

Military Sensors Software Market Analysis, Growth Opportunities, Future Demand And Leading Players Updates By 2020-2027

Military Sensors Software market key drivers, restraints, and opportunities along with detailed analysis of the global market share by 2027.

PORTLAND, ORAGON, UNITED STATES, January 7, 2022 /EINPresswire.com/ -- <u>Military Sensors</u> <u>Software Market</u> Outlook – 2027

The global military sensors software market is experiencing a significant growth due to increased procurement of defense systems by militaries globally. Military sensors are subsystem of a weapon, aircraft, or an electronic device that detects change in its surrounding or scans its environment to gather information. The collected information is then relayed to other electronic system, normally to a computer processor for processing and analyzing data. Military sensors are used in missiles, combat, aircrafts, and radars among a variety of system for navigation, weapon control, active guidance, target tracking, and environmental awareness. Moreover, sensors such as electro-optical sensors can be used to detect fog, smoke, and dust.

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The key players analyzed in the report 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 Rockwest Solutions.

COVID-19 scenario analysis:

Government initiative of lockdown to slow the spread if COVID-19 has impacted the military sensor software developers due to workforce shortage.

Sensor manufacturers are witnessing lack of components supply, necessary for development & manufacturing of military sensors, due to supply chain disruption caused by COVID-19.

Defense contractors relying on international workforce are facing short term operational issues,

due to government-imposed restrictions on travel to control the COVID-19 outbreak.

Defense agencies are forced to delay on-going projects as well as research & development in order to comply with the lockdown imposed by authorities.

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Top impacting factors: market scenario analysis, trends, drivers and impact analysis

Surge in military modernization programs, increase in demand for armored vehicles, and rise in adoption of unmanned vehicles such as UAVs are the factors that drive the global military sensors software market. However, policies on development & transfer of weapon system or related technology may hinder the market growth. On the contrary, development of internet of things (IoT), micro-electro chemical system (miniature mechanical & electronics integrated device), and AI present new pathways in the industry.

The global military sensors software market trends are as follows:

Surge in military modernization programs

Militaries are investing in next-generation sensors to upgrade existing weapon systems and aircrafts. For instance, in December 2019, Pentagon (US Department of Defense headquarters) & Lockheed Martin signed a contract of 99,000,000 USD with Raytheon to integrate Raytheon's next generation electro-optical distributed aperture system (DAS) into all variants of F-35 (an American stealth multirole combat aircraft) over the next two years. DAS is an awareness system providing 360-degree coverage for missile detection, aircraft tracking, fire control capability, and night vision among many other features. Such substantial investments in sensor upgrades to modernize military is expected to boost global military sensors market.

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Rise in adoption of unmanned vehicles such as UAVs

Defense agencies are focusing on unmanned vehicles to reduce operation cost and increase operability is harsh terrains. Recently, in 2019, US Defense Advanced Research Projects Agency (DARPA) awarded Lockheed Martin a 12,300,000 USD contract to develop a long range, long duration, and payload capable unmanned underwater vehicle (UUV). Moreover, unmanned vehicles (UVs) or drones utilize state-of-art sensors such as ultrasonic fuel flow sensor, capacitive fuel level sensor, and light detection and ranging (LiDAR) sensors. Hence, the development of

state-of-art sensors for unmanned vehicles and increased demand for drones will be driving the global military sensors market.

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