

# Defense Geospatial Market Analysis, Swot Profile, Current Developments, Strategies To Boost Industry Growth 2032

*The global market is experiencing growth due to a demand of reconnaissance and surveillance, and Integration with other systems in the defense industry*

WILMINGTON, DE, UNITED STATES, July 14, 2025 /EINPresswire.com/ -- [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.



Geospatial technology is playing an increasingly vital role in national security, offering significant benefits to defense personnel through enhanced data sharing and analysis. With the continuous flow of massive data from social media and other digital platforms, government agencies are now leveraging Geographic Information Systems (GIS) to extract actionable intelligence and gain strategic insights. In defense intelligence, GIS is utilized to monitor high-risk areas, track critical information, and develop proactive strategies to mitigate potential threats to national security and public safety.

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The growth of the global defense geospatial market is being propelled by the rising demand for reconnaissance and surveillance, along with the integration of geospatial systems with other defense technologies. However, challenges such as high implementation costs, limited accessibility, and concerns regarding data privacy and protection are restraining market expansion. Despite these obstacles, the integration of artificial intelligence (AI) with geospatial systems, as well as the use of augmented reality (AR) and virtual reality (VR) in defense applications, is expected to unlock promising opportunities for market growth in the coming years.

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.

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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.

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 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.

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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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