

Traffic Management Market by Solutions (ELV, Full Pedestrian, Led Signals & Retrofit Solutions, Intersection Controllers Parking Space and Toll Management), Detection (AGPVD, Loop Detection & CCTV and ANPR), & by Region - Global forecast to 2020

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Abstracts

“Rapid urbanization, population explosion, and demand for real-time information are some of the factors expected to drive the growth of the traffic management system market”

MarketsandMarkets expects the global traffic management system market to grow from USD 4.12 billion in 2015 to USD 17.64 billion by 2020, at a Compound Annual Growth Rate (CAGR) of 33.8% during the forecast period. Increasing environmental concerns, rapid urbanization and population explosion, and demand for real-time information are the main drivers driving the growth of the traffic management system market.

“Parking space & toll management solutions is expected to gain maximum traction during the forecast period”

In 2015, parking space & toll management accounts for the largest market share in the traffic management system market, by solution during the forecast period. Increasing population along with rapid proliferation of the number of vehicles due to urbanization, have resulted in parking space issues along with the need to manage the toll services. Moreover, narrow roads and sparse land space has added more to the problem of parking. This has generated the demand for parking management solutions to manage parking and curb traffic congestion. Toll management has also become a necessary

aspect of traffic management as this helps in centralized toll payment, cashless toll payment, reducing toll submitting time, and faster payment processing.

“Asa-Pacific is witnessing the highest growth rate during the forecast period”

North America has captured the largest market share in 2015 and Asia-Pacific is the fastest growing region in terms of CAGR. Increasing population has led to a rapid increase in the number of vehicles in Asia-Pacific. This eventually leads to traffic management issues such as traffic congestion, parking problems, and accidents. These issues have led the countries in this region to embrace various traffic management solutions that will lead to more development during the forecast period. Increasing cloud adoption and traffic issues are driving the traffic management system market in North America.

In the process of determining and verifying the market size for several segments and subsegments gathered through secondary research, extensive primary interviews were conducted with key people. The break-up of profiles of primary participants is given below as:

By Company Type: Tier 1 – 50%, Tier 2 – 25% and Tier 3 – 25%

By Designation: C level – 75%, Director level – 24%, Others – 1%

By Region: North America – 50%, Europe – 25%, APAC – 25%

The latest trends in the traffic management market include real-time traffic management, remote monitoring system, data management, and Software as a Service (SaaS) based solutions and Internet of Things. Rapid urbanization and the emerging concept of smart cities and smart traffic have further boosted the demand for SaaS-based solutions in the traffic management system market. Asia-Pacific is also gaining high market traction due to the improving economic condition and increasing cloud adoption in the region.

The various key traffic management vendors and service providers profiled in the report are as follows:

1. IBM Corporation
2. Cisco Systems Inc.

3. GE Transportation
4. Siemens AG
5. LG CNS
6. Alstom SA
7. Cubic Corporation
8. Kapsch TraffiCom
9. Cellint Traffic Solution
10. Kapsch AG

The report will help the market leaders or new entrants in this market in the following ways:

1. This report segments the market into various sub-segments covering this market comprehensively. The report provides the closest approximations of the revenue numbers for the overall market and the sub-segments. The market numbers are further split across the different regions.
2. This report will help in the better understanding of the competitors and gain more insights to better one's position in business. There is a separate section on competitive landscape, which includes competitor ecosystem, mergers and acquisitions, integrations and expansions and collaborations of various market vendors. Besides, there are company profiles of ten players in this market. In this section, market internals are provided that can put one ahead of the competitors.
3. The report also helps in understanding the overall growth of the market. It provides information on key market drivers, restraints, challenges, and opportunities.

