

Military and Defense Sensor Market By Platform (Land, Naval, Airborne), By Component (Software, Hardware), By Application (Combat Operations, Target Recognition, Electronic Warfare, Communication and Navigation, Command and Control, Surveillance and Monitoring, Intelligence and Reconnaissance): Global Opportunity Analysis and Industry Forecast, 2021-2031

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Report description:

The market for military and defense sensors is expanding significantly due to rising purchases of defense systems by militaries around the world. A weapon, aircraft, or electronic device's military and defense sensors are a subsystem that detects changes in its environment or scans it to acquire data. The data is subsequently transmitted to another electronic system, often a computer processor, for processing and data analysis. For navigation, weapon control, active guidance, target tracking, and environmental awareness, military and defense sensors are employed in missiles, battle, airplanes, and radars among other systems. Fog, smoke, and dust can also be detected using sensors like electro-optical and others.

Moreover, factors such as emerging applications of radar in remote sensing, rise in defense expenditure globally, and rise in adoption of sensors in wearable devices drive the growth of the military and defense sensor market. However, incorporation of sensors in devices incurs extra value and reduces life of device, and policies on development and transfer of weapon system or related technology are anticipated to hamper the growth of the military and defense sensor market. Further, surge in military modernization programs, and high demand for autonomous security and surveillance systems are expected to create numerous opportunities for military and defense sensor market expansion. The military and defense sensor market are segmented on the basis of platform, component, application, and region. By platform, it is divided into land, naval, and airborne. By component, it is classified into software, and hardware.

By application, it is categorized into combat operations, target recognition, electronic warfare, communication and navigation, command and control, surveillance and monitoring, and intelligence and reconnaissance. By region, it is analyzed across North

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America, Europe, Asia-Pacific, and LAMEA.

Thales Group, BAE Systems plc., Raytheon Company, Curtiss-Wright Corporation, Honeywell International Inc., Esterline Technologies Corporation, Kongsberg Gruppen ASA, TE Connectivity Ltd., Lockheed Martin Corporation, and Rockwell Solutions are some of the significant businesses profiled in the military and defense sensor market share.

Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the military and defense sensor market analysis from 2021 to 2031 to identify the prevailing military and defense sensor market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the military and defense sensor market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global military and defense sensor market trends, key players, market segments, application areas, and market growth strategies.

Key Market Segments

By Application

- Combat Operations
- Target Recognition
- Electronic Warfare
- Communication and Navigation
- Command and Control
- Surveillance and Monitoring
- Intelligence and Reconnaissance

By Platform

- Land
- Naval
- Airborne

By Component

- Software
- Hardware

By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- UK
- Russia
- France
- Germany
- Rest of Europe
- Asia-Pacific
- China

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- India
- Japan
- South Korea
- Rest of Asia-Pacific
- LAMEA
- Latin America
- Middle East
- Africa
- Key Market Players
- Honeywell International Inc.
- TE Connectivity Ltd.
- Lockheed Martin Corporation
- BAE Systems plc
- Curtiss-Wright Corporation
- Thales Group
- Raytheon Technologies Corporation
- Transdigm Group, Inc.
- KONGSBERG
- Rock West Solutions

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