

Geographic Information System Software Market Size, Share, and Outlook, 2025 Report- By Type (Desktop GIS, Server GIS, Developer GIS, Mobile GIS, Others), By Application (Mapping, Road inspection, Real Estate, Land Control, Disease Spreading Management, Business Information), By Function (Mapping, Surveying, Telematics and Navigation, Location-Based Services), By Component (Hardware, Software), 2018-2032

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Abstracts

Geographic Information System Software Market Outlook

The Geographic Information System Software Market size is expected to register a growth rate of 9.2% during the forecast period from \$2.43 Billion in 2025 to \$4.5 Billion in 2032. The Geographic Information System Software market is a thriving business that is poised to keep growing and presents potential growth opportunities for companies across the industry value chain.

The comprehensive market research report presents 12-year historic and forecast data on Geographic Information System Software segments across 22 countries from 2021 to 2032. Key segments in the report include By Type (Desktop GIS, Server GIS, Developer GIS, Mobile GIS, Others), By Application (Mapping, Road inspection, Real Estate, Land Control, Disease Spreading Management, Business Information), By Function (Mapping, Surveying, Telematics and Navigation, Location-Based Services), By Component (Hardware, Software). Over 70 tables and charts showcase findings from our latest survey report on Geographic Information System Software markets.

Geographic Information System Software Market Insights, 2025

The geographic information system (GIS) software market is expanding as businesses, governments, and research institutions increasingly rely on spatial data analytics for decision-making. GIS software, developed by companies like Esri, Hexagon, and Trimble, enables mapping, geospatial analysis, and real-time location intelligence for applications in urban planning, disaster management, logistics, and environmental monitoring. The adoption of cloud-based GIS platforms and AI-powered geospatial analytics is revolutionizing industries by providing predictive insights for infrastructure development, climate modeling, and smart city planning. Additionally, the integration of GIS with IoT and drone technology is enhancing data collection capabilities, allowing for high-resolution terrain mapping and automated asset tracking. Governments are leveraging GIS software for policy-making, emergency response planning, and natural resource management, further driving market growth. As location-based intelligence becomes a core component of digital transformation strategies, GIS software is expected to play an even larger role in shaping data-driven decision-making across multiple industries.

Five Trends that will define global Geographic Information System Software market in 2025 and Beyond

A closer look at the multi-million market for Geographic Information System Software identifies rapidly shifting consumer preferences across categories. By focusing on growth and resilience, leading Geographic Information System Software companies are prioritizing their investments across categories, markets, and geographies. The report analyses the most important market trends shaping the new landscape to support better decisions for the long and short-term future. The impact of tariffs by the US administration also significantly impact the profitability of Geographic Information System Software vendors.

What are the biggest opportunities for growth in the Geographic Information System Software industry?

The Geographic Information System Software sector demonstrated remarkable resilience over the past year across developed and developing economies. Further, the market presents significant opportunities to leverage the existing momentum towards actions by 2032. On the other hand, recent macroeconomic developments including rising inflation and supply chain disruptions are putting pressure on companies. The

chapter assists users to identify growth avenues and address business challenges to make informed commercial decisions with unique insights, data forecasts, and in-depth market analyses.

Geographic Information System Software Market Segment Insights

The Geographic Information System Software industry presents strong offers across categories. The analytical report offers forecasts of Geographic Information System Software industry performance across segments and countries. Key segments in the industry include%li%By Type (Desktop GIS, Server GIS, Developer GIS, Mobile GIS, Others), By Application (Mapping, Road inspection, Real Estate, Land Control, Disease Spreading Management, Business Information), By Function (Mapping, Surveying, Telematics and Navigation, Location-Based Services), By Component (Hardware, Software). The largest types, applications, and sales channels, fastest growing segments, and the key factors driving each of the categories are included in the report.

Forecasts of each segment across five regions are provided from 2021 through 2032 for Asia Pacific, North America, Europe, South America, Middle East, and African regions. In addition, Geographic Information System Software market size outlook is provided for 22 countries across these regions.

Market Value Chain

The chapter identifies potential companies and their operations across the global Geographic Information System Software industry ecosystem. It assists decision-makers in evaluating global Geographic Information System Software market fundamentals, market dynamics, and disruptive trends across the value chain segments.

