

**North America Adaptive Traffic Control System Market Forecast to 2030 - Regional Analysis - by Type (Hardware, Software, and Services), Component (OPAC, SCOOT, RHODES, and SCATS), and Application [Highways and Urban (Cities)]**

Market Report | 2023-10-27 | 122 pages | The Insight Partners

**AVAILABLE LICENSES:**

- Single User Price \$3000.00
- Site Price \$4000.00
- Enterprise Price \$5000.00

**Report description:**

The North America adaptive traffic control system market is expected to grow from US\$ 2,078.58 million in 2022 to US\$ 8,391.82 million by 2030. It is estimated to grow at a CAGR of 19.1% from 2022 to 2030.

**Increasing Urban Population and Vehicle Sales Fuels North America Adaptive Traffic Control System Market**

The world's population has increased more than three times than it was in the mid-twentieth century, which is increasing the migration of people from rural to urban areas for better jobs and lifestyles. According to the United Nations Organization, 55% of the world's population lives in urban areas. It is seen that largest city of Mexico City (~22 million inhabitants). The growing urban population puts high stress on the roadways, raising traffic congestion in urban cities. Also, the growing urban population has raised the demand for ride-hailing services from cab aggregators such as Uber, Grab, Ola, and Lyft, simultaneously surging the number of vehicles on the road, leading to traffic congestion. The growing urbanization has also led to the growth of e-commerce and on-demand platforms, leading to the growth of traffic in various urban areas, increasing the demand for adaptive traffic control systems to manage the traffic flow.

The sales of vehicles are increasing tremendously. According to the International Organization of Motor Vehicle Manufacturers (OICA), in the US, vehicle sales jumped from 14,881,356 in 2020 to 15,408,565 in 2021. Thus, the growing urbanization and vehicle sales, which raise traffic congestion, propel the demand for adaptive traffic control system installations for traffic management.

**North America Adaptive Traffic Control System Market Overview**

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

The North America adaptive traffic control system market is segmented into the US, Canada, and Mexico. Technological advancements have led to a highly competitive market in the region with the rising incorporation of new technologies due to increased spending power. The adoption rate of new technologies also supports the development of urban cities, which emphasizes the development of urban planning systems and smart cities. Governments of various countries in the region have announced their primary plans for infrastructural development that support the development of vehicular networks. There is a strong presence of companies that are integrating adaptive traffic control systems with advanced technologies to ease traffic congestion. Some of these companies are Cubic Transportation Systems Inc, Miovision Technologies Inc, Rhythm Engineering Inc, Miovision Technologies Inc, Kimley-Horn and Associates Inc, and Econolite Group Inc.

#### North America Adaptive Traffic Control System Market Revenue and Forecast to 2030 (US\$ Million)

#### North America Adaptive Traffic Control System Market Segmentation

The North America adaptive traffic control system market is segmented into type, component, application, and country.

Based on type, the North America adaptive traffic control system market is segmented into hardware, software, and services. The software segment accounted the largest share of the North America adaptive traffic control system market in 2022.

Based on component, the North America adaptive traffic control system market is divided into OPAC, SCOOT, RHODES, and SCATS. The SCATS segment held the largest share of the North America adaptive traffic control system market in 2022.

Based on application, the North America adaptive traffic control system market is bifurcated into highways and urban (cities). The urban (cities) segment accounted a larger share of the North America adaptive traffic control system market in 2022.

Based on country, the North America adaptive traffic control system market is segmented into the US, Canada, and Mexico. The US dominated the North America adaptive traffic control system market in 2022.

Aldridge Traffic Controllers Pty Ltd, Cubic Transportation Systems Inc, Econolite Group Inc, Johnson Controls International Plc, Kapsch TrafficCom AG, Kimley-Horn and Associates Inc, Miovision Technologies Inc, No Traffic, Q-Free ASA, and Rhythm Engineering Inc are some of the leading companies operating in the North America adaptive traffic control system market.

