Programmable Robots Market by Component (Hardware and Software), Application, and Geography - Global Forecast to 2020

Description:
"Programmable Robots Market by Component (Hardware and Software), Application (Education & Research and Hobbyist and Entertainment), and Geography (North America, Europe, Asia-Pacific and RoW) - Global Forecast to 2020"

Programmable robot is an automatic device that performs functions normally ascribed though programs or remote control. These can range from remote-controlled to PC-controlled robots and also from simple wheeled robots to complex robots such as humanoids. These robots help in understanding and conceptualizing the theories involved in designing and operating a robot and also help to program the robot using simple virtual programming languages such C, C++, Java, and others, helping consumers to have a structured thinking towards problem solving. The major consumers of these robots are students, hobbyists and researchers.

Key Take-Aways:
- Analysis of the programmable robots market which has been segmented based on component, application, and geography.
- The analysis of the market dynamics, based on factors such as key drivers, restraints, opportunities, and challenges that influence the growth of the market, along with the value chain analysis of the programmable robots market.
- Detailed competitive landscape of the key players with an in-depth market share analysis, along with their growth strategies.
- The Porter's five forces framework has been applied for the analysis of the programmable robots market. Illustrative analysis, segmentation, and forecast of the market in the major geographies has been done to provide an overall view of the programmable robots market.
- Detailed profiles of the key companies present in the programmable robots market, along with their growth strategies.

The global market for programmable robots is expected to grow at a CAGR of 14.94% between 2015 and 2020. North America is expected to continue to lead the market and is the hub for several programmable robots vendors. The programmable robots market in Asia-Pacific and RoW regions has been gaining traction and is expected to witness the highest rate of growth during the forecast period. The increasing demand for programmable robots from educational institutions is expected to drive this growth.

This programmable robots market report includes the detailed analysis of market dynamics, Porter's five forces model, value chain, competitive landscape, and market scenario during the forecast period. The report profiles the key players in the programmable robots market with their respective market share analysis. The prominent players profiled in this report are The Lego Group (Denmark), Honda Motor Co., Ltd. (Japan), Aldebaran Robotics SAS (France), Innovation First International, Inc. (U.S.), WowWee Group Limited (Hong Kong), RobotShop, Inc. (Canada), Orbotix, Inc. (U.S.), Bossa Nova Robotics, Inc. (U.S.), RoboBuilder Co., Ltd. (South Korea), Romotive, Inc. (U.S.), Yujin Robot Co., Ltd. (South Korea), and others.

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