

Robot: Market Shares, Strategies, and Forecasts, Worldwide, 2014 to 2020

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Abstracts

WinterGreen Research announces that it has published a new study Robots: Market Shares, Strategy, and Forecasts, Worldwide, 2014 to 2020. The 2014 study has 1191 pages, 607 tables and figures. Worldwide robotics markets are increasingly diversified, poised to achieve significant growth as every industry segment adopts mobile automated process new companies get more businesses test for substance abuse. The robots are taking over, they have remote control to control a device to make it do what you want.

Robots in general are poised to change every aspect of modern life. Robots are poised to change everything, what we eat, how we eat it, what we drive, how we drive it, what we manufacture, how we manufacture it, and the military, how we defend ourselves.

Robot technology is based on platforms that leverage sensors, controllers, software modules, cameras, visualization, and locomotors deploying machines for control of all repeatable process. Industrialization is after all the repetition of some task to create process. Robots take this a step further to create automation of process with the ability to move the units.

Robots are promising to improve yields in every industry. Robots make crops safer by eliminating or virtually eliminating herbicides. Downstream processing system solutions and robots achieve automation of process. Robots meet stringent hygiene and safety regulations, work tirelessly 24 hours a day, and relieve human workers of physically arduous tasks. Robots contribute to the freshness, variety and quality of food. Projects are ongoing. Projects are ongoing.

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About

What could be tastier than a fresh picked strawberry, fully ripe, full of juicy appetite, exquisite in every way? Plant factories, grow lights, vertical farming appliances, and robots that make them possible are poised to change the economics of food growing.

Robots in general are poised to change every aspect of modern life. Robots are poised to change everything, what we eat, how we eat it, what we drive, how we drive it, what we manufacture, how we manufacture it, and the military, how we defend ourselves.

Robots are set to bring a new industrial revolution more important than anything seen before. Industrial robots perform repetitive tasks efficiently, they do not eat, they do not make mistakes, they do not get tired, they do what they are told, they work 24 hours per day 7 days a week. Manufacturing plants are frequently long aisles of nothing but robots, no human in sight.

Beyond industrial robots that repeat actions, more intelligent robots loaded with sensors are able to automate process using processors and cameras to control action. Use of microprocessors provides a measure of intelligent control over the activity of the robot based on input from the sensors and the cameras.

Tablet apps are congruent technology for all robots, adding platform functionality and providing basic platform controls. There is the potential for standardization so the robotic platforms are congruent, but that has not happened yet. Companies with a presence in tablet markets are poised to benefit enormously from the growth of robot markets. The app software provides a universal mechanism that will permit flexible response to changing market conditions.

According to Susan Eustis, lead author of the WinterGreen Research team that prepared the study, "The opportunity to participate in robotic markets is compelling. This new market is evolving as new automated process based on breakthroughs and innovation in technology is expressed in robotic platforms. Microprocessor technology, optics, cameras, nanotechnology, new materials, thin film batteries, and sensors are among the technologies being put to use in innovative ways in robots. The ability to apply any technology from any company is phenomenal...

Consideration of Robot Market Forecasts indicates that markets at \$53 billion will reach \$171.7 billion by 2020. Growth comes as every industry achieves efficiency by

automating process robotically. Robots are unique because they can perform multiple steps without human intervention and they can adapt to different conditions and different types of devices to be manipulated. The sensors and the cameras in the robots make them flexible.

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