Scenario Analysis and Forecasts

Strategic decision-making in the Geographic Information System Software industry is multi-faceted with the increased need for planning across scenarios. The report provides forecasts across three case scenarios%li%low growth, reference case, and high growth cases.

Asia Pacific Geographic Information System Software Market Analysis%li%A Promising Growth Arena for Business Expansion

As companies increasingly expand across promising Asia Pacific markets with over 4.5 billion population, the medium-to-long-term future remains robust. The presence of the fastest-growing economies such as China, India, Thailand, Indonesia, and Vietnam coupled with strengthening middle-class populations and rising disposable incomes drive the market. In particular, China and India are witnessing rapid shifts in consumer purchasing behavior. China is recovering steadily with optimistic forecasts for 2025. Further, Japanese and South Korean markets remain stable with most companies focusing on new product launches and diversification of sales channels.

The State of Europe Geographic Information System Software Industry 2025%li%Focus on Accelerating Competitiveness

As companies opt for an integrated agenda for competitiveness, the year 2025 presents optimistic scenarios for companies across the ecosystem. With signs of economic recovery across markets, companies are increasing their investments. Europe is one of the largest markets for Geographic Information System Software with demand from both Western Europe and Eastern European regions increasing over the medium to long-term future. Increasing omnichannel shopping amidst robust consumer demand for value purchases shapes the market outlook. The report analyses the key Geographic Information System Software market drivers and opportunities across Germany, France, the United Kingdom, Spain, Italy, Russia, and other Europe.

The US Geographic Information System Software market Insights%li%Vendors are exploring new opportunities within the US Geographic Information System Software industry.

Easing inflation coupled with strengthening consumer sentiment is encouraging aggressive actions from the US Geographic Information System Software companies. Market players consistently focusing on innovation and pursuing new ways to create value are set to excel in 2025. In addition, the Canadian and Mexican markets offer lucrative growth pockets for manufacturers and vendors. Focus on private-brand offerings and promotions, diversified sales channels, expansion into niche segments, adoption of advanced technologies, and sustainability are widely observed across the North American Geographic Information System Software market.

Latin American Geographic Information System Software market outlook rebounds in line with economic growth.

Underlying demand remains higher among urban consumers with an optimistic

economic outlook across Brazil, Argentina, Chile, and other South and Central American countries. Increased consumer spending has been reported in Q1 -2025 and the prospects remain strong for rest of 2025. Aggressive ecosystem moves to create new sources of income are widely observed across markets in the region. Marketing activities focused on customer insights, operations, and support functions are quickly gaining business growth in the region.

Middle East and Africa Geographic Information System Software Markets%li%New Opportunities for Companies Harnessing Diversity

Rapid growth in burgeoning urban locations coupled with a young and fast-growing population base is attracting new investments in the Middle East and African Geographic Information System Software markets. Designing expansion and marketing strategies to cater to the local consumer base supports the market prospects. In addition to Nigeria, Algeria, South Africa, and other markets, steady growth markets in Ethiopia, Rwanda, Ghana, Tanzania, the Democratic Republic of Congo, and others present significant prospects for companies. On the other hand, Middle Eastern Geographic Information System Software markets including the UAE, Saudi Arabia, Qatar, and Oman continue to offer lucrative pockets of growth.

Competitive Landscape%li%How Geographic Information System Software companies outcompete in 2025?

The ability to respond quickly to evolving consumer preferences and adapt businesses to niche consumer segments remains a key growth factor. The report identifies the leading companies in the industry and provides their revenue for 2024. The market shares of each company are also included in the report. Further, business profiles, SWOT analysis, and financial analysis of each company are provided in detail. Key companies analyzed in the report include Bridge, Chetu, eSpatial, Esri, Geographic Information Services Inc, Geomares, GovPilot, LandVision, Maptitude, SiteSeer Technologies.

Geographic Information System Software Market Segmentation

By Type

Desktop GIS

Server GIS

Developer GIS

Mobile GIS

Others

By Application

Mapping

Road inspection

Real Estate

Land Control

Disease Spreading Management

Business Information

By Function

Mapping

Surveying

Telematics and Navigation

Location-Based Services

By Component

Hardware

Software

Leading Companies

Bridge

Chetu

eSpatial

Esri

Geographic Information Services Inc

Geomares

GovPilot

LandVision

Maptitude

SiteSeer Technologies

Reasons to Buy the report

Make informed decisions through long and short-term forecasts across 22 countries and segments.

