

# GPS Tracking Device Market - Forecast from 2026 to 2031

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## Abstracts

GPS Tracking Device Market, at a 15.04% CAGR, is expected to reach USD 8.604 billion in 2031, starting from USD 3.711 billion in 2025.

The GPS tracking device market encompasses the development, manufacturing, and deployment of devices that utilize the Global Positioning System to monitor the real-time location of assets, vehicles, and individuals. These devices serve a critical function across a diverse range of industries and applications, with primary end-uses including fleet management, asset tracking, personal safety, and law enforcement. The core value proposition lies in enabling optimized route planning, enhancing security protocols, and improving overall operational efficiency. The market's trajectory is shaped by the convergence of technological advancement and the growing imperative for data-driven management across commercial and public sectors.

### Primary Growth Drivers

A principal driver of market expansion is the increasing global adoption of sophisticated fleet management solutions. Businesses operating vehicle fleets are under continuous pressure to enhance operational efficiency, reduce costs, and ensure regulatory compliance. GPS tracking devices are foundational to this effort, providing real-time location data that allows operators to monitor vehicle movements, optimize routing to reduce fuel consumption and idle time, and analyze driver behavior for safety improvements. The quantifiable return on investment from these applications sustains a high rate of device integration into commercial and government vehicle fleets worldwide.

A parallel and reinforcing driver is the growing need for robust asset tracking solutions across industries such as logistics, construction, and healthcare. The loss or

misplacement of high-value equipment, shipments, and mobile assets represents a significant financial and operational risk. GPS tracking devices mitigate this risk by providing real-time location visibility and enabling the creation of virtual boundaries, or geofences, that trigger alerts. This capability allows businesses to secure valuable assets, improve utilization rates, and streamline inventory management. The integration of GPS tracking with broader Internet of Things (IoT) platforms further enhances its value by enabling comprehensive asset management ecosystems.

### Market Segment Analysis: The Advanced Tracker

Analysis of market segmentation indicates robust growth potential for the advanced tracker segment. These devices are distinguished by their integration of features that extend beyond basic location reporting. Capabilities such as advanced geofencing, detailed driver behavior monitoring (including harsh braking and acceleration), and seamless integration with other enterprise systems are becoming standard requirements. The demand for these advanced functionalities is fueled by the need for deeper operational insights, proactive security management, and the desire to leverage collected data for predictive analytics and process optimization.

### Geographical Outlook: North American Market Leadership

From a geographical perspective, North America constitutes a significant share of the global GPS tracking device market. This leadership position is supported by the region's mature and extensive transportation, logistics, and fleet management sectors, which represent a core base of early and sophisticated adopters. A regulatory environment that often mandates tracking for compliance and safety, particularly in commercial transportation, further stimulates demand. The region also benefits from a high concentration of established technology providers, vigorous research and development activities, and a general market maturity that encourages the continuous innovation and adoption of advanced tracking solutions. This combination of strong industrial demand and a supportive technological ecosystem consolidates North America's role as a key market.

### Market Considerations and Challenges

Despite the positive growth outlook, the market navigates several material constraints. Privacy concerns regarding the continuous monitoring of individuals and assets remain a prominent challenge, influencing regulatory discussions and user acceptance. The initial capital outlay and ongoing subscription costs for comprehensive tracking

platforms can also be a barrier to adoption for smaller enterprises. Furthermore, while GPS technology is highly advanced, occasional limitations in signal accuracy in dense urban or indoor environments can present operational challenges for certain applications. The competitive landscape is defined by vendors striving to differentiate their offerings through enhanced features, improved reliability, and greater integration capabilities to overcome these hurdles and capture market share.

#### Key Benefits of this Report:

**Insightful Analysis:** Gain detailed market insights covering major as well as emerging geographical regions, focusing on customer segments, government policies and socio-economic factors, consumer preferences, industry verticals, and other sub-segments.

**Competitive Landscape:** Understand the strategic maneuvers employed by key players globally to understand possible market penetration with the correct strategy.

**Market Drivers & Future Trends:** Explore the dynamic factors and pivotal market trends and how they will shape future market developments.

**Actionable Recommendations:** Utilize the insights to exercise strategic decisions to uncover new business streams and revenues in a dynamic environment.

**Caters to a Wide Audience:** Beneficial and cost-effective for startups, research institutions, consultants, SMEs, and large enterprises.

