

High End IMU Market to Reach \$3.12 billion with 4.80% CAGR Forecast to 2020

Global High End IMU Market 2017 Share, Trend, Segmentation and Forecast to 2020

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[/EINPresswire.com/](http://EINPresswire.com/) -- The Global High-end IMU has been estimated to be worth USD 2.47 billion in 2015, and is forecasted to grow at a CAGR of 4.80% over the reporting period (2015-2020) to reach USD 3.12 billion in 2020. High-end IMU's can be defined as integrated sensor packages that work within an inertial frame of reference using a combination of accelerometers, gyroscopes and magnetometers (occasionally). They are primarily used for the detection of inertial movements, by making use of angular rate and accelerator sensors. Over the course of evolution, IMU's were found to work effectively with other systems like GPS or RF, as these systems can account for errors and provide better levels of performance for end systems.

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The high-end IMU market can be characterized as highly dynamic with a strong emphasis on achieving robust performance over a wide range of applications. Defence and aerospace applications have been the traditional strongholds in this market. However, industrial and land transportation applications are expected to record high growth rates during the forecast period.

The High-end IMU market is broadly segmented into industrial, defence, aerospace & land sectors based on bias stability, which provides a measure of the inertial system's stability over a specified period of time. Defence applications have the highest bias stability in the range of 0.0001-0.01 °/h, followed by aerospace applications (0.01-1°/h).In 2015, defence sector was expected to lead the market with an overall contribution of 34.21%, followed by aerospace and land applications. This report offers detailed regional analysis of major markets like North America, Europe, Asia-Pacific among other regions. North America was estimated to record the highest market share with 37.12% followed by Europe with 30.85% in 2015.

The report also considers key trends that will impact the industry and key profiles of leading suppliers of Global High-end inertial systems Market. Some of the top companies mentioned in the report are Honeywell Aerospace, Bosch Sensortec GmbH, Analog Devices Inc., Thales Group, Northrop Grumman Corporation, Rockwell Collins Inc. and others.

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Key points in table of content



1. Introduction
 - 1.1 Study Deliverables
 - 1.2 Study Assumptions
 - 1.3 Market Definition
2. Research Methodology
3. Executive Summary
4. Market Dynamics
 - 4.1 Market Overview
 - 4.2 Drivers
 - 4.3 Restraints
 - 4.4 Industry Attractiveness Analysis – Porter’s Five Forces Model
5. Technology Snapshot
6. Global High-End Inertial Measurement Units (IMU) – Market Segmentation (Market Size & Forecasts)
 - 6.1 Market Segmentation by End- User Application – Overview
 - 6.1.1 Industrial
 - 6.1.2 Defence
 - 6.1.3 Aerospace
 - 6.1.4 Land
 - 6.2 Market Segmentation by Region – Overview
 - 6.2.1 North America
 - 6.2.2 Europe
 - 6.2.3 Asia-Pacific
 - 6.2.4 Rest of the World
7. Competitive Landscape
 - 7.1 Investment Outlook
 - 7.2 Recent Mergers & Acquisitions
8. Future Outlook of High-End Inertial Systems Market

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