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Smart Integrated Robotics System for SMEs controlled by IoTs based on Dynamic Manufacturing Processes

HORSE aims to bring a leap forward in the manufacturing industry proposing a new flexible model of smart factory involving collaboration of humans, robots, AGV's (Autonomous Guided Vehicles) and machinery to realize industrial tasks in an efficient manner. HORSE proposes to foster technology deployment towards SMEs by developing a methodological and technical framework for easy adaptation of robotic solutions and by setting up infrastructures and environments that will act as clustering points for selected application areas in manufacturing and for product life cycle management. The main strategy builds on existing technology and research results in robotics and smart factories and integrates them in a coherent framework. This framework will be spread within Pilot Experiments, Centres of Competence and Open Calls for Application Experiments, oriented towards new European SMEs/Industries.



Further Information:

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