

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

Market Report | 2023-06-14 | 140 pages | IMARC Group

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Report description:

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.

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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

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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?

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