

Advanced Traveller Information System (ATIS) Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

Market Report | 2024-12-18 | 175 pages | Global Market Insights

AVAILABLE LICENSES:

- Single User \$4850.00
- Multi User \$6050.00
- Enterprise User \$8350.00

Report description:

The Global Advanced Traveller Information System Market, valued at USD 5.8 billion in 2024, is expected to grow at an impressive CAGR of 9.8% from 2025 to 2034. This growth is primarily driven by the increasing urbanization and the escalating issue of traffic congestion in cities worldwide. With more people living in densely populated urban areas, the demand for efficient traffic management and real-time information is higher than ever.

The surge in smartphone usage and the rapid adoption of Internet of Things (IoT) devices are playing a crucial role in fueling the ATIS market's expansion. Today, mobile apps offer convenient access to traffic updates, alternative routes, and public transportation schedules, enabling users to make smarter travel decisions. Additionally, IoT sensors embedded in roads and vehicles capture real-time data about traffic conditions, weather, and accidents, creating an integrated system of timely and accurate travel information. This combination of mobile technology and IoT capabilities enhances ATIS, improving traffic flow, reducing congestion, and boosting overall mobility.

The ATIS market is segmented into three core components: hardware, software, and services. By 2034, the passenger car segment is expected to reach USD 4.5 billion, holding a significant 40% share of the market. This growth is driven by the increasing investments in essential hardware components such as sensors, cameras, and IoT devices. These technologies are pivotal for monitoring traffic, collecting data, and integrating seamlessly with ATIS systems to optimize traffic management and urban mobility. The affordability and reliability of smart traffic sensors and connected devices, thanks to IoT advancements, further strengthen ATIS' ability to provide precise, real-time traffic information.

The ATIS market serves several key applications, including traffic management, route navigation, real-time information delivery, emergency services, public transportation integration, and parking management. In 2024, traffic management accounted for 31% of the market share. As the population of cities continues to grow and the number of vehicles increases, traffic congestion is becoming an ever-greater challenge. ATIS plays a vital role by providing real-time traffic updates, suggesting alternate routes, and

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

managing congestion, thereby improving mobility and reducing delays for travellers.

North America represents a major portion of the global ATIS market, holding 35% of the share in 2024. In this region, substantial investments in smart infrastructure are accelerating the adoption of ATIS solutions for traffic management, public transportation, and parking systems. Both public and private sectors in North America are committed to enhancing road safety and reducing traffic-related fatalities, which has contributed to the widespread deployment of ATIS technologies. These systems deliver real-time updates on accidents, road conditions, construction zones, and weather-related disruptions, empowering drivers to make informed decisions and avoid potential hazards on the road.

Table of Contents:

Report Content

Chapter 1Methodology & Scope

1.1Research design

1.1.1Research approach

1.1.2Data collection methods

1.2Base estimates & calculations

1.2.1Base year calculation

1.2.2Key trends for market estimation

1.3Forecast model

1.4Primary research and validation

1.4.1Primary sources

1.4.2Data mining sources

1.5Market scope & definition

Chapter 2Executive Summary

2.1Industry 360 synopsis, 2021 - 2034

Chapter 3Industry Insights

3.1Industry ecosystem analysis

3.1.1Supplier landscape

3.1.2Profit margin analysis

3.2Technology & innovation landscape

3.3Patent analysis

3.4Key news & initiatives

3.5Regulatory landscape

3.6Impact forces

3.6.1Growth drivers

3.6.1.1Increasing demand for real-time traffic and navigation solutions

3.6.1.2Growth in smart city initiative

3.6.1.3Rising penetration of smartphones and GPS-enabled devices

3.6.1.4Expanding public transportation networks requiring advanced information systems for seamless travel

