

Mobile Mapping Market Report and Forecast 2025-2034

Market Report | 2025-07-14 | 159 pages | EMR Inc.

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Report description:

The global mobile mapping market size attained a value of USD 35.88 Billion in 2024. The market is further expected to grow at a CAGR of 16.70% between 2025 and 2034, to reach a value of USD 168.10 Billion by 2034.

Key Trends in the Market

Mobile mapping refers to the process of collecting geospatial data, including street-level and aerial imagery, from fast vehicles such as automobiles, boats, drones, trains, or airplanes. These vehicles are equipped with advanced mapping systems such as lasers, LiDAR, global navigation satellite systems, photographic devices, or various types of remote sensing equipment. It is an efficient technique which enables organisations and researchers to create accurate 3D models, manage assets, conduct mapping, and survey roads.

- The increasing adoption of mobile mapping by the end users in emerging economies to carry out urban and road planning is expanding the market for mobile mapping. In addition, growing efforts by governments to improve the accessibility of digital services to the citizens across the developing nations are further invigorating the mobile mapping market growth.

- Increasing applications of mobile mapping solutions in the construction and real estate sector to provide information such as on-site conditions and geospatial dynamics, is further adding to the market growth. Rapid urban development and increasing population is escalating the applications of mobile mapping across the construction and real estate sector.

- Mobile mapping is fast, versatile, easily-to-integrate, and provides photorealistic documentation which makes it useful in the government and public sector. In this regard, increasing investments by governments to bolster preparedness during disaster management and to aid the military management are expected to be the mobile mapping market trends.

Global Mobile Mapping Market Segmentation

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The EMR's report titled "Global Mobile Mapping Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments:

Market Breakup by Offering

- Hardware
- Software
- Service

Market Breakup by Deployment Model

- On-Premises
- Cloud

Market Breakup by Enterprise Size

- Large Enterprises
- SMEs

Market Breakup by Application

- Asset Management
- Topographic Mapping
- Road Surveys
- 3D Modeling
- Others

Market Breakup by Industry Vertical

- Construction and Real Estate
- Energy and Utilities
- Transportation and Logistics
- Retail
- Government and Public Sector
- Manufacturing
- Others

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Global Mobile Mapping Market Share by Application

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The topographic mapping segment, based on application, accounts for a healthy share of the mobile mapping market as it is useful in architectural planning, research of earthly matter, and for recreational purposes including hiking and mountaineering, among others. Moreover, topographic mapping provides accurate and detailed descriptions of an area, which makes it useful for drainage, forests, landforms, and building and land applications. Increasing inclination towards reliable and quick methods of surveying is likely to bolster the growth of topographical mapping applications in the forecast period.

Global Mobile Mapping Market Share by Industry Vertical

Based on industry vertical, the manufacturing segment accounts for a significant share of the market for mobile mapping. The rapid changes taking place in the manufacturing sector are compelling manufacturing companies to update equipment, redesign production layouts, and create new production lines. Moreover, mobile mapping improves the operational workflow in the manufacturing sector, thereby enhancing the profitability of manufacturing businesses, which is another aiding factor of this segment. In addition, mobile mapping system and related software are seen to benefit automotive original equipment manufacturers, leading to a greater growth of this segment.

Competitive Landscape

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis. The report gives a detailed analysis of the key players in the global mobile mapping market, covering their competitive landscape and latest developments like mergers, acquisitions, investments and expansion plans.

Google LLC

Google LLC is a leading multinational technology company and subsidiary of Alphabet Inc. which provides dynamic maps, routes, and location solutions to its customers. The company was founded in 1998 and is currently headquartered in California, United States.

Trimble Inc.

Trimble Inc. is a prominent company which provides hardware, software, and technological services, catering to the demands of sectors such as construction, agriculture, natural resources and utilities, and transportation. It was established in 1978 and is based in Colorado, United States.

Apple Inc

Apple Inc is a multinational technology company which offers mobile mapping solutions to enable display of satellite imagery, add annotations and overlays, and call out points of interest. The company was founded in 1976 and is headquartered in California in the United States.

Other market players include Topcon Corporation, Garmin Ltd, Microsoft Corporation, Mitsubishi Electric Corporation, Hexagon AB, Pasco Corporation, and TomTom International BV, among others.

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