

Global Earth Observation Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Earth Observation market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

Earth observation is the process by which information related to Earth's physical, biological, and chemical composition are gathered from satellites by remote sensing techniques. The information gathered through satellites can be effectively used to monitor and predict weather changes, disasters and natural calamities, climate patterns, agriculture forecasts, oil and mineral deposits, and the availability of water sources. Satellite-based earth observation is used across various industries such as defense and intelligence, oil and gas, weather, agriculture, natural resources, engineering and construction, media and entertainment, and tourism.

Demand for earth observation market will be high from developing countries such as Vietnam, Malaysia, Kazakhstan and South Africa who would be widening their native autonomous capabilities in the near future. United States, Europe, China and India are all important operators of remote sensing satellites. Leading operators and service providers in these regions are partnering with Geographic Information System (GIS) companies and manufacturers of mobile devices to provide individual consumers with advanced information products and services. Initiatives taken by the government to embrace EO, in addition to the collaboration among operators to expand their capabilities by means of technology transfer would be the major driving factors in the satellite-based earth observation market.

The Global Info Research report includes an overview of the development of the Earth

Observation industry chain, the market status of Agriculture (EO Data, Value-added Services (VAS)), Defense (EO Data, Value-added Services (VAS)), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Earth Observation.

Regionally, the report analyzes the Earth Observation markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Earth Observation market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Earth Observation market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Earth Observation industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., EO Data, Value-added Services (VAS)).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Earth Observation market.

Regional Analysis: The report involves examining the Earth Observation market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Earth Observation market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Earth Observation:

Company Analysis: Report covers individual Earth Observation manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Earth Observation. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Agriculture, Defense).

Technology Analysis: Report covers specific technologies relevant to Earth Observation. It assesses the current state, advancements, and potential future developments in Earth Observation areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Earth Observation market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Earth Observation market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

EO Data

Value-added Services (VAS)

Market segment by Application

Agriculture

Defense

Disaster Management

Energy

Major players covered

DigitalGlobe

DMC International Imaging

MDaInformationSystem

Skybox Imaging (Google)

ImageSat International

BlackBridge Group (Rapid Eye)

Deimos Imaging

EGEO

GeoOptics

HisdeSAT Servicios Estrategicos

PlanetiQ

Planet Labs

Satelllogic

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Earth Observation product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Earth Observation, with price, sales, revenue and global market share of Earth Observation from 2019 to 2024.

Chapter 3, the Earth Observation competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Earth Observation breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Earth Observation market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Earth Observation.

Chapter 14 and 15, to describe Earth Observation sales channel, distributors, customers, research findings and conclusion.

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