3.6.2Industry pitfalls & challenges

3.6.2.1High implementation costs

3.6.2.2Complexity of integration

3.7Growth potential analysis

3.8Porter's analysis

3.9PESTEL analysis

Chapter 4 Competitive Landscape, 2024

4.1 Introduction

4.2 Company market share analysis

4.3 Competitive positioning matrix

4.4 Strategic outlook matrix

Chapter 5 Market Estimates & Forecast, By Component, 2021 - 2034 (\$Bn)

5.1 Key trends

5.2 Hardware

5.2.1 Sensors

5.2.2 Displays

5.2.3 Communication devices

5.2.4 Others

5.3 Software

5.3.1 Route optimization platforms

5.3.2 Predictive analytics tools

5.3.3 Mobile applications

5.3.4 Cloud-based information systems

5.4 Services

5.4.1 Data collection and integration

5.4.2 System deployment and integration

5.4.3 Maintenance and support

Chapter 6 Market Estimates & Forecast, By Deployment Mode, 2021 - 2034 (\$Bn)

6.1 Key trends

6.2 On-premise

6.3 Cloud

6.4 Hybrid

Chapter 7 Market Estimates & Forecast, By Technology, 2021 - 2034 (\$Bn)

7.1 Key trends

7.2 Cellular network-based system

7.3 Satellite-based system

7.4 GPS-enabled system

7.5 Wireless communication system

Chapter 8 Market Estimates & Forecast, By Application, 2021 - 2034 (\$Bn)

8.1 Key trends

8.2 Traffic management

8.3 Route navigation

8.4 Real-time information delivery

8.5 Emergency services

8.6 Public transportation integration

8.7 Parking management

Chapter 9 Market Estimates & Forecast, By Mode of Transportation, 2021 - 2034 (\$Bn)

9.1 Key trends

9.2 Railways

9.3 Waterways

9.4 Roadways

9.5 Airways

Chapter 10 Market Estimates & Forecast, By End Use, 2021 - 2034 (\$Bn)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 10.1 Key trends
- 10.2 Government
- 10.3 Transportation companies
- 10.4 Travel agencies
- 10.5 Individual travelers
- Chapter 11 Market Estimates & Forecast, By Region, 2021 - 2034 (\$Bn)
- 11.1 Key trends
- 11.2 North America
 - 11.2.1 U.S.
 - 11.2.2 Canada
- 11.3 Europe
 - 11.3.1 UK
 - 11.3.2 Germany
 - 11.3.3 France
 - 11.3.4 Italy
 - 11.3.5 Spain
 - 11.3.6 Russia
 - 11.3.7 Nordics
- 11.4 Asia Pacific
 - 11.4.1 China
 - 11.4.2 India
 - 11.4.3 Japan
 - 11.4.4 Australia
 - 11.4.5 South Korea
 - 11.4.6 Southeast Asia
- 11.5 Latin America
 - 11.5.1 Brazil
 - 11.5.2 Mexico
 - 11.5.3 Argentina
- 11.6 MEA
 - 11.6.1 UAE
 - 11.6.2 South Africa
 - 11.6.3 Saudi Arabia
- Chapter 12 Company Profiles
- 12.1 Aconex
- 12.2 Amadeus IT Group
- 12.3 ComplyAdvantage
- 12.4 Cubic
- 12.5 Garmin
- 12.6 HERE Technologies
- 12.7 IBM
- 12.8 Indra Sistemas
- 12.9 Iteris
- 12.10 Kapsch TrafficCom
- 12.11 Oracle
- 12.12 Parkopedia
- 12.13 PTV Group

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

12.14 SAS Institute
12.15 Siemens
12.16 Tom Tom
12.17 Trimble
12.18 Uber Technologies
12.19 Verizon Communications
12.20 Xerox

Advanced Traveller Information System (ATIS) Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

Market Report | 2024-12-18 | 175 pages | Global Market Insights

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User	\$4850.00
	Multi User	\$6050.00
	Enterprise User	\$8350.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

☐ ** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2025-06-25"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com



Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com
www.scotts-international.com