

# **Autopilot System Market by Platform (Airborne, Land-based, Sea, Subsea), by Component (GPS, Gyros, Actuators, Software), by Application (Commercial, Defense, & Homeland Security), by Geography (North America, Europe, Asia-Pacific, the Middle East, Latin America, & Africa), Do It Yourself Autopilot - Forecasts & Analysis (2014–2020)**

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## **Abstracts**

The global autopilot market is expected to exhibit a robust growth over the next six years. The autopilot system market is estimated to be \$2.86 billion in 2014 and expected to register a CAGR of 6.20% to reach \$4.1 billion by 2020.

The Global Autopilot System Market research report includes the detailed study of the autopilot systems used in a variety of applications segments such as, commercial, defense, and homeland security. This report provides the market analysis of the global autopilot systems market over the next six years (2014-2020). It discusses about the industry, market, and technology trends that are currently prevailing in the autopilot systems market. The global autopilot system market is categorized on the basis of autopilots used in airborne, land, sea, and subsea vehicles, application (commercial, defense, and homeland security), components (GPS, gyros, actuators, software), and geographies. The study briefs the market dynamics in the autopilot systems market with a detailed regional and country-wise analysis of the autopilot products and applications. The report gives insights into regional and technological trends and also provides the market share analyses for major countries.

This report takes into account a wide range of factors and its influence on market dynamics. The report provides market analytics for more than 15 countries in the

regions considered for the report such as Africa, Europe, Asia-Pacific, Latin America, North America and the Middle East. Countries covered in this report are Australia, Brazil, Canada, China, France, Germany, India, Israel, Japan, Russia, Saudi Arabia, South Africa, United Arab Emirates, United Kingdom, and the United States, mapped in this report. The autopilot systems market share is greatest in the U.S. and the U.K. The Asia-Pacific and Latin American countries will prove to be emerging markets for the autopilot systems.

This report will help the stakeholders in this market unlock the business potential and identify the lucrative investment opportunities that the autopilot systems market has to offer.

## MARKET STAKEHOLDERS

Autopilot system suppliers

Autopilot system manufacturers

Autopilot system integrators

Autopilot system service providers

Autopilot system experts

Autopilot system distributors

Autopilot system retailers

Autopilot System software developers

The global autopilot systems market report includes a detailed study of leading companies with respect to their financial analysis, products and services, geographic trends; to provide meticulous competitor analysis. Strategic profiling of the key players in autopilot systems market, along with a comprehensive analysis of their recent developments, investments, and core competencies in each segment has been identified. Primary interviews have been conducted with major industry experts to get insights about this industry. The major industry players include MNM views which provide a SWOT analysis of the companies. The prominent players profiled in this

report are Rockwell Collins (U.S.), Honeywell (U.S.), Genesys Aerosystems (U.S.), Furuno (Japan), Garmin (Switzerland), Micropilot (Canada), Raymarine (U.S.), and DJI (China).

## Key Takeaways

The share of autopilot systems for airborne vehicles accounts to ~ 55%, land-based vehicles ~4%, sea vehicles ~ 27%, and the subsea vehicles ~13% of the global autopilot system market. The autopilot system market in the airborne and maritime applications is expected to show a significant growth over the forecast period

With the increase in autonomy and better compatibility with the other systems, the autopilots will be used to a great extent in long journeys to reduce the human interventions and thus the driver's fatigue

Technological advancements and integration of autopilots with complex systems will drive the demand for autopilots in the commercial and military applications. The Do It Yourself (DIT) autopilots are the open-source platform for building simple autopilots and proves to be an upcoming technological trend for this market

Autopilot systems market is expected to grow in the upcoming years for their amazing applications to provide complex operational handling in the autonomous aerial drones (UAV and Quadcopters). The autopilot systems will be improvised to increase the autonomy function which will further fuel the autopilot market growth

The Asia-Pacific and Latin American countries are investing hugely into autopilots system for unmanned vehicles, which is expected to trigger the autopilot system market.

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## About

The global market research report provides the market analysis for autopilot systems over the next six years (2014 – 2020). It discusses the industry, market, and technology trends that are currently prevailing in the market. The autopilots categorize the global market on the basis of geography, country, and application. These systems have their applications in the land, sea, subsea, and air.

The global Autopilot System market will exhibit a robust growth over the next five years. It is estimated to be \$XX million in 2014 and is expected to register a CAGR of XX % to reach \$ XX million by 2020.

The market is segmented into three categories viz. by application, by technology, and by region. The global market consists of applications in land, sea, subsea and air. The aerial segment consists of manned vehicles such as aircrafts and unmanned vehicles such as UAV. The reports covers the autopilot system market in the sea for surface ships as well as subsea including the submarine and unmanned underwater vehicles (ROV and AUV). The land segment focuses on the unmanned ground vehicles for the study.

This market is driven by the increasing need of aircrafts and unmanned aerial vehicles (UAV) in the aerial applications. The increase in fuel efficiency and reduction in driver fatigue to scrutinize dynamic changes is expected to boost the use of autopilot systems in future. The small UAV comprising of expensive electronics is a significant market over the forecast period.

The need for accuracy in the navigation system, minimization of human intervention and technological advancements in the autopilot systems for monitoring and controlling the trajectory in case of perilous situations to avoid accidents will fuel the market over the next five years. Complexity in integration and communication with other support systems and any inaccuracies in the software are the major challenges faced by this market. The huge maintenance costs and the changing government regulations act as a limitation for the autopilot market.

The Asia-Pacific and European region will prove to be emerging markets for the Autopilot System market. The countries in this region North America holds maximum share in this market.

Raymarine (U.S.), Furuno (Japan), Garmin (Switzerland), TMQ (Australia), Simrad (U.S.), Cobham (U.K.) will be the market leaders that occupy a significant market share for the global market.

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