

Terrestrial Laser Scanning - Global Market Outlook (2017-2026)

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Abstracts

According to Statistics MRC, the Terrestrial Laser Scanning Market is accounted for \$2.8 billion in 2017 and is expected to reach \$5.9 billion by 2026 growing at a CAGR of 8.7% during the forecast period. Some of the key factors propelling the market growth of the market are Increasing Adoption of LiDAR in Building Information Modeling (BIM) Applications, increasing adoption of software as a solution (SaaS) and advancements in networking for Gnss applications of land survey equipment. However, the limitations of LiDAR in harsh weather conditions are restraining the growth of the market.

Terrestrial laser scanning (TLS) is a ground-based, active imaging method that rapidly acquires accurate, dense 3D point clouds of object surfaces by laser range finding. Terrestrial scanning is currently the most detailed and accurate method of creating digital elevation models, replacing photogrammetry. Terrestrial laser scanners are increasingly used to generate digital 3D-representations of objects in seismographic surveys.

Considering solution, the terrestrial laser scanning services segment of the terrestrial laser scanning market is expected to develop at a great CAGR during the forecast period, as different types of land surveyors around the world have started investing in new technologies such as terrestrial laser scanning. These scanners are used to carry out 3D modeling of all types of objects and structures, which helps land surveyors to mapped data of high immobile assets.

By geography, North America is expected to have a positive growth. The increasing growth can be attributed to positive changes in the US government infrastructure policy and the Growth in the Service Sector in the nations of the region are responsible for the growth of the market in this region.

Some of the key players in the Terrestrial Laser Scanning market are RIEGL Laser Measurement Systems GmbH, Teledyne Technologies, Trimble Navigation Limited, Zoller + Fröhlich, Merrett Survey Limited, Maptek Pty Limited, Fugro N.V, FARO Technologies, Inc, Creaform, Blom ASA, 3D Digital Corporation, and Carl Zeiss Optotechnik.

Types Covered:

Mobile Scanner

Phase-Shift Scanner

Pulse-Based Scanner

Optical Triangulation

Solutions Covered:

Terrestrial Laser Scanning Services

Terrestrial Laser Scanning System

Products Covered:

Dynamic Terrestrial Laser Scanning

Stationary/Static Terrestrial Laser Scanning

Principles Covered:

Galvanometer Scanner

Polygonal Scanner

Shaft Scanner

Other Principles

Mappings Covered:

Camera Scanner

Hybrid Scanner

Panorama Scanner

Others

Applications Covered:

Surveying

Research & Engineering

Building Information Modeling (BIM)

Volume Estimation

Photogrammetry and Remote Sensing

Mobile Mapping

Other Applications

End-Use Verticals Covered:

Industrial

Nuclear Sites

Power & Energy

Residential

Oil & Gas

Naval Industry

Chemical

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis etc.

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the clients interest (Note: Depends of feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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