# Global Geospatial Intelligence Market Size Study & Forecast, by GeoAI (Agentic GIS, Model Catalogs), Geospatial Analytics (Traditional GIS Solutions, Location Intelligence, Data Processing & ETL), Acquisition Systems (PNT, GNSS), Technology (Raster, Imagery Analytics), By Type (Surface & Field Analytics, Network & Location Analytics, Geovisualization, Others), By Application (Surveying, Medicine & Public Safety, Military Intelligence, Disaster Risk Reduction & Management, Marketing Management, Climate Change Adaptation (CCA)), Urban Planning, Others), and Regional Forecasts 2025-2035

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## Abstracts

The Global Geospatial Intelligence Market is valued at approximately USD 33.42 billion in 2025 and is projected to expand at a robust compound annual growth rate of 11.10% throughout the forecast period from 2025 to 2035, supported by historical data from 2023 and 2025, with 2025 serving as the base year for estimation. Geospatial intelligence refers to the integrated use of spatial data, advanced analytics, artificial intelligence, and visualization technologies to interpret location-based patterns, behaviors, and risks. By weaving together satellite imagery, positioning data, spatial analytics, and AI-driven insights, geospatial intelligence empowers enterprises and governments to act on complex spatial realities with speed and precision. The market's expansion is being carried forward by rapid digitization across industries, rising adoption

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of location-based services, and the growing need for real-time situational awareness in sectors ranging from defense and urban planning to logistics, utilities, and climate monitoring.

As organizations scale up their digital transformation agendas, geospatial intelligence is increasingly being leaned on to stitch together fragmented datasets and turn them into decision-grade intelligence. The proliferation of smart cities, autonomous systems, connected infrastructure, and precision agriculture has pushed enterprises to double down on spatial intelligence platforms that can process massive volumes of raster data, high-resolution imagery, and GNSS signals. At the same time, advancements in GeoAI—particularly agentic GIS frameworks and reusable model catalogs—are opening new pathways for automation, predictive modeling, and scenario simulation. While data privacy concerns, interoperability challenges, and the high cost of advanced acquisition systems continue to weigh on adoption in certain regions, sustained investments in cloud-native GIS, AI accelerators, and open geospatial standards are steadily ironing out these frictions, keeping market momentum firmly intact.

**The detailed segments and sub-segments included in the report are:**

By Solution Type:

- GeoAI
  - Agentic GIS
  - Model Catalogs
- Geospatial Analytics
  - Traditional GIS Solutions
  - Location Intelligence
  - Data Processing & ETL
- Acquisition Systems
  - PNT

GNSS

By Technology:

Raster

Imagery Analytics

By Type:

Surface & Field Analytics

Network & Location Analytics

Geovisualization

Others

By Application:

Surveying

Medicine & Public Safety

Military Intelligence

Disaster Risk Reduction & Management

Marketing Management

Climate Change Adaptation (CCA)

Urban Planning

Others

By Region:

North America

- U.S.
- Canada

Europe

- UK
- Germany
- France
- Italy
- Spain
- Rest of Europe

Asia Pacific

- China
- India
- Japan
- Australia
- South Korea
- Rest of Asia Pacific

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Latin America

- Brazil
- Mexico

Middle East & Africa

- UAE
- Saudi Arabia
- South Africa
- Rest of Middle East & Africa

Geospatial Analytics is expected to dominate the market over the forecast horizon, accounting for the largest share of global demand. Enterprises across both public and private sectors are increasingly relying on traditional GIS platforms, location intelligence tools, and advanced ETL pipelines to fuse spatial data with enterprise systems. This segment's dominance is being reinforced by its critical role in urban development, supply chain optimization, risk assessment, and infrastructure management. As organizations seek to operationalize spatial data at scale, geospatial analytics continues to be the backbone that ties together raw data acquisition with actionable intelligence, ensuring its position as the market's most widely adopted solution category.

From a revenue standpoint, GeoAI currently leads the market, driven by its ability to layer artificial intelligence, machine learning, and automation on top of conventional GIS workflows. Agentic GIS systems that can autonomously analyze spatial patterns and model future outcomes are increasingly being rolled out across defense, environmental monitoring, and enterprise intelligence use cases. Meanwhile, model catalogs are enabling faster deployment of pre-trained spatial models, reducing development cycles and accelerating time to insight. Although acquisition systems such as GNSS and PNT remain fundamental to data accuracy, and imagery analytics continues to gain traction with the rise of earth observation programs, GeoAI stands out as the most lucrative segment due to its premium pricing, high-value applications, and strong enterprise demand.

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North America commands a leading position in the Global Geospatial Intelligence Market, underpinned by a mature technology ecosystem, heavy defense and homeland security spending, and early adoption of AI-enabled spatial platforms. The presence of major GIS vendors, cloud service providers, and satellite data companies further cements the region's dominance. Europe follows closely, supported by strong regulatory frameworks, smart city initiatives, and investments in environmental monitoring and infrastructure resilience. Asia Pacific is expected to emerge as the fastest-growing regional market during the forecast period, as rapid urbanization, expanding digital infrastructure, and government-backed geospatial programs in China, India, and Southeast Asia significantly ramp up demand. Latin America and the Middle East & Africa are also gaining ground, as investments in resource management, border security, and disaster preparedness continue to gather pace.

**Major market players included in this report are:**

- Hexagon AB
- Esri
- Airbus Defence and Space
- Maxar Technologies
- Trimble Inc.
- Planet Labs PBC
- Google LLC
- Microsoft Corporation
- IBM Corporation
- NVIDIA Corporation
- Oracle Corporation
- HERE Technologies

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TomTom International BV

Palantir Technologies Inc.

Thales Group

**Global Geospatial Intelligence Market Report Scope:**

Historical Data – 2023, 2025

Base Year for Estimation – 2025

Forecast period - 2025-2035

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent to up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define the market sizes of different segments and countries in recent years and to forecast their values over the coming decade. The report has been structured to blend qualitative insights with quantitative rigor, offering a holistic view of the geospatial intelligence ecosystem across the regions analyzed. It dives deep into the market's key growth drivers, constraints, and emerging opportunities, while also mapping out the competitive landscape and product portfolios of leading players. By shedding light on micro-market trends and strategic inflection points, the study equips stakeholders with actionable intelligence to refine investment decisions and long-term market strategies.

**Key Takeaways:**

Market estimates and forecasts for 10 years from 2025 to 2035.

Annualized revenues and regional-level analysis for each market segment.

In-depth geographical analysis with country-level insights across major regions.

Comprehensive competitive landscape profiling leading market participants.

Strategic analysis of key business initiatives and future market approaches.

Assessment of the competitive structure and industry dynamics.

Demand-side and supply-side analysis of the global market.

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## Contents

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## CHAPTER 10. COMPETITIVE INTELLIGENCE

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