

Terrestrial Laser Scanning Market by Solution (TLS System, TLS Services), Application (Building Information Modelling (BIM), Surveying, Research & Development), Type (Phase-Shift, Pulse-Based and Mobile Scanner), and Region - Global Forecast to 2023

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Abstracts

Increasing infrastructural projects in the globe and a growing number of land survey requirements in Asia Pacific and the Middle East are the major factors for the growth of the global terrestrial laser scanning market.

The terrestrial laser scanning market size is expected to grow from USD 3.0 billion in 2018 to USD 4.4 billion by 2023, at a CAGR of 8.17% during the forecast period. The market for terrestrial laser scanning is driven by numerous factors, such as the increasing infrastructural spending in emerging economies. The global capital expenditure of the infrastructure industry is rising across the world, due to the increasing new infrastructural projects, growing global Gross Domestic Product (GDP), rising disposable income especially in Asian countries, and increasing standard of living. High capital and maintenance costs of terrestrial laser scanning are limiting the overall growth of the market.

The terrestrial laser scanning services segment is estimated to lead the terrestrial laser scanning market in 2018.

Based on solution, the terrestrial laser scanning services segment is estimated to account for the largest share of the terrestrial laser scanning market in 2018. These services are used for various land survey applications, such as monitoring survey, mining survey, topographic survey, forestry & agricultural survey, and archeological survey. The rise in the demand for digitalization in the infrastructure industry is driving the

growth of terrestrial laser scanning services market.

The phase-shift scanner segment is estimated to account for the largest share of the terrestrial laser scanning market in 2018.

Based on type, the Phase-Shift Scanner segment is estimated to account for the largest share of the terrestrial laser scanning market in 2018. In recent years, the demand for BIM and 3D modeling of assets is witnessing growth in the developed countries. This has increased the number of service providers for phase-shift scanning services, which, in turn, has generated the need for efficient and faster equipment of phase-shift scanners in the terrestrial laser scanning market.

North America is estimated to account for the largest share of the terrestrial laser scanning market in 2018.

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In recent years, the focus of the US government to enhance their infrastructure facilities and rise in government spending on new projects have increased the demand for terrestrial laser scanning solutions in the region.

Break-up of profiles of primary participants in the terrestrial laser scanning market

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

By Designation: C-Level Executives – 35%, Directors – 25%, and Others – 40%

By Region: North America – 45%, Europe – 20%, Asia Pacific – 30%, Rest of the World 5%

Key players in the terrestrial laser scanning market are 3D Digital Corporation (US), Carl Zeiss Optotechnik (Germany), Creaform (Canada), FARO Technologies (US), Mapttek (Australia), Trimble (US), RIEGL Laser Measurement Systems (Austria), Teledyne Technologies (US), Topcon (Japan), Hexagon (Sweden), and Zoller + Fröhlich (Germany), among others. These companies provide terrestrial laser scanning solutions in various countries across North America, Europe, Asia Pacific, the Middle East, and Rest of the World.

Research Coverage:

The market study covers the terrestrial laser scanning market across segments. It aims at estimating the market size and the growth potential of this market across different segments, such as solution, application, type, and region. The study also includes an in-depth competitive analysis of the key players in the market, along with their company profiles, key observations related to product and business offerings, recent developments, and key market strategies.

Reasons to buy this report:

The report will help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall terrestrial laser scanning market and its subsegments. This report covers the entire ecosystem of the terrestrial laser scanning technology and land survey industry. This report will help stakeholders understand the competitive landscape and gain more insights to better position their businesses and plan suitable go-to-market strategies. The report also helps stakeholders understand the pulse of the market and provides them with information on key market drivers, restraints, challenges, and opportunities.

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