

Sensor Fusion - Global Market Outlook (2017-2023)

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Abstracts

According to Statistics MRC, the Global Sensor Fusion Market is accounted for \$1.77 billion in 2016 and expected to grow at a CAGR of 23.7% to reach \$7.85 billion by 2023. The increasing demand for integrated sensors in smart phones, miniaturization in electronics, demand for advanced driver assistance systems (ADAS) are boosting the market growth. Lack of Standardization in Mems & Sensor Fusion Systems and complexity of sensor fusion algorithms are hampering the market growth. Moreover, sensor fusion applications using context awareness systems & IOT and growing demand for wearable devices are providing ample opportunity.

Based on technology, Non-MEMS technology based solutions are widely adopted due to increasing demand for image and radar based products in automotive safety systems. The development of Solid-State Hybrid Lidar (SH Lidar) was a breakthrough from the traditional mechanical mechanism of single Lidar technology.

North America dominated the market due to presence of automotive players and growing technological advancement in MEMS industry. However, Asia-Pacific is expected to grow at high rate during the forecast period owing to high demand from consumer electronics arising from emerging countries including India, China, Singapore, and Malaysia others.

Some of the key players in Global Sensor Fusion market are Analog Device Inc., Asahi Kasei Microdevices Corp., Baselabs GmbH, Cummins Inc., Hillcrest Labs., Invensense, Inc, Kionix Inc., MEMSIC Inc., Microchip Technologies Inc., NXP Semiconductors N.V., Qualcomm, Renesas Electronic Corporation, Robert Bosch GmbH, Senion and STMicroelectronics.

Sensors Covered:

Capacitive Sensors

Pressure Sensors

Accelerometer

Temperature Sensors

Radar Sensors

Touch Sensors

Image Sensors

Other Sensors

Technologies Covered:

Non-Micro-Electro-Mechanical Systems (MEMS)

Micro-Electro-Mechanical Systems (MEMS)

Applications Covered:

Consumer electronics

Medical

Military

Automotive

Industrial

Home Automation

Other 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 7 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

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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Note: North America, Europe, Asia Pacific, South America and Middle East & Africa are represented in above manner.

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