

Digital Map Market by Offering (Solutions and Services), Mapping Type (Outdoor Mapping, Indoor Mapping, and 3D and 4D Metaverse), Purpose (Navigation Maps, Satellite Maps, Thematic Maps), Scale, Application, Vertical and Region - Global Forecast to 2029

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Abstracts

The digital map market is expected to grow from USD 28.3 billion in 2024 to USD 47.8 billion by 2029, at a CAGR of 11.1% during the forecast period. The digital maps market has gradually gained traction in many sectors, including government & defense, automotive, travel, transport and logistics, retail, manufacturing, finance, and many others, by integrating extensive geographic information systems, location analytics, and real-time GPS tracking. Furthermore, digital map systems enable end-to-end map solutions, including geographical data, real-time updates, technological integration, and an analytics approach for improved geographical map-based results. Administrations constantly seek an upsurge to enhance professional process efficiency and improve marketing activities. Firms are cohesively adopting and implementing digital map solutions and services to their existing systems. The solutions segment is primarily deployed by building blocks, which include APIs and SDKs, analytical platforms, and other connected data.

'As per the Scale, Large Scale Maps are expected to hold a larger market size during the forecast period.'

Large-scale digital maps aid architects and urban designers in site analysis, building layout, and architectural design. They provide accurate depictions of existing conditions and help visualize proposed developments. Engineers use large-scale digital maps for



infrastructure planning, design, and construction. These maps assist in assessing terrain, analyzing drainage patterns, and determining suitable locations for roads, bridges, utilities, and other infrastructure.

'As per offerings, the digital map services will grow at the highest CAGR during the forecast period.'

By automating processes, companies use data map solutions to maintain high efficiency and lower costs. With the support of agile solutions, companies must ensure that their unique and customized needs are fulfilled. Consulting, deployment, and integration services in digital mapping involve providing expert guidance, assistance and support to organizations in effectively implementing and leveraging digital mapping technologies. These services help organizations navigate the complexities of digital mapping solutions, optimize their use, and integrate them seamlessly into existing workflows and systems.

Based on region, the Asia Pacific region will grow at the highest CAGR during the forecast period.

The digital maps market in the Asia Pacific region is expected to grow at the highest growth rates between 2024-2029. The digital map market in the Asia Pacific region is experiencing rapid growth, fueled by factors such as rapid urbanization, increasing smartphone penetration, booming e-commerce, government initiatives, emerging technologies like GIS and IoT, growing awareness of location intelligence, and collaborations between stakeholders. With a surge in demand for accurate mapping solutions for urban planning, logistics, smart city development, and emerging technologies like autonomous vehicles, the market is set to witness quick growth rates. This growth trajectory is further supported by the region's dynamic business landscape and the ongoing digital transformation across industries, making Asia Pacific a key battleground for digital mapping companies seeking expansion opportunities.

The breakup of the profiles of the primary participants is below:

By Company: Tier I: 30%, Tier II: 45%, and Tier III: 25%

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

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



5%

Note: Tier 1 companies have more than USD 10 billion, tier 2 companies' revenue ranges between USD 1 and 10 billion, and tier 3 companies' revenue ranges between USD 500 million and 1 billion. Other designations include sales managers, marketing managers, and product managers.

Source: Secondary Research, Interviews with Experts, and MarketsandMarkets Analysis

Some of the significant vendors offering digital map solutions across the globe include.

Google (US), Apple (US), TomTom (Netherlands), Esri(US), Here Technologies (Netherlands), Nearmap (Australia), Inrix (US), Lightbox (US), ServiceNow (US), Inpixon (US), Microsoft (US), and Maxar Technologies (US).

Research coverage:

The market study covers the digital map market across segments. It aims to estimate the market size and the growth potential of this market across different market segments, such as offering, mapping type, purpose, scale, application, vertical, and region. It includes an in-depth competitive analysis of the key players in the market, 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 with information on the closest approximations of the revenue numbers for the overall digital map market and the subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and plan suitable go-to-market strategies. The report also helps stakeholders understand the market pulse and provides information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

Analysis of key drivers (rise in smartphone and internet usage globally has significantly heightened the demand for digital maps, particularly for navigation



and real-time tracking purposes), opportunities (indoor mapping solutions offer a suite of benefits across diverse sectors, with applications spanning stadiums, airports, healthcare facilities, and beyond, indoor maps cater to a broad spectrum of industries, unlocking solutions for varied needs), and challenges (limited infrastructure and internet access, affecting approximately half of the global population, present significant challenges for the digital map market).

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the digital map market.

Market Development: Comprehensive information about lucrative markets – the report analyses the digital map market across varied regions.

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

Competitive Assessment: In-depth assessment of market shares, growth strategies, and business processes offered in the digital map market of leading players like Google(US), Apple(US), TomTom(Netherlands), Esri(US), Here Technologies(Netherlands), among others in the digital map market.



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