system is used by third-part robots and Conscience Robotics' robots. It is compatible with rovers, flying robots, robotics arms, multi-pods and marin robots. From any smartphone, tablet or laptop, user uses "Conscience Connect" in order to connect to its robots. User can easily manual control the robot or send high level missions. The user interface automatically adapts regarding robot capabilities and provides the ability to add new competences using the "Conscience "Store. The integrated artificial intelligence allows robots to autonomously move even in an unknown environment, to detect environment content and to interact with it. Robot physical capabilities are used on an optimal way. Conscience allows robots to work together and share their experiences. Conscience provides a hardware interface in order to simply integrate any robot. "Inputs" as gyroscopes, lidars or cameras and "outputs" as motors, wheels or propellers can be simply plugged and configured. The robot can now use the user interface and the artificial intelligence.