#### Table of Contents:

##### TABLE OF CONTENTS

- 1. Introduction
  - 1.1 Study Scope
  - 1.2 The Insight Partners Research Report Guidance
  - 1.3 Market Segmentation
- 2. Key Takeaways
- 3. Research Methodology
  - 3.1 Coverage
  - 3.2 Secondary Research
  - 3.3 Primary Research
- 4. North America Adaptive Traffic Control System Market Landscape
  - 4.1 Market Overview
  - 4.2 North America PEST Analysis

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 4.3 Ecosystem Analysis
- 4.4 Expert Opinions
- 5. North America Adaptive Traffic Control System Market - Key Industry Dynamics
  - 5.1 Market Drivers
    - 5.1.1 Increasing Urban Population and Vehicle Sales
    - 5.1.2 Growing Investments in Roadway Infrastructure
  - 5.2 Market Restraints
    - 5.2.1 Increasing Security Threats
  - 5.3 Market Opportunities
    - 5.3.1 Development of Smart Cities
  - 5.4 Future Trends
    - 5.4.1 Growing Adoption of AI in Traffic Management Systems
  - 5.5 Impact Analysis of Drivers and Restraints
- 6. Adaptive Traffic Control System Market - North America Market Analysis
  - 6.1 North America Adaptive Traffic Control System Market Overview
  - 6.2 North America Adaptive Traffic Control System Market Forecast and Analysis
- 7. North America Adaptive Traffic Control System Market Revenue and Forecast to 2030 - Component
  - 7.1 Overview
  - 7.2 North America Adaptive Traffic Control System Market Breakdown, By Component, 2022 and 2030
  - 7.3 Hardware
    - 7.3.1 Overview
    - 7.3.2 Hardware: North America Adaptive Traffic Control System Market- Forecast and Analysis
  - 7.4 Software
    - 7.4.1 Overview
    - 7.4.2 Software: North America Adaptive Traffic Control System Market- Forecast and Analysis
  - 7.5 Services
    - 7.5.1 Overview
    - 7.5.2 Services: North America Adaptive Traffic Control System Market- Forecast and Analysis
- 8. North America Adaptive Traffic Control System Market Analysis - By Type
  - 8.1 Overview
  - 8.2 North America Adaptive Traffic Control System Market Breakdown, by Type, 2022 and 2030
  - 8.3 OPAC
    - 8.3.1 Overview
    - 8.3.2 OPAC: North America Adaptive Traffic Control System Market- Forecast and Analysis
  - 8.4 SCOOT
    - 8.4.1 Overview
    - 8.4.2 SCOOT: North America Adaptive Traffic Control System Market- Forecast and Analysis
  - 8.5 RHODES
    - 8.5.1 Overview
    - 8.5.2 RHODES: North America Adaptive Traffic Control System Market- Forecast and Analysis
  - 8.6 SCATS
    - 8.6.1 Overview
    - 8.6.2 SCATS: North America Adaptive Traffic Control System Market- Forecast and Analysis
- 9. North America Adaptive Traffic Control System Market Revenue and Forecast to 2030 - Application
  - 9.1 Overview
  - 9.2 North America Adaptive Traffic Control System Market Breakdown, by Application, 2022 and 2030
  - 9.3 Highways

