

Survey Equipment Market by End User (Land & Hydrographic), Type (Scanner & Lasers, Positioning, Acoustic, Total Station), Application (Bathymetry, Seabed Mapping, Oil & Gas, Cable Route, Charting, 3D Mapping), and Region - Global Forecast to 2021

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Abstracts

The survey equipment market is estimated to be USD 5.09 billion in 2016 and is projected to reach USD 6.91 billion by 2021, at a CAGR of 6.30% between 2016 and 2021. Boom in maritime commerce, increased demand of surveys for error-free nautical charts, coastal management and development, and increased infrastructure development and mining operations are driving the demand for survey equipment across the globe.

“Construction & civil application to dominate the application segment of the survey equipment market”

The construction & engineering application is driving the land survey equipment market. Advanced construction techniques, especially in the offshore oil and gas, construction, and aerospace and defense sectors are driving the survey equipment market globally, both, in land as well as hydrographic segments. Advanced techniques, such as standardization and modularization have become an integral part of land surveying operations in the construction and engineering sector.

“North America to dominate the survey equipment market”

North America is estimated to capture the largest market share in the overall survey equipment market in 2016 due to rapid development of infrastructure and maintenance program. The survey equipment market in the APAC region is projected to grow at the

highest CAGR during the forecast period. Rise in railway infrastructure as well as maritime commerce is driving the survey equipment market in the region.

Break-up of profile of primary participants of the survey equipment report:

By Company Type - Tier 1 – 35 %, Tier 2 – 45% and Tier 3 – 20%

By Designation – C level – 35%, Director level – 25%, Others – 40%

By Region – North America - 45%, Europe – 20%, APAC – 30%, RoW – 5%

Technological innovation for improved data management, potential demand for hydro survey in the Arctic region, and focus on technological advancements to minimize operation time are some the potential growth opportunities for the market players in the survey equipment market.

In 2015, the key global players in the market were Thales S.A. (France), Trimble Navigation Ltd. (U.S.), Topcon Corporation (Japan), Fugro (Netherlands), and Hexagon AB (Sweden), among others. These companies adopted growth strategies such as new product launches, supply contracts, and business acquisition to capture a majority share in the growing survey equipment market. Among these, Thales S.A. (France) has a widespread geographic presence in the survey equipment market.

Reasons to Buy the Report:

From an insights perspective, this research report has focused on various levels of analysis — industry analysis, market share analysis of top players, supply chain analysis, and company profiles. This comprises and discusses basic views on the competitive landscape, emerging and high-growth segments of the survey equipment market, high-growth regions and countries, and their respective regulatory policies, market drivers, restraints, and opportunities.

The report provides insights on the following pointers:

Market Penetration: Comprehensive information on survey equipment offered by the top 18 players in the global survey equipment market

Product Development/Innovation: Detailed insights on upcoming technologies,

research & development activities, and new product launches in the market

Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the market

Competitive Assessment: In-depth assessment of market shares, strategies, products, and manufacturing capabilities of the leading market players

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About

A survey is the science and art of determining the relative positions of points above, on, or beneath the surface of the earth. The two major types of surveys include land survey and hydro survey. Hydro survey is used for measurement of sea depth and bottom configuration of water bodies. The measured data is then used to develop nautical charts, which in turn, are used for safe navigation by mariners. Hydro surveys entail the use of a wide range of technologically-advanced equipment such as echo sounders, sonars, underwater vehicles, non-acoustic systems, and many more. Hydro surveys find widespread application across the offshore oil & gas, port & harbor, and cable/pipeline survey industries.

Land survey includes measuring and mapping of the surrounding environment using specialized technology and equipment. The different types of equipment used for it include GPS, total stations, theodolites, scanners, and many more. The land survey equipment market is expected to observe a growth soon, owing to a rise in the civil & construction industry, which is currently valued at \$XX trillion and is still growing. Another driving factor for the land survey equipment market is the exploration of oil & gas fields.

Pioneering in surveying began around 1400 BC, when Egyptians used makeshift instruments such as ropes and knots to divide land plots for the purpose of taxation and construction of canals and pyramids. The magnetic compass, which was a Chinese invention, was invented in around 215 BC. Over the years, many developments were made in survey equipment to improve the accuracy and precision of the measurements taken.

The North American region, comprising the U.S. and Canada (for this study), accounted for a XX% share of the survey equipment market in 2014. The increasing number of construction and hydrographic surveys in the U.S. is driving growth in the North American survey equipment market. Land survey equipment are cost-effective; however, the high cost of hydro survey equipment is a major factor that restricts the hydro survey equipment end-user market to organizations that provide these services to customers. Some companies that provide hydro survey services include Fugro (The Netherlands) and TerraSond (Alaska, U.S.).

The market in the European region is expected to grow at a high rate over the next six years, at a CAGR of XX%. Growth in the survey equipment market in this region is

propelled by the rising rate of infrastructure enhancement and rising competition among market players.

The Asia-Pacific region is expected to capture a market share of XX% in 2014. The growth in land survey equipment will be impelled by a rise in infrastructure development in the emerging economies of India, China, Malaysia, and Singapore. The hydro survey equipment market too is expected to witness considerable growth owing to the rising use of underwater vehicles for hydro survey applications in economies such as South Korea, Japan, and China. The increase in maritime trade too has accelerated the demand for hydro surveys in the region, which in turn drives the demand for hydro survey equipment.

The Middle East & Africa along with Latin America is expected to witness growth in the survey equipment market in the future owing to the growing oil & gas industry and infrastructure development.

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