

Geographic Information System (GIS) Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/G538F4DFDA46EN.html>

Date: June 2023

Pages: 140

Price: US\$ 2,499.00 (Single User License)

ID: G538F4DFDA46EN

Abstracts

The global geographic information system (GIS) market size reached US\$ 11.4 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 24.0 Billion by 2028, exhibiting a growth rate (CAGR) of 13.22% during 2023-2028.

The geographic information system (GIS) is a system that gathers, manages, and examines data related to positions on the earth's surface. It integrates different data formats, including cartographic, photographic, and digital data, which enables users to understand topographical information and relationships better. As a result, GIS software is used for mapping, accident analysis, rerouting design, transportation planning, disaster management and mitigation, landslide hazard zonation and navigation. These functions are performed by analyzing spatial information and visually organizing layers of data using 3D maps.

GIS maps can be easily shared and embedded in apps to be accessed virtually by anyone, anywhere. These systems also help in gaining a better insight into spatial patterns and relationships while lowering costs, enabling better decision-making and improving overall management performance. Consequently, GIS is used across diverse industries, ranging from education, and military and defense to agriculture, forestry, and real estate. In the military and defense sector, GIS is used in location intelligence, logistics management and spy satellites. The utilization of GIS has also increased in the agriculture sector for precision farming, soil mapping and analyzing crop productivity. Moreover, with the advancements in the technology, key players are integrating artificial intelligence (AI) with GIS. For instance, the advent of geospatial artificial intelligence (GeoAI) that uses AI to extract information from spatial big data has helped governments in developing smart cities, planning urban infrastructure and tracking

changes in an area over time.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global geographic information system (GIS) market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on component, function, device and end use industry.

Breakup by Component:

- Hardware
- Software
- Services

Breakup by Function:

- Mapping
- Surveying
- Telematics and Navigation
- Location-Based Services

Breakup by Device:

- Desktop
- Mobile

Breakup by End Use Industry:

- Agriculture
- Utilities
- Mining
- Construction
- Transportation
- Oil and Gas
- Others

Breakup by Region:

- North America

United States
Canada
Asia Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Autodesk Inc., Bentley Systems Incorporated, Caliper Corporation (PSI Services LLC), Computer Aided Development Corporation Limited (Cadcorp), Environmental Systems Research Institute Inc., General Electric Company, Geosoft Inc. (Seequent Ltd.), Hexagon AB, Maxar Technologies Inc., SuperMap Software Co. Ltd., Topcon Corporation and Trimble Inc.

Key Questions Answered in This Report

1. What is the market size for the global geographic information system (GIS) market in 2022?
2. What is the expected growth rate of the global geographic information system (GIS) market during 2023-2028?

3. What are the global geographic information system (GIS) market drivers?
4. What are the key industry trends in the global geographic information system (GIS) market?
5. What is the impact of COVID-19 on the global geographic information system (GIS) market?
6. What is the global geographic information system (GIS) market breakup by component?
7. What is the global geographic information system (GIS) market breakup by function?
8. What is the global geographic information system (GIS) market breakup by device?
9. What is the global geographic information system (GIS) market breakup by end use industry?
10. What are the major regions in the global geographic information system (GIS) market?
11. Who are the key companies/players in the global geographic information system (GIS) market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL GEOGRAPHIC INFORMATION SYSTEM (GIS) MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY COMPONENT

- 6.1 Hardware
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Software
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Services

- 6.3.1 Market Trends
- 6.3.2 Market Forecast

7 MARKET BREAKUP BY FUNCTION

- 7.1 Mapping
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Surveying
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Telematics and Navigation
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Location-Based Services
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast

8 MARKET BREAKUP BY DEVICE

- 8.1 Desktop
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Mobile
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast

9 MARKET BREAKUP BY END USE INDUSTRY

- 9.1 Agriculture
 - 9.1.1 Market Trends
 - 9.1.2 Market Forecast
- 9.2 Utilities
 - 9.2.1 Market Trends
 - 9.2.2 Market Forecast
- 9.3 Mining
 - 9.3.1 Market Trends
 - 9.3.2 Market Forecast
- 9.4 Construction

- 9.4.1 Market Trends
- 9.4.2 Market Forecast
- 9.5 Transportation
 - 9.5.1 Market Trends
 - 9.5.2 Market Forecast
- 9.6 Oil and Gas
 - 9.6.1 Market Trends
 - 9.6.2 Market Forecast
- 9.7 Others
 - 9.7.1 Market Trends
 - 9.7.2 Market Forecast