Evaluate market fundamentals, dynamics, and disrupting trends set to shape 2025 and beyond.

Gain a clear understanding of the competitive landscape, with product portfolio and growth strategies.

Get an integrated understanding of the entire market ecosystem and companies.

Stay ahead of the competition through plans for growth in a changing environment for your geographic expansion.

Assess the impact of advanced technologies and identify growth opportunities based on actionable data and insights.

Get free Excel spreadsheet and PPT versions along with the report PDF.

Contents

1. TABLE OF CONTENTS

List of Figures and Tables

2. EXECUTIVE SUMMARY

2.1 Key Highlights

2.1.1 Geographic Information System Software Market Size Outlook, 2018-2024 and 2025-2032

2.1.2 Largest Geographic Information System Software Market Types and Applications

2.1.3 Fastest Growing Segments

2.1.4 Potential Markets

2.1.5 Market Concentration

2.2 Market Scope and Segmentation

2.2.1 Market Scope- Segments

2.2.2 Market Scope- Countries

2.2.3 Macroeconomic and Demographic Outlook

2.2.4 Abbreviations

2.2.5 Units and Currency Conversions

3. RESEARCH METHODOLOGY

3.1 Primary Research Surveys

3.2 Secondary Data Sources

3.3 Data Triangulation

3.4 Forecast Methodology

3.5 Assumptions and Limitations

4. INTRODUCTION TO GLOBAL GEOGRAPHIC INFORMATION SYSTEM SOFTWARE MARKET IN 2025

4.1 Industry Panorama

4.2 Leading Companies Profiled in the Study

4.3 Asia Pacific Markets offer Robust Market Prospects for New Entrants

4.4 Market Dynamics

4.4.1 Market Dynamics- Trends and Drivers

4.4.2 Market Dynamics- Opportunities and Challenges

- 4.5 Regional Analysis
- 4.6 Porter's Five Force Analysis
 - 4.6.1 Intensity of Competitive Rivalry
 - 4.6.2 Threat of New Entrants
 - 4.6.3 Threat of Substitutes
 - 4.6.4 Bargaining Power of Buyers
 - 4.6.5 Bargaining Power of Suppliers
- 4.7 Geographic Information System Software Industry Value Chain Analysis
 - 4.7.1 Stage of Value Chain
 - 4.7.2 Key Activities of Companies
 - 4.7.3 Companies Included in Each Stage
 - 4.7.4 Key Insights

5. GEOGRAPHIC INFORMATION SYSTEM SOFTWARE MARKET OUTLOOK TO 2032

- 5.1 Market Size Forecast by Type, 2021-2024 and 2025-2032
- 5.2 Market Size Forecast by Application, 2021-2024 and 2024-2032
- 5.3 Market Size Forecast by Geography, 2021-2024 and 2024-2032

By Type

Desktop GIS

Server GIS

Developer GIS

Mobile GIS

Others

By Application

Mapping

Road inspection

Real Estate

Land Control

Disease Spreading Management

Business Information

By Function

Mapping

Surveying

Telematics and Navigation

Location-Based Services

By Component

Hardware

Software

6. GLOBAL GEOGRAPHIC INFORMATION SYSTEM SOFTWARE MARKET OUTLOOK ACROSS GROWTH SCENARIOS

- 6.1 Low Growth Scenario**
- 6.2 Base/Reference Case**
- 6.3 High Growth Scenario**