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 9.3.1 Overview
- 9.3.2 Highways: North America Adaptive Traffic Control System Market- Forecast and Analysis
- 9.4 Urban (Cities)
- 9.4.1 Overview
- 9.4.2 Urban (Cities): North America Adaptive Traffic Control System Market- Forecast and Analysis
- 10. North America Adaptive Traffic Control System Market - Country Analysis
- 10.1 Overview
- 10.1.1 North America Adaptive Traffic Control System Market, by Key Country
- 10.1.1.1 US: North America Adaptive Traffic Control System Market - Revenue and Forecast to 2030 (US\$ Million)
- 10.1.1.1.1 US: North America Adaptive Traffic Control System Market- Forecast and Analysis
- 10.1.1.1.2 US: North America Adaptive Traffic Control System Market, by Type
- 10.1.1.1.3 US: North America Adaptive Traffic Control System Market- Forecast and Analysis
- 10.1.1.2 Canada: North America Adaptive Traffic Control System Market - Revenue and Forecast to 2030 (US\$ Million)
- 10.1.1.2.1 Canada: North America Adaptive Traffic Control System Market- Forecast and Analysis
- 10.1.1.2.2 Canada: North America Adaptive Traffic Control System Market, by Type
- 10.1.1.2.3 Canada: North America Adaptive Traffic Control System Market- Forecast and Analysis
- 10.1.1.3 Mexico: North America Adaptive Traffic Control System Market - Revenue and Forecast to 2030 (US\$ Million)
- 10.1.1.3.1 Mexico: North America Adaptive Traffic Control System Market- Forecast and Analysis
- 10.1.1.3.2 Mexico: North America Adaptive Traffic Control System Market, by Type
- 10.1.1.3.3 Mexico: North America Adaptive Traffic Control System Market- Forecast and Analysis
- 11. Industry Landscape
- 11.1 Overview
- 11.2 Market Initiative
- 11.3 Product Development
- 11.4 Mergers & Acquisitions
- 12. Company Profiles
- 12.1 Aldridge Traffic Controllers Pty Ltd
- 12.1.1 Key Facts
- 12.1.2 Business Description
- 12.1.3 Products and Services
- 12.1.4 Financial Overview
- 12.1.5 SWOT Analysis
- 12.1.6 Key Developments
- 12.2 Kapsch TrafficCom AG
- 12.2.1 Key Facts
- 12.2.2 Business Description
- 12.2.3 Products and Services
- 12.2.4 Financial Overview
- 12.2.5 SWOT Analysis
- 12.2.6 Key Developments
- 12.3 Cubic Transportation Systems Inc
- 12.3.1 Key Facts
- 12.3.2 Business Description
- 12.3.3 Products and Services
- 12.3.4 Financial Overview
- 12.3.5 SWOT Analysis
- 12.3.6 Key Developments

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

## 12.4 Johnson Controls International Plc

### 12.4.1 Key Facts

### 12.4.2 Business Description

### 12.4.3 Products and Services

### 12.4.4 Financial Overview

### 12.4.5 SWOT Analysis

### 12.4.6 Key Developments

## 12.5 Vivacity Labs Ltd

### 12.5.1 Key Facts

### 12.5.2 Business Description

### 12.5.3 Products and Services

### 12.5.4 Financial Overview

### 12.5.5 SWOT Analysis

### 12.5.6 Key Developments

## 12.6 Miovision Technologies Inc

### 12.6.1 Key Facts

### 12.6.2 Business Description

### 12.6.3 Products and Services

### 12.6.4 Financial Overview

### 12.6.5 SWOT Analysis

### 12.6.6 Key Developments

## 12.7 Rhythm Engineering Inc

### 12.7.1 Key Facts

### 12.7.2 Business Description

### 12.7.3 Products and Services

### 12.7.4 Financial Overview

### 12.7.5 SWOT Analysis

### 12.7.6 Key Developments

## 12.8 No Traffic

### 12.8.1 Key Facts

### 12.8.2 Business Description

### 12.8.3 Products and Services

### 12.8.4 Financial Overview

### 12.8.5 SWOT Analysis

### 12.8.6 Key Developments

## 12.9 Kimley-Horn and Associates Inc

### 12.9.1 Key Facts

### 12.9.2 Business Description

### 12.9.3 Products and Services

### 12.9.4 Financial Overview

### 12.9.5 SWOT Analysis

### 12.9.6 Key Developments

## 12.10 Q-Free ASA

### 12.10.1 Key Facts

### 12.10.2 Business Description

### 12.10.3 Products and Services

### 12.10.4 Financial Overview

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 12.10.5 SWOT Analysis
- 12.10.6 Key Developments
- 12.11 Econolite Group Inc
  - 12.11.1 Key Facts
  - 12.11.2 Business Description
  - 12.11.3 Products and Services
  - 12.11.4 Financial Overview
  - 12.11.5 SWOT Analysis
  - 12.11.6 Key Developments
- 13. Appendix
  - 13.1 About The Insight Partners
  - 13.2 Word Index

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

**North America Adaptive Traffic Control System Market Forecast to 2030 - Regional Analysis - by Type (Hardware, Software, and Services), Component (OPAC, SCOOT, RHODES, and SCATS), and Application [Highways and Urban (Cities)]**

Market Report | 2023-10-27 | 122 pages | The Insight Partners

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 Price	\$3000.00
	Site Price	\$4000.00
	Enterprise Price	\$5000.00
		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	2025-05-03

**Scotts International. EU Vat number: PL 6772247784**

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

www.scotts-international.com

Signature

A large, empty rectangular box with a thin black border, intended for a signature.

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)