

Defense Geospatial Market Size Worth \$367.4 Billion by 2032 With CAGR of 11.4%

Defense Geospatial Market by Technology, by Type, by Application : Global Opportunity Analysis and Industry Forecast, 2022 - 2032.

WILMINGTON, DE, UNITED STATES, October 14, 2025 /EINPresswire.com/ -- The global [defense geospatial market size](#) was valued at \$126.4 billion in 2022, and is projected to reach \$367.40 billion by 2032, registering a CAGR of 11.4% from 2023 to 2032.



The global defense geospatial system Market is driven by factors such as demand of reconnaissance, and surveillance, and Integration with other systems. However, high cost and lack of accessibility, and concern of data privacy and protection are hampering the growth of the defense geospatial system Market. On the contrary, AI combined with geospatial system, and use of AR and VR in defense Geospatial system is expected to offer remunerative opportunities for the expansion of the defense geospatial system market during the forecast period.

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Owing to demand of reconnaissance, and surveillance activities across the globe. In addition, the key players operating in the industry are upgrading the current defense geospatial systems and integrating geospatial systems with the other existing systems which helps with the overall growth of the market across the globe. By technology type, the remote sensing segment dominated the market in 2022, in terms of revenue. By application, intelligence gathering dominated the market in 2022, in terms of revenue. Presently, North America is the highest revenue contributor and is expected to lead the market during the forecast period, followed by Asia-Pacific.

Geospatial technology is increasingly important in national security issues, as individuals working in the defense sector can benefit from data exchange. As social media and other platforms create massive amounts of data every second, government agencies may now utilize GIS as a

tool to evaluate data and generate meaningful insights. Defense intelligence employs geographic information systems (GIS) to track important data on hotspots and establish preventive actions for future risks to national security and public safety.

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The technology where numerous instruments and techniques are used for the collection, processing, and interpretation of geospatial data is known as geospatial technology. Geospatial technology in defense is used for various purposes including monitoring international boundary. For instance, the Russia-Ukraine war, increased the necessity for reconnaissance and surveillance in defense geospatial operations. Nations all around the world are investing in defense and security systems as a result of the Russia-Ukraine conflict, which has made the global security scene complex and turbulent. Nations are creating and investing in systems capable of providing accurate and timely intelligence. Geospatial systems play a vital role in military operations by providing accurate and exact information on geography, prospective enemy threats, and enemy activities both within and beyond the national border.

Moreover, the market is witnessing suitable growth in recent years, owing to the Russia-Ukraine conflict and the rise in surveillance and reconnaissance. Moreover, the key manufacturers operating in the industry have been inclined towards designing and developing systems which can provide geospatial information for defense and security purposes. For instance, In January 2023, the U.S. Air Force is looking for information on commercial equipment that could be utilized to improve communications and construct the Advanced Battle Management System. The technology enables the United States Air Force to acquire precise information and provide accurate insights into its operations. Similarly The UK's Ministry of Defense (MOD) signed a new Enterprise Agreement with Esri UK worth \$48.0 million in June 2023 to help Armed Forces personnel access vital information in any situation, on any network, and on any device. During the following three years, this contract will assist the MOD's digitalization journey in achieving and maintaining crucial information, as well as reducing decision-making procedures. Such developments offer opportunities for the market across the globe.

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Based on region, North America held the highest market share in terms of revenue in 2022, accounting for more than one-third of the global defense geospatial system market revenue, however LAMEA region and is estimated to gain market domination in the forecasting period with growing CAGR of 13.2%. The domination of North America region is due to the presence of major geospatial companies in the region. Whereas in LAMEA region defense geospatial technology is widely used in military planning, surveillance, and information gathering. One of the prime examples is Israel's IDF or Israel defense forces which utilizes IDF collects data using signal intelligence, geographical intelligence, and visual intelligence among the others.

Leading Market Players: -

Airbus
BlackSky
NV5 Global, Inc.
Hexagon AB
Environmental Systems Research Institute, Inc. (ESRI)
Trimble Inc.
Maxar Technologies ON Semiconductors
MapLarge
Orbital Insight
TerraGo

The report provides a detailed analysis of these key players of the global [defense geospatial 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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David Correa
Allied Market Research
+ + + + +1 800-792-5285
[email us here](#)

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