+357 96 030922
info@marketpublishers.com

Urban Mobility & Smart Transportation Market Forecasts to 2032 – Global Analysis By Solution Type (Intelligent Traffic Management Systems, Smart Parking Solutions, Mobility-as-a-Service (MaaS) Platforms, Connected & Autonomous Vehicles (CAVs), Ride-Hailing & Ride-Sharing, Micromobility, and Other Solution Types), Service, Vehicle Type and By Geography

https://marketpublishers.com/r/U0A46F0CC0F7EN.html
Date: September 2025
Pages: 200
Price: US$ 4,150.00 (Single User License)
ID: U0A46F0CC0F7EN

Abstracts

According to Stratistics MRC, the Global Urban Mobility & Smart Transportation Market is accounted for $97.4 billion in 2025 and is expected to reach $246.8 billion by 2032 growing at a CAGR of 14.2% during the forecast period. This market focuses on innovative transportation solutions including electric vehicles, shared mobility, intelligent traffic systems, and micro-mobility platforms. Urban mobility solutions aim to reduce congestion, emissions, and commuting time. Growth is supported by smart city policies, infrastructure investments, and demand for sustainable transportation. Providers emphasize connectivity, real-time analytics, and multimodal integration. The market targets municipal authorities, transportation service providers, and urban commuters seeking efficient, eco-friendly, and cost-effective mobility solutions, while leveraging digital technologies for improved safety, sustainability, and operational efficiency.

According to the Ministry of Road Transport and Highways, over 6.5 lakh public vehicles in India were mandated to install Vehicle Location Tracking (VLT) and emergency buttons under AIS-140 standards in 2025.

Market Dynamics:

+357 96 030922
info@marketpublishers.com

Driver:

Increasing regulatory and environmental pressure

Increasing regulatory and environmental pressure is driving cities and transport authorities to adopt urban mobility and smart transportation solutions. Regulations on emissions, congestion pricing, and zero-emission vehicle mandates force public and private operators to modernize fleets and deploy intelligent systems that optimize traffic flows and reduce pollution. This policy push accelerates investments in electrification, connected infrastructure, and real-time traffic management. Moreover, compliance requirements create steady demand for monitoring, analytics, and communication technologies that underpin long-term market growth. It also spurs partnerships between cities, OEMs, and technology providers to scale solutions.

Restraint:

High upfront capital and infrastructure costs

Deploying sensors, communication networks, traffic controllers, charging stations, and data platforms requires large initial investments that can deter municipal budgets and private operators. Additionally, retrofitting legacy infrastructure to integrate new technologies often involves complex civil works and prolonged timelines. These financial and logistical barriers slow rollout in smaller cities and emerging markets, forcing stakeholders to seek phased deployments, public-private partnerships, and innovative financing to reduce immediate fiscal burdens and measurable return timelines urgently.

Opportunity:

Expansion of MaaS (Mobility-as-a-Service) platforms

MaaS aggregates public transit, shared micro-mobility, ride-hailing, and on-demand shuttles under unified apps, simplifying journey planning and payments. Furthermore, MaaS supports demand management and modal shift away from private cars, improving network efficiency and reducing emissions. Private operators and cities can monetize platforms through subscriptions, dynamic pricing, and advertising, creating new revenue streams that encourage broader technology deployment. It also encourages cross-sector partnerships, standardized data sharing, and pilots that lower

+357 96 030922
info@marketpublishers.com

adoption risks.

Threat:

Infrastructure limitations

Many urban areas lack sufficient fiber connectivity, charging networks, reliable power, and resilient public transit to support connected and electrified fleets at scale. Moreover, fragmented standards and uneven digital maturity across regions hamper interoperability and slow deployment of cross-border or intercity services. Consequently, technological advances alone cannot deliver expected gains without parallel investments in physical and digital infrastructure, coordinated planning, and regulatory alignment. This also risks reinforcing inequities where underserved neighborhoods receive delayed or inadequate upgrades.

Covid-19 Impact:

Covid-19 significantly disrupted the urban mobility and smart transportation market by reducing public transit ridership, slowing infrastructure projects, and shifting demand toward private and micro-mobility solutions. Lockdowns and travel restrictions forced authorities to reallocate budgets, delaying planned investments in traffic management and electrification. However, the pandemic accelerated digital adoption, including contactless ticketing, data-driven planning, and on-demand ride services. This dual effect reshaped priorities, with resilience, flexibility, and health-safety measures becoming central to long-term strategies for cities and operators.