10 MARKET BREAKUP BY REGION

- 10.1 North America
 - 10.1.1 United States
 - 10.1.1.1 Market Trends
 - 10.1.1.2 Market Forecast
 - 10.1.2 Canada
 - 10.1.2.1 Market Trends
 - 10.1.2.2 Market Forecast
- 10.2 Asia Pacific
 - 10.2.1 China
 - 10.2.1.1 Market Trends
 - 10.2.1.2 Market Forecast
 - 10.2.2 Japan
 - 10.2.2.1 Market Trends
 - 10.2.2.2 Market Forecast
 - 10.2.3 India
 - 10.2.3.1 Market Trends
 - 10.2.3.2 Market Forecast
 - 10.2.4 South Korea
 - 10.2.4.1 Market Trends
 - 10.2.4.2 Market Forecast
 - 10.2.5 Australia
 - 10.2.5.1 Market Trends
 - 10.2.5.2 Market Forecast
 - 10.2.6 Indonesia
 - 10.2.6.1 Market Trends

- 10.2.6.2 Market Forecast
- 10.2.7 Others
 - 10.2.7.1 Market Trends
 - 10.2.7.2 Market Forecast
- 10.3 Europe
 - 10.3.1 Germany
 - 10.3.1.1 Market Trends
 - 10.3.1.2 Market Forecast
 - 10.3.2 France
 - 10.3.2.1 Market Trends
 - 10.3.2.2 Market Forecast
 - 10.3.3 United Kingdom
 - 10.3.3.1 Market Trends
 - 10.3.3.2 Market Forecast
 - 10.3.4 Italy
 - 10.3.4.1 Market Trends
 - 10.3.4.2 Market Forecast
 - 10.3.5 Spain
 - 10.3.5.1 Market Trends
 - 10.3.5.2 Market Forecast
 - 10.3.6 Russia
 - 10.3.6.1 Market Trends
 - 10.3.6.2 Market Forecast
 - 10.3.7 Others
 - 10.3.7.1 Market Trends
 - 10.3.7.2 Market Forecast
- 10.4 Latin America
 - 10.4.1 Brazil
 - 10.4.1.1 Market Trends
 - 10.4.1.2 Market Forecast
 - 10.4.2 Mexico
 - 10.4.2.1 Market Trends
 - 10.4.2.2 Market Forecast
 - 10.4.3 Others
 - 10.4.3.1 Market Trends
 - 10.4.3.2 Market Forecast
- 10.5 Middle East and Africa
 - 10.5.1 Market Trends
 - 10.5.2 Market Breakup by Country

10.5.3 Market Forecast

11 SWOT ANALYSIS

- 11.1 Overview
- 11.2 Strengths
- 11.3 Weaknesses
- 11.4 Opportunities
- 11.5 Threats

12 VALUE CHAIN ANALYSIS

13 PORTERS FIVE FORCES ANALYSIS

- 13.1 Overview
- 13.2 Bargaining Power of Buyers
- 13.3 Bargaining Power of Suppliers
- 13.4 Degree of Competition
- 13.5 Threat of New Entrants
- 13.6 Threat of Substitutes

14 PRICE ANALYSIS

15 COMPETITIVE LANDSCAPE

- 15.1 Market Structure
- 15.2 Key Players
- 15.3 Profiles of Key Players
 - 15.3.1 Autodesk Inc.
 - 15.3.1.1 Company Overview
 - 15.3.1.2 Product Portfolio
 - 15.3.1.3 Financials
 - 15.3.1.4 SWOT Analysis
 - 15.3.2 Bentley Systems Incorporated
 - 15.3.2.1 Company Overview
 - 15.3.2.2 Product Portfolio
 - 15.3.3 Caliper Corporation (PSI Services LLC)
 - 15.3.3.1 Company Overview
 - 15.3.3.2 Product Portfolio

15.3.4 Computer Aided Development Corporation Limited (Cadcorp)

15.3.4.1 Company Overview

15.3.4.2 Product Portfolio

15.3.4.3 Financials

15.3.5 Environmental Systems Research Institute Inc.

15.3.5.1 Company Overview

15.3.5.2 Product Portfolio

15.3.5.3 SWOT Analysis

15.3.6 General Electric Company

15.3.6.1 Company Overview

15.3.6.2 Product Portfolio

15.3.6.3 Financials

15.3.6.4 SWOT Analysis

15.3.7 Geosoft Inc. (Seequent Ltd.)

15.3.7.1 Company Overview

15.3.7.2 Product Portfolio

15.3.8 Hexagon AB

15.3.8.1 Company Overview

15.3.8.2 Product Portfolio

15.3.8.3 Financials

15.3.8.4 SWOT Analysis

15.3.9 Maxar Technologies Inc.

15.3.9.1 Company Overview

15.3.9.2 Product Portfolio

15.3.9.3 Financials

15.3.10 SuperMap Software Co. Ltd.

15.3.10.1 Company Overview

15.3.10.2 Product Portfolio

15.3.10.3 Financials

15.3.11 Topcon Corporation

15.3.11.1 Company Overview

15.3.11.2 Product Portfolio

15.3.11.3 Financials

15.3.12 Trimble Inc.

15.3.12.1 Company Overview

15.3.12.2 Product Portfolio

15.3.12.3 Financials

15.3.12.4 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: Geographic Information System Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Geographic Information System Market Forecast: Breakup by Component (in Million US\$), 2023-2028

Table 3: Global: Geographic Information System Market Forecast: Breakup by Function (in Million US\$), 2023-2028

