

## Integrated Geophysical Services Market to Reach USD \$3 Billion by 2029 at 5.2% CAGR

The Business Research Company's Integrated Geophysical Services Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034

LONDON, GREATER LONDON, UNITED KINGDOM, December 8, 2025 /EINPresswire.com/ -- How Big Is The Integrated Geophysical Services Market In 2025?



Over the years, the <u>size of the integrated geophysical services market</u> has been seeing a consistent increase. An expansion is forecasted from \$2.34 billion in 2024 to \$2.45 billion in 2025, with a Compound Annual Growth Rate (CAGR) of 4.4%. Factors contributing to the growth



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during the historic phase have been identified as the digital revolution, advancements in consumer electronics, growth of telecommunications, automotive electronics, and industrial automation.

The market size for integrated geophysical services is anticipated to exhibit robust growth in the coming years, expanding to a value of \$3 billion by 2029, with a compound annual growth rate (CAGR) of 5.2%. The growth projected during the forecast period can be credited to elements such as artificial intelligence (AI) and machine

learning, expansion of 5G and IoT, autonomous vehicles, quantum computing, healthcare, and medical devices. The forecast period will also witness key trends like miniaturization and sophisticated packaging, heterogeneous integration, energy-efficient ICs, security and encryption, as well as custom IC design.

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What Are The Key Driving Factors For The Growth Of The Integrated Geophysical Services Market?

The surge in oil and gas requirements has bolstered the integrated geophysical services market. As reported by the US Energy Information Administration, a US government entity, in March 2023, the output of crude oil surged to 12.4 million Barrels per day (b/d) in 2023, up from 11.7 million Barrels per day (b/d) in 2022. Similarly, in September 2022, there was a record consumption of natural gas in the US, with the average daily intake amounting to 86.6 billion cubic feet (Bcf/d) in 2022, marking the highest annual usage as compared to past years. The rising consumption levels of oil and gas are stimulating the need for integrated geophysical services. This is due to the necessary alignment between various oil and gas exploration techniques, such as archaeological examinations and remote sensing from sky-high platforms and satellites, which aid in acquiring crucial geological data and assessing core examples or cuttings. The analysis of the sub-surface is crucial for precise reservoir and flow modelling, which results in well-informed production choices and enhances energy production capacity. Hence, the escalating demand for oil and gas is propelling the growth in the integrated geophysical services market.

Who Are The Key Players In The Integrated Geophysical Services Industry? Major players in the Integrated Geophysical Services include:

- CGS
- Halliburton Company
- Polarcus Limited
- · Geokinetics Inc.
- Petroleum Geo-Services ASA
- WesternGeco LLC (a subsidiary of Schlumberger Limited)
- TGS Geophysical Company (UK) Limited
- La Compagnie Générale de Géophysique SA
- Ion Geophysical Corporation
- Dawson Geophysical Company

What Are The Key Trends Shaping The Integrated Geophysical Services Industry? Integrated geophysical service companies are increasingly utilizing drones to acquire precise data and lessen the strain on personnel in harsh environments. Aerospace CH UAV Co. announced in a statement that in 2022, the Caihong, also known as the Rainbow drone, will be employed by China to investigate geological resources in the Qinghai-Xizang Plateau and the polar regions. The geophysical exploration method applied by this drone integrates aviation, leading to a rapid and efficient retrieval of a wide range of geophysical field data. According to the company, drones have the upper hand in surveying as their performance is fast and efficient, uninfluenced by the character of the terrain or human factors.

What Segments Are Covered In The Integrated Geophysical Services Market Report? The integrated geophysical services market covered in this report is segmented –

1) By Method: Vertical Electrical Sounding, Electrical Resistivity Tomography (ERT), Seismic

refraction, Microgravity survey with differential GPS, Magnetic profiles, Induced polarization, 2D seismic prospection (refraction tomography and reflection sections), Ground penetrating radar (GPR)

2) By Application: Infrastructure and building constructions, Offshore wind farm surveys, Offshore cable tracking surveys, Mineral exploration and mining engineering, Natural resources and energy, Water resource, environment and waste management, Archaeological surveys 3) By Survey Type: Aerial-based, Land-based

## Subsegments:

- 1) By Vertical Electrical Sounding (VES): Schlumberger Configuration, Wenner Configuration, Dipole-dipole Configuration
- 2) By Electrical Resistivity Tomography (ERT): 2D Imaging, 3D Imaging, Time-lapse Monitoring
- 3) By Seismic Refraction: Compressional Wave (P-Wave) Studies, Shear Wave (S-Wave) Studies, Multi-Channel Analysis Of Surface Waves (MASW)
- 4) By Microgravity Survey With Differential GPS: Regional Gravity Surveys, Microgravity Anomaly Detection, High-resolution Elevation Corrections
- 5) By Magnetic Profiles: Total Magnetic Intensity Profiling, Vertical Magnetic Gradient Surveys, High-sensitivity Magnetic Anomaly Detection
- 6) By Induced Polarization (IP): Time-domain IP, Frequency-domain IP, Spectral IP
- 7) By 2D Seismic Prospection (Refraction Tomography And Reflection Sections): Refraction Tomography Surveys, Reflection Seismic Sections
- 8) By Ground Penetrating Radar (GPR): Low-frequency Surveys For Deep Penetration, High-frequency Surveys For Shallow Imaging, 3D GPR Surveys

View the full integrated geophysical services market report:

https://www.thebusinessresearchcompany.com/report/integrated-geophysical-services-global-market-report

Which Region Is Expected To Lead The Integrated Geophysical Services Market By 2025? In 2024, North America led in the integrated geophysical services market, followed by Western Europe. The report on the integrated geophysical services market encompasses regions including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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