

PRASSI ROBOT FOR CIVIL AND INDUSTRIAL INSPECTIONS AND MONITORING

Innovations and Benefits - It consists of a technology for the realization of autonomous and remote-controlled robotics systems: it combines new sensory systems with the best methods of autonomous or guided route planning, with considerable savings due to the system flexibility.

Uses - Civil and industrial inspection and monitoring systems that allow: to increase plant safety, to monitor pollution levels, to improve the level of control over the various plant parameters.

Past and Present Activities -

The Prassi robot (Autonomous Robotics Platform for Plant Safety and Surveillance) is undergoing further technological upgrading. Functional tests were carried out in a real environment simulating a mission including a first phase of autonomous navigation towards the site of a plant and a second phase of autonomous individuation, on the site reached, of parts of the plant that need intervention, (flanges, valves, etc..) including forms of action other than manipulation



Characteristics: CUSTOM

The civil and industrial inspection and monitoring service is provided in standard mode