

Global Urban Planning Software and Services Market Size Study, by Component (Software, Services), by Deployment (Cloud-based, Web-based), by End Use (Government, Real Estate and Infrastructure Companies), and Regional Forecasts 2022-2032

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Abstracts

The global urban planning software and services market, valued at USD 146.9 billion in 2023, is anticipated to expand at a CAGR of 6.8% over the forecast period, reaching USD 265.56 billion by 2032. The growing need for efficient urban planning, driven by rapid urbanization, technological advancements, and the increasing focus on sustainable development, underpins the market's robust growth trajectory.

Urban planners increasingly rely on advanced software tools to visualize data, simulate scenarios, and make data-driven decisions. This is exemplified by the use of Geographic Information Systems (GIS) solutions like ArcGIS Urban, which integrate complex data into actionable insights for housing capacity assessments and sustainable development planning. Concurrently, the services segment, encompassing consulting and implementation solutions, is projected to grow at the fastest rate, owing to the rising complexity of urban challenges and the demand for tailored approaches.

The shift toward cloud-based platforms is reshaping the deployment landscape, offering scalability, real-time data access, and enhanced collaboration capabilities. Governments remain the largest end-users, leveraging these technologies to address climate change, population growth, and infrastructure modernization. Meanwhile, real estate and infrastructure companies are increasingly adopting advanced urban planning tools to optimize workflows, assess project feasibility, and ensure compliance with regulations.

The North American region is poised for significant growth, fueled by smart city projects and technological adoption. Asia Pacific, led by countries like China and India, dominates the global market due to rapid urbanization and robust government investments in sustainable urbanization initiatives.

Major market players included in this report are:

AECOM

Autodesk Inc.

Bentley Systems, Incorporated

Boston Consulting Group

Esri

CityCAD Technologies Limited

Trimble Inc.

Savannah Simulations

Stantec

UrbanFootprint, Inc.

The detailed segments and sub-segments of the market are explained below:

By Component:

Software

Services

By Deployment:

Cloud-based

Web-based

By End Use:

Government

Real Estate and Infrastructure Companies

By Region:

North America: U.S., Canada, Mexico

Europe: Germany, UK, France, Italy

Asia Pacific: China, Japan, India, Australia, South Korea

Latin America: Brazil

Middle East & Africa: UAE, Saudi Arabia, South Africa

Years Considered for the Study Are as Follows:

Historical Year – 2022

Base Year – 2023

Forecast Period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032

Annualized revenues and regional-level analysis for each market segment

Detailed analysis of the geographical landscape with country-level analysis of major regions

Competitive landscape with information on major players in the market

Analysis of key business strategies and recommendations for future market approach

Analysis of the competitive structure of the market

Demand-side and supply-side analysis of the market

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