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
 - 1.3.1 MARKETS COVERED
 - 1.3.2 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 LIMITATIONS
- 1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY DATA
 - 2.1.1.1 Key data from secondary sources
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Key data from primary sources
 - 2.1.2.2 Key industry insights
 - 2.1.2.3 Breakdown of primary interviews
- 2.2 MARKET SIZE ESTIMATION
 - 2.2.1 BOTTOM-UP APPROACH
 - 2.2.2 TOP-DOWN APPROACH
- 2.3 MARKET BREAKDOWN AND DATA TRIANGULATION
- 2.4 ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE MARKET OPPORTUNITIES IN THE TRAFFIC MANAGEMENT MARKET
- 4.2 TRAFFIC MANAGEMENT MARKET, BY SOLUTION AND DETECTION
- 4.3 TRAFFIC MANAGEMENT MARKET, BY SOLUTION
- 4.4 TRAFFIC MANAGEMENT DISPLAY MARKET
- 4.5 LIFE CYCLE ANALYSIS, BY REGION 2015

5 TRAFFIC MANAGEMENT: PROJECTS

- 5.1 AMSTERDAM SMART CITY
- 5.2 SMART CITY KOCHI, INDIA
- 5.3 SMART PARKING PROJECT—MONTREAL, CANADA
- 5.4 ELIZABETH RIVER TUNNELS PROJECT—U.S.
- 5.5 ROHTANG TUNNEL AT LAHAUL—SPITI VALLEY, INDIA
- 5.6 VILNIUS TRAFFIC MANAGEMENT SYSTEM—LITHUANIA
- 5.7 JOHNSON COUNTY GATEWAY INTERCHANGE PROJECT—KANSAS, U.S.
- 5.8 LUSAIL EXPRESSWAY—QATAR
- 5.9 INUVIK TO TUKTOYAKTUK HIGHWAY PROJECT—CANADA

6 MARKET OVERVIEW

6.1 MARKET SEGMENTATION

- 6.1.1 BY SYSTEM
- 6.1.2 BY TYPE
- 6.1.3 BY REGION

6.2 MARKET DYNAMICS

6.2.1 DRIVERS

- 6.2.1.1 Environmental concerns (reducing greenhouse emission)
- 6.2.1.2 Rapid urbanization and population explosion
- 6.2.1.3 Demand for real-time information

6.2.2 RESTRAINTS

- 6.2.2.1 Lack of funding and capital expenditure
- 6.2.2.2 Transformation downtime

6.2.3 OPPORTUNITIES

- 6.2.3.1 Increasing concept of smart cities and smart transportation projects
- 6.2.3.2 Analytical solutions
- 6.2.3.3 Penetration of SaaS-based solutions and adoption of IoT

6.2.4 CHALLENGES

- 6.2.4.1 Reshaping legacy infrastructure into smart traffic solutions
- 6.2.4.2 High security risk

6.2.5 TECHNICAL CHALLENGES

- 6.2.5.1 Technology selection
- 6.2.5.2 Data dependency and integration
- 6.2.5.3 Interoperability within legacy system and modern transportation

7 INDUSTRY TRENDS

7.1 INTRODUCTION

7.2 PORTER'S FIVE FORCES ANALYSIS

7.2.1 THREAT OF NEW ENTRANTS

7.2.2 THREAT OF SUBSTITUTES

7.2.3 BARGAINING POWER OF SUPPLIERS

7.2.4 BARGAINING POWER OF BUYERS

7.2.5 INTENSITY OF COMPETITIVE RIVALRY

7.3 STRATEGIC BENCHMARKING

7.4 ARCHITECTURE AND CONNECTIVITY ELEMENT

8 TRAFFIC MANAGEMENT SYSTEM MARKET ANALYSIS, BY SYSTEM TYPE

8.1 INTRODUCTION

8.2 URBAN TRAFFIC MANAGEMENT AND CONTROL (UTMC) SYSTEM

8.3 ADAPTIVE TRAFFIC CONTROL SYSTEM (ATCS)

8.4 JOURNEY TIME MEASUREMENT SYSTEM (JTMS)

8.5 PREDICTIVE TRAFFIC MODELING SYSTEM (PTMS)

8.6 INCIDENT DETECTION AND LOCATION SYSTEM (IDLS)

8.7 ROUTE GUIDANCE SYSTEