

Global Defense Geospatial Market Size Study, by Technology (Geographic Information System, Global Positioning System, Remote Sensing), by Type (Surface Analysis, Network Analysis, Geo Visualization), by Application (Military Logistics, Intelligence Gathering, Battlefield Management) and Regional Forecasts 2022-2032

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Abstracts

Global Defense Geospatial Market is valued at approximately USD 113.46 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 11.6% over the forecast period 2024-2032. Geospatial technology encompasses various technologies used for geographic mapping and analysis of the earth's surface and human societies. This technology includes Geographic Information System (GIS), Remote Sensing (RS), and Global Positioning System (GPS), which utilize satellites and other aerial objects for capturing images of the earth's surface and human activities.

The market's growth is driven by the escalating demand for reconnaissance and surveillance, alongside the integration of geospatial systems with other defense systems. The defense sector extensively employs geospatial systems for espionage and situational awareness, providing detailed information about terrain, weather, and enemy locations to aid in efficient mission execution. These systems also provide simulation environments to train and prepare, improving the safety and success rates of missions. Integrating geospatial technology in defense enhances information reliability, thereby improving mission effectiveness. According to a report by the Stockholm International Peace Research Institute (SIPRI), global military spending reached \$2.24 trillion in 2022, marking a 3.7% increase from the previous year. A significant portion of this spending is directed toward enhancing intelligence, surveillance, and

reconnaissance (ISR) capabilities, as nations seek to bolster their situational awareness and threat detection abilities. Moreover, advancements in AI and VR in defense geospatial systems present lucrative opportunities for market players. The combination of AI with geospatial technology is set to revolutionize defense operations, providing enhanced situational awareness, decision-making, and operational capabilities. However, the high costs, accessibility issues, and data privacy concerns pose significant challenges.

The key regions considered for the Global Defense Geospatial Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is a dominating region in the Global Defense Geospatial Market in terms of revenue. The market growth in the region is being attributed to factors including the significant investments made by the United States in defense technologies and geospatial intelligence. The U.S. Department of Defense is a major contributor to the market, with a substantial budget allocated for intelligence, surveillance, and reconnaissance (ISR) capabilities. The presence of leading defense companies and advanced technological infrastructure further solidifies North America's dominant position in the market. Whereas, the market in Asia Pacific is anticipated to grow at the fastest rate over the forecast period fueled by increasing military expenditures and geopolitical tensions in countries such as China, India, and Japan, which are investing heavily in enhancing their defense capabilities. The rise in regional conflicts and the need for effective border security and situational awareness are propelling the demand for geospatial intelligence in the Asia-Pacific region, making it a key area for future growth in the defense geospatial market.

Major Market Players Included in this Report:

Environmental Systems Research Institute, Inc. (ESRI)

Trimble Inc.

Maxar Technologies

MapLarge

Orbital Insight

Hexagon AB

TerraGo

Airbus

BlackSky

NV5 Global, Inc.

Raytheon Technologies Corporation

BAE Systems plc

Thales Group
L3Harris Technologies, Inc.
Lockheed Martin Corporation

The Detailed Segments and Sub-segment of the Market are Explained Below:

By Technology:

Geographic Information System (GIS)
Global Positioning System (GPS)
Remote Sensing

By Type:

Surface Analysis
Network Analysis
Geo Visualization

By Application:

Military Logistics
Intelligence Gathering
Battlefield Management

By Region:

North America:
U.S.
Canada

Europe:

UK
Germany
France
Spain
Italy
ROE

Asia Pacific:

China
India
Japan
Australia
South Korea

RoAPAC

Latin America:

Brazil

Mexico

Rest of Latin America

Middle East & Africa:

Saudi Arabia

South Africa

RoMEA

Years Considered for the Study:

Historical year: 2022

Base year: 2023

Forecast period: 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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