

Robotics: A meteoric market, flying high on the digital transformation of vertical industries

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Abstracts

This report presents an overview of the robotics market and its interactions with other emerging technologies and digital trends.

In presenting the major technological stakes of robotics, it focuses on existing and emerging technologies for robotics sensors, actuators, robot behaviours, communication and user interfaces.

The report proceeds to an analysis of the key robotics use cases, existing and emerging in various vertical industries: manufacturing, logistics, healthcare, agriculture and consumer markets.

An analysis of the interactions of robotics with other emerging technologies (artificial intelligence, 5G, IoT, augmented and virtual reality) is provided, as well as a vision of the impact of the digital transformation trends – Industry 4.0, smart agriculture, connected health, autonomous cars – on the development of robotics.

The market report provides market forecasts in value for the robotics market up to 2030 with breakdowns by vertical industries and use cases.

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