Table 4: Global: Geographic Information System Market Forecast: Breakup by Device (in Million US\$), 2023-2028

Table 5: Global: Geographic Information System Market Forecast: Breakup by End Use Industry (in Million US\$), 2023-2028

Table 6: Global: Geographic Information System Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 7: Global: Geographic Information System Market Structure

Table 8: Global: Geographic Information System Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Geographic Information System Market: Major Drivers and Challenges

Figure 2: Global: Geographic Information System Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Geographic Information System Market: Breakup by Component (in %), 2022

Figure 4: Global: Geographic Information System Market: Breakup by Function (in %), 2022

Figure 5: Global: Geographic Information System Market: Breakup by Device (in %), 2022

Figure 6: Global: Geographic Information System Market: Breakup by End Use Industry (in %), 2022

Figure 7: Global: Geographic Information System Market: Breakup by Region (in %), 2022

Figure 8: Global: Geographic Information System Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 9: Global: Geographic Information System (Hardware) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 10: Global: Geographic Information System (Hardware) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 11: Global: Geographic Information System (Software) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 12: Global: Geographic Information System (Software) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 13: Global: Geographic Information System (Services) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 14: Global: Geographic Information System (Services) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 15: Global: Geographic Information System (Mapping) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 16: Global: Geographic Information System (Mapping) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 17: Global: Geographic Information System (Surveying) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 18: Global: Geographic Information System (Surveying) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 19: Global: Geographic Information System (Telematics and Navigation) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 20: Global: Geographic Information System (Telematics and Navigation) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 21: Global: Geographic Information System (Location-Based Services) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 22: Global: Geographic Information System (Location-Based Services) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 23: Global: Geographic Information System (Desktop) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 24: Global: Geographic Information System (Desktop) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 25: Global: Geographic Information System (Mobile) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 26: Global: Geographic Information System (Mobile) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 27: Global: Geographic Information System (Agriculture) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 28: Global: Geographic Information System (Agriculture) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 29: Global: Geographic Information System (Utilities) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 30: Global: Geographic Information System (Utilities) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 31: Global: Geographic Information System (Mining) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 32: Global: Geographic Information System (Mining) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 33: Global: Geographic Information System (Construction) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 34: Global: Geographic Information System (Construction) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 35: Global: Geographic Information System (Transportation) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 36: Global: Geographic Information System (Transportation) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 37: Global: Geographic Information System (Oil and Gas) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 38: Global: Geographic Information System (Oil and Gas) Market Forecast:

Sales Value (in Million US\$), 2023-2028

Figure 39: Global: Geographic Information System (Other End Use Industries) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 40: Global: Geographic Information System (Other End Use Industries) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 41: North America: Geographic Information System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 42: North America: Geographic Information System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 43: United States: Geographic Information System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 44: United States: Geographic Information System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 45: Canada: Geographic Information System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 46: Canada: Geographic Information System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 47: Asia Pacific: Geographic Information System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 48: Asia Pacific: Geographic Information System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 49: China: Geographic Information System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 50: China: Geographic Information System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 51: Japan: Geographic Information System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 52: Japan: Geographic Information System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 53: India: Geographic Information System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 54: India: Geographic Information System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 55: South Korea: Geographic Information System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 56: South Korea: Geographic Information System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 57: Australia: Geographic Information System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 58: Australia: Geographic Information System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 59: Indonesia: Geographic Information System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 60: Indonesia: Geographic Information System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 61: Others: Geographic Information System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 62: Others: Geographic Information System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 63: Europe: Geographic Information System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 64: Europe: Geographic Information System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 65: Germany: Geographic Information System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 66: Germany: Geographic Information System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 67: France: Geographic Information System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 68: France: Geographic Information System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 69: United Kingdom: Geographic Information System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 70: United Kingdom: Geographic Information System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 71: Italy: Geographic Information System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 72: Italy: Geographic Information System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 73: Spain: Geographic Information System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 74: Spain: Geographic Information System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 75: Russia: Geographic Information System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 76: Russia: Geographic Information System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 77: Others: Geographic Information System Market: Sales Value (in Million US\$),

2017 & 2022

Figure 78: Others: Geographic Information System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 79: Latin America: Geographic Information System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 80: Latin America: Geographic Information System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 81: Brazil: Geographic Information System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 82: Brazil: Geographic Information System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 83: Mexico: Geographic Information System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 84: Mexico: Geographic Information System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 85: Others: Geographic Information System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 86: Others: Geographic Information System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 87: Middle East and Africa: Geographic Information System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 88: Middle East and Africa: Geographic Information System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 89: Global: Geographic Information System Industry: SWOT Analysis

Figure 90: Global: Geographic Information System Industry: Value Chain Analysis

Figure 91: Global: Geographic Information System Industry: Porter's Five Forces Analysis

I would like to order

Product name: Geographic Information System (GIS) Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Product link: <https://marketpublishers.com/r/G538F4DFDA46EN.html>

Price: US\$ 2,499.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G538F4DFDA46EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