The intelligent traffic management systems segment is expected to be the largest during the forecast period

The intelligent traffic management systems segment is expected to account for the largest market share during the forecast period due to increasing urbanization and growing concerns over traffic congestion. These systems integrate sensors, AI-driven analytics, and adaptive signaling to enhance real-time monitoring, reduce travel times, and lower emissions. Additionally, governments are prioritizing smart city investments that include advanced traffic platforms, further boosting adoption. With proven efficiency benefits and measurable environmental impact, intelligent traffic management remains the backbone of modern mobility planning and attracts continuous funding across major urban centers globally.

+357 96 030922
info@marketpublishers.com

The commercial vehicles segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the commercial vehicles segment is predicted to witness the highest growth rate as logistics, freight, and passenger transport operators increasingly invest in smart mobility solutions. The rise of e-commerce, growing urban delivery needs, and electrification initiatives drive demand for connected and sustainable commercial fleets. Moreover, governments are incentivizing the deployment of low-emission buses and trucks, complementing corporate sustainability goals. Integration with telematics, route optimization software, and predictive maintenance further accelerates adoption, making commercial vehicles a pivotal growth driver in the urban mobility transformation.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share, supported by strong regulatory frameworks, established infrastructure, and rapid adoption of connected mobility technologies. U.S. cities are at the forefront of smart city projects, emphasizing emission reduction, traffic decongestion, and improved commuter safety. Furthermore, extensive investment from technology firms, automakers, and government agencies ensures continuous innovation in autonomous driving and traffic management. Canada also contributes with nationwide sustainability goals and urban transport digitization, consolidating North America’s leading position in the global market.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR driven by accelerating urbanization, rising vehicle ownership, and ambitious government initiatives supporting smart city development. Countries such as China, India, and Japan are actively investing in intelligent traffic systems, electric vehicle infrastructure, and integrated mobility platforms. Additionally, rapid growth in ride-hailing, micro-mobility, and public transit modernization contributes to expanding adoption. Strong collaboration between governments and private players ensures scalable deployment, making Asia Pacific the most dynamic region for future mobility innovations and smart transportation advancements.

Key players in the market

+357 96 030922
info@marketpublishers.com

Some of the key players in Urban Mobility & Smart Transportation Market include Waymo LLC, Via Transportation, Inc., Uber Technologies, Inc., Lyft, Inc., Tesla, Inc., Siemens AG, Hitachi Ltd., Thales Group, Huawei Technologies Co., Ltd., IBM Corporation, Cisco Systems, Inc., Alstom SA, Bentley Systems, Incorporated, NEC Corporation, and Robert Bosch GmbH.

Key Developments:

In July 2025, Lyft has announced a strategic partnership with Benteler Mobility to launch autonomous shuttle services in the U.S. starting in late 2026. The collaboration will integrate Holon-branded autonomous shuttles, equipped with Mobileye technology, into the Lyft platform, with initial deployments planned in partnership with airports and cities. A new $100 million production facility in Jacksonville, Florida.

In April 2025, Hitachi ZeroCarbon has announced a partnership with JBM Electric Vehicles, a global EV Ecosystem player and leading electric bus OEM serving markets across India, Middle East, APAC and Europe, to integrate ZeroCarbon BatteryManager into electric bus transportation.

Solution Types Covered:

- Intelligent Traffic Management Systems
- Smart Parking Solutions
- Mobility-as-a-Service (MaaS) Platforms
- Connected & Autonomous Vehicles (CAVs)
- Ride-Hailing & Ride-Sharing
- Micromobility
- Other Solution Types

Services:

- Consulting

+357 96 030922
info@marketpublishers.com

- Integration & Deployment
- Support & Maintenance

Vehicle Types Covered:

- Public Transport
- Commercial Vehicles
- Passenger Cars

Regions Covered:

- North America
  - US
  - Canada
  - Mexico
- Europe
  - Germany
  - UK
  - Italy
  - France
  - Spain
  - Rest of Europe

+357 96 030922
info@marketpublishers.com

- 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

+357 96 030922
info@marketpublishers.com

What our report offers:
- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- 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 client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

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

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

9 KEY DEVELOPMENTS

10 COMPANY PROFILING

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Note: Tables for North America, Europe, APAC, South America, and Middle East &

+357 96 030922
info@marketpublishers.com

Africa Regions are also represented in the same manner as above.
=

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Urban Mobility & Smart Transportation Market Forecasts to 2032 – Global Analysis By Solution Type (Intelligent Traffic Management Systems, Smart Parking Solutions, Mobility-as-a-Service (MaaS) Platforms, Connected & Autonomous Vehicles (CAVs), Ride-Hailing & Ride-Sharing, Micromobility, and Other Solution Types), Service, Vehicle Type and By Geography

Product link: https://marketpublishers.com/r/U0A46F0CC0F7EN.html

Price: US$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/U0A46F0CC0F7EN.html