Mobile Robots Market by Environment (Aerial, Ground, and Marine), Component (Hardware and Software), Application (Professional Service and Personal Service), and Geography (North America, Europe, Asia-Pacific, and the RoW) - Global Forecast to 2020

Description: Mobile robots are robotic systems which usually have a movable platform to perform various tasks as per the application. These robots are of great help to humans in applications where people cannot go or perform. Many mobile robots, especially in the professional applications have artificial intelligence that helps it achieve mobility mainly through navigation and sensors.

The global mobile robots market was valued at USD 4,438.9 Million in 2014 and it is expected to reach USD 10,605.4 Million by 2020, at an estimated CAGR of 16.31% between 2015 and 2020. The market is expected to be driven by the integration of mobile robots with various technologies, increase in the demand for warehouse automation, and short- to medium-term payback period through 2020. Although the North American market accounted for the maximum market share in 2014, the Asia-Pacific and the RoW markets are expected to witness highest growth rates during the forecast period. The market is however restrained by factors including the high cost of ownership, and safety of mobile robots.

The North American region currently accounts for the highest market share, due to the well-established market and increasing adoption rate of mobile robots in various applications. However, the market is at a nascent stage of growth in the other parts of the world including Asia-Pacific, and RoW. The Asia-Pacific region is expected to witness the highest growth of the market during the forecast period, driven by the rising awareness about the benefits of mobile robots and the escalating demand from defense, manufacturing, healthcare, education, and personal assistance applications.

This report profiles the major players which are active in the mobile robots market. It also comprises the competitive landscape of the main players including the key growth strategies and market share analysis of the same. The key players profiled in the report are iRobot Corporation (U.S.), Kuka AG (Germany), Amazon.Com, Inc. (U.S.), Google, Inc. (U.S.), Bluefin Robotics Corporation (U.S.), Adept Technology, Inc. (U.S.), GeckoSystems Intl. Corp. (U.S.), Northrop Grumman Corporation (U.S.), ECA Group (France), Honda Motor Co., Ltd. (Japan), and others.

Scope of the Report:

This research report categorizes the global mobile robots market; based on environment, component, application, and geography and it also covers the market size forecast of the mobile robots market.

On the basis of Environment:

- The global mobile robots market has been segmented by environment into aerial, ground, and marine.

On the basis of Component:

- The mobile robots market is further segmented into two sub-segments - hardware, and software on the basis of component.

On the basis of application:

- The market for mobile robots has been further split based on application into two sub-segments such as professional service, and personal service.

On the basis of geography:

The mobile robots market has been split in to four regions based on geography: North America, Europe, Asia-Pacific, and ROW. The market in North America includes the U.S., Canada, and Mexico, while Europe is divided into the U.K., Germany, France, and the rest of Europe. The Asia-Pacific market includes China, Japan,
India, and the rest of Asia-Pacific, while RoW has been divided into the Middle East & Africa, and South America.

Target Audience of the Report:

The intended audience for this report includes:

- Mobile robotic products and solutions providers
- Robotics related service providers
- Research organizations and consulting companies
- Mobile robotics related associations, organizations, forums, and alliances
- Government and corporate offices
- Outsourced mobile robotics solutions providers
- Venture capitalists, private equity firms, and startup companies
- Distributors and Traders
- Forums, Alliances, and Associations
- End-users who want to know more about the mobile robotics technology and latest technological developments in the mobile robots market

This report covers the market by environment, component, application, and geography. It also provides a detailed analysis of the current market situation and the market till 2020 by application and sub-categories. It also 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 also covers the key competitors in the mobile robots market with their relative market share, revenues, market growth strategies, and mergers & acquisitions.

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