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Report Coverage:

Historical data from 2021 to 2025 & forecast data from 2026 to 2031

Growth Opportunities, Challenges, Supply Chain Outlook, Regulatory Framework, and Trend Analysis

Competitive Positioning, Strategies, and Market Share Analysis

Revenue Growth and Forecast Assessment of segments and regions including countries

Company Profiling (Strategies, Products, Financial Information, and Key Developments among others.

### GPS Tracking Devices Market Segmentation:

#### By Type

Standalone Tracker

OBD Device

Advanced Tracker

Others

#### By Application

Vehicle Tracking

Asset Tracking

Personal Tracking

Others

#### By End-User

Building & Construction

Government & Defense

Automotive

Aerospace

Logistics

Others

By Geography

North America

USA

Canada

Mexico

South America

Brazil

Argentina

Others

## Europe

Germany

France

United Kingdom

Spain

Italy

Others

## Middle East and Africa

Saudi Arabia

UAE

Israel

Others

Asia Pacific

China

India

Japan

South Korea

Indonesia

Thailand

Others

## Contents

### **1. EXECUTIVE SUMMARY**

### **2. MARKET SNAPSHOT**

- 2.1. Market Overview
- 2.2. Market Definition
- 2.3. Scope of the Study
- 2.4. Market Segmentation

### **3. BUSINESS LANDSCAPE**

- 3.1. Market Drivers
- 3.2. Market Restraints
- 3.3. Market Opportunities
- 3.4. Porter's Five Forces Analysis
- 3.5. Industry Value Chain Analysis
- 3.6. Policies and Regulations
- 3.7. Strategic Recommendations

### **4. TECHNOLOGICAL OUTLOOK**

### **5. GPS TRACKING DEVICES MARKET BY TYPE**

- 5.1. Introduction
- 5.2. Standalone Tracker
- 5.3. OBD Device
- 5.4. Advanced Tracker
- 5.5. Others

### **6. GPS TRACKING DEVICES MARKET BY APPLICATION**

- 6.1. Introduction
- 6.2. Vehicle Tracking
- 6.3. Asset Tracking
- 6.4. Personal Tracking
- 6.5. Others

## **7. GPS TRACKING DEVICES MARKET BY END-USER**

- 7.1. Introduction
- 7.2. Bulding & Construction
- 7.3. Government & Defense
- 7.4. Automtive
- 7.5. Aerospace
- 7.6. Logistics
- 7.7. Others

## **8. GPS TRACKING DEVICES MARKET BY GEOGRAPHY**

- 8.1. Introduction
- 8.2. North America
  - 8.2.1. USA
  - 8.2.2. Canada
  - 8.2.3. Mexico
- 8.3. South America
  - 8.3.1. Brazil
  - 8.3.2. Argentina
  - 8.3.3. Others
- 8.4. Europe
  - 8.4.1. Germany
  - 8.4.2. France
  - 8.4.3. United Kingdom
  - 8.4.4. Spain
  - 8.4.5. Italy
  - 8.4.6. Others
- 8.5. Middle East and Africa
  - 8.5.1. Saudi Arabia
  - 8.5.2. UAE
  - 8.5.3. Israel
  - 8.5.4. Others
- 8.6. Asia Pacific
  - 8.6.1. China
  - 8.6.2. India
  - 8.6.3. Japan
  - 8.6.4. South Korea
  - 8.6.5. Indonesia

8.6.6. Thailand

8.6.7. Others

## **9. COMPETITIVE ENVIRONMENT AND ANALYSIS**

9.1. Major Players and Strategy Analysis

9.2. Market Share Analysis

9.3. Mergers, Acquisitions, Agreements, and Collaborations

9.4. Competitive Dashboard

## **10. COMPANY PROFILES**

10.1. Meitrack Group

10.2. Geotab Inc.

10.3. ATrack Technology Inc

10.4. Trackimo Group

10.5. Semtech Corporation

10.6. Calamp Corp

10.7. Blackbox GPS Technology Pvt. Ltd.

10.8. Teltonika Telematics

10.9. ORBCOMM Inc

10.10. Queclink Wireless Solutions Co., Ltd.

## **11. APPENDIX**

11.1. Currency

11.2. Assumptions

11.3. Base and Forecast Years Timeline

11.4. Key Benefits for the Stakeholders

11.5. Research Methodology

11.6. Abbreviations

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