

Military and Defense Sensor Market by Growth, Emerging Trends and Forecast by 2022-2031

Based on region, North America held the largest share in 2021, contributing to nearly half of the global military and defense sensor market share.

WILMINGTON, DE, UNITED STATES, October 10, 2025 /EINPresswire.com/ -- The global [military and defense sensor market size](#) garnered \$8.26 billion in 2021 and is estimated to generate \$14.43 billion by 2031, manifesting a CAGR of 5.79% from 2022 to 2031.

The report provides an extensive analysis of changing market dynamics, major segments, value chains, competitive scenarios, and regional landscapes. This research offers valuable guidance to leading players, investors, shareholders, and startups in devising strategies for sustainable growth and gaining a competitive edge in the market.

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The market for military and defense sensors is rapidly growing as a result of militaries all over the world making more purchases of defensive systems. The military and defense sensors of a weapon, aircraft, or electronic gadget are subsystems that notice changes in its environment or scans it to obtain information. Once processed and analyzed, the data is sent to another electrical system, usually a computer processor. Military and defense sensors are employed in missiles, warfare, aircraft, and radars among other systems for navigation, weapon control, active guidance, target tracking, and environmental awareness. Electro-optical sensors can also be used to detect dust, smoke, and fog.

For instance, in June 2022, the Canadian Armed Forces (CAF) and the Department of National Defense (DND) are looking for creative ways to safeguard and monitor CAF permanent ground-



MILITARY AND DEFENSE SENSOR MARKET

OPPORTUNITIES AND FORECAST, 2021 - 2031

Military and defense sensor market is expected to reach **\$14.4 Billion** in 2031

Growing at a **CAGR of 5.8%** (2022-2031)

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Military and Defense Sensor

based assets that are operating remotely in the Arctic. Additionally, the Canadian government has allocated \$1.2 million for research and development. Partnership of leading organizations in the field of military and defense sensor technology, propel the military and defense sensors market growth in this region. Moreover, Mexico is witnessing considerable growth in the electronics industry. Currently, it is the second largest supplier of electronic products to the U.S. market. The electronics industry that focuses on manufacturing of audio and video devices, telecommunications, and computer equipment & its parts is one of the fastest growing industrial sectors in Mexico.

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Covid-19 Scenario:

The outbreak of the COVID-19 pandemic hurt the growth of the global military and defense sensor market, owing to the implementation of global lockdown which resulted to hamper the industry.

Curfew practices globally affected the domestic as well as international production of military and defense sensors, which, in turn, hampered the growth of the overall market.

Supply chain was disrupted due to import & export restrictions. Manufacturers faced a shortage of labor and unavailability of raw materials.

The military and defense sensor market has a high scope of growth opportunities in the future due to factors such as high demand for army vehicles equipped with safety features, and greater adoption of automatic driver assistance systems.

The research provides detailed segmentation of the global military and defense sensor market based on platform, component, application, and region. The report discusses segments and their sub-segments in detail with the help of tables and figures. Market players and investors can strategize according to the highest revenue-generating and fastest-growing segments mentioned in the report.

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Based on region, North America held the largest share in 2021, contributing to nearly half of the global military and defense sensor market share, and Europe is projected to grow with the highest CAGR during the forecast period. In addition, the Asia-Pacific region is expected to manifest a significant CAGR of 6.94% during the forecast period.

Leading market players of the global military and defense sensor market analyzed in the research include 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.

The report provides a detailed analysis of these key players in the global [military and defense sensor industry](#). These players have adopted different strategies such as new product launches, collaborations, expansion, joint ventures, agreements, and others to increase their market share and maintain dominant shares in different regions. The report is valuable in highlighting business performance, operating segments, product portfolio, and strategic moves of market players to showcase the competitive scenario.

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