6. NORTH AMERICA GEOGRAPHIC INFORMATION SYSTEM SOFTWARE MARKET SIZE OUTLOOK

6.1 Key Market Statistics, 2024

6.2 North America Geographic Information System Software Market Trends and Growth Opportunities

6.2.1 North America Geographic Information System Software Market Outlook by Type

6.2.2 North America Geographic Information System Software Market Outlook by Application

6.3 North America Geographic Information System Software Market Outlook by Country

6.3.1 The US Geographic Information System Software Market Outlook, 2021-2032

6.3.2 Canada Geographic Information System Software Market Outlook, 2021-2032

6.3.3 Mexico Geographic Information System Software Market Outlook, 2021-2032

7. EUROPE GEOGRAPHIC INFORMATION SYSTEM SOFTWARE MARKET SIZE OUTLOOK

7.1 Key Market Statistics, 2024

7.2 Europe Geographic Information System Software Market Trends and Growth Opportunities

7.2.1 Europe Geographic Information System Software Market Outlook by Type

7.2.2 Europe Geographic Information System Software Market Outlook by Application

7.3 Europe Geographic Information System Software Market Outlook by Country

7.3.2 Germany Geographic Information System Software Market Outlook, 2021-

2032

7.3.3 France Geographic Information System Software Market Outlook, 2021-2032

7.3.4 The UK Geographic Information System Software Market Outlook, 2021-2032

7.3.5 Spain Geographic Information System Software Market Outlook, 2021- 2032

7.3.6 Italy Geographic Information System Software Market Outlook, 2021- 2032

7.3.7 Russia Geographic Information System Software Market Outlook, 2021-2032

7.3.8 Rest of Europe Geographic Information System Software Market Outlook, 2021- 2032

8. ASIA PACIFIC GEOGRAPHIC INFORMATION SYSTEM SOFTWARE MARKET SIZE OUTLOOK

8.1 Key Market Statistics, 2024

8.2 Asia Pacific Geographic Information System Software Market Trends and Growth Opportunities

8.2.1 Asia Pacific Geographic Information System Software Market Outlook by Type

8.2.2 Asia Pacific Geographic Information System Software Market Outlook by Application

8.3 Asia Pacific Geographic Information System Software Market Outlook by Country

8.3.1 China Geographic Information System Software Market Outlook, 2021- 2032

8.3.2 India Geographic Information System Software Market Outlook, 2021- 2032

8.3.3 Japan Geographic Information System Software Market Outlook, 2021-2032

8.3.4 South Korea Geographic Information System Software Market Outlook, 2021- 2032

8.3.5 Australia Geographic Information System Software Market Outlook, 2021-2032

8.3.6 South East Asia Geographic Information System Software Market Outlook, 2021- 2032

8.3.7 Rest of Asia Pacific Geographic Information System Software Market Outlook, 2021- 2032

9. SOUTH AMERICA GEOGRAPHIC INFORMATION SYSTEM SOFTWARE MARKET SIZE OUTLOOK

9.1 Key Market Statistics, 2024

9.2 South America Geographic Information System Software Market Trends and Growth Opportunities

9.2.1 South America Geographic Information System Software Market Outlook by Type

9.2.2 South America Geographic Information System Software Market Outlook by Application

9.3 South America Geographic Information System Software Market Outlook by Country

9.3.1 Brazil Geographic Information System Software Market Outlook, 2021- 2032

9.3.2 Argentina Geographic Information System Software Market Outlook, 2021- 2032

9.3.3 Rest of South and Central America Geographic Information System Software Market Outlook, 2021- 2032

10. MIDDLE EAST AND AFRICA GEOGRAPHIC INFORMATION SYSTEM SOFTWARE MARKET SIZE OUTLOOK

10.1 Key Market Statistics, 2024

10.2 Middle East and Africa Geographic Information System Software Market Trends and Growth Opportunities

10.2.1 Middle East and Africa Geographic Information System Software Market Outlook by Type

10.2.2 Middle East and Africa Geographic Information System Software Market Outlook by Application

10.3 Middle East and Africa Geographic Information System Software Market Outlook by Country

10.3.1 Saudi Arabia Geographic Information System Software Market Outlook, 2021- 2032

10.3.2 The UAE Geographic Information System Software Market Outlook, 2021- 2032

10.3.3 Rest of Middle East Geographic Information System Software Market Outlook, 2021- 2032

10.3.4 South Africa Geographic Information System Software Market Outlook, 2021- 2032

10.3.5 Egypt Geographic Information System Software Market Outlook, 2021- 2032

10.3.6 Rest of Africa Geographic Information System Software Market Outlook,

2021- 2032

11. COMPANY PROFILES

11.1 Leading 10 Companies

Bridge

Chetu

eSpatial

Esri

Geographic Information Services Inc

Geomares

GovPilot

LandVision

Maptitude

SiteSeer Technologies

11.2 Overview

11.3 Products and Services

11.4 SWOT Profile

12. APPENDIX

12.1 Subscription Options

12.2 Customization Options

12.3 Publisher Details

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