

Autopilot System - Global Market Outlook (2017-2026)

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Abstracts

According to Statistics MRC, the Global Autopilot System Market is accounted for \$3.11 billion in 2017 and expected to grow at a CAGR of 8.3% to reach \$6.99 billion by 2026. The reduced installation costs, enhanced efficiencies and the rising adoption rates for automation are some of the driving factors in the market. However, the high maintenance costs and the stringent government regulations restrict the market growth. The unmanned aerial vehicles are the recent trends in the market that is generating ample growth opportunities.

Autopilot systems will play a crucial role in the flight management infrastructure. It is a mechanical, electrical or hydraulic system which allows in controlling the aerial vehicle or ships to run with minimal human assistance. This autopilot system stores data from inertial measurement instruments. Further, by using those store data it takes corrective action in order to guide the aerial vehicle. An autopilot system also maintains the orientations of the aerial vehicle or ships by monitoring the related run data. There are three major level of controls used in autopilot system including single axis autopilot control, two axis autopilot controls and three axis autopilot adds controls. The autopilot systems are being used mainly in the navigation sector such as airplanes, ships, and unmanned aerial vehicles and these systems also consume less fuel when compare to a manual operation.

By component, actuator is a type of motor that is used in machines and is accountable for moving and controlling a mechanism. Actuator takes energy as an input that is generated from air, electricity or liquid and is converted into a type of motion. The motions like linear motion, rotary motion or oscillatory motion can be virtually seen in types like blocking, clamping or ejecting. The air cylinder is the most common type of actuator that is powered by air.

Europe region is one of the leading regions for autopilot system and is expected to

observe ample growth during the forecast period. Presence of large number of airline companies and growing adoption of autopilot systems in aircrafts are some of the major factors which are predicated to escalate the growth of autopilot system market in Europe region. Additionally, U.K. has been the major contributor to the growth of European autopilot system market.

Some of the key players in the Global Autopilot Systems market are Bae Systems PLC, Rockwell Collins Inc., Honeywell International Inc., Cloud Cap Technology, Genesys Aerosystems, Micropilot Inc., Lockheed Martin, Garmin Ltd., Airware Inc., Comnav Marine Ltd, Trimble Navigation Limited., Furuno Electric Co. Ltd., Raymarine Uk Ltd, Raytheon Anschutz GmbH, 3D Robotics Inc., Navico Group, Century Flight Systems Inc., TMQ, Electronics International Pty Ltd., DJI Science and Technology Co., Ltd. and Northrop Grumman Sperry Marine B.V.

Components Covered:

Actuator

Software & System Integration

Gyros

Global Positioning System (GPS)

Evolution

Platforms Covered:

Subsea

Land-Based

Sea

Airborne Platform

Aircrafts Covered:

Regional jets

Turboprop

Wide-body

Narrow-body

Applications Covered:

Defence & Homeland Security Application

Commercial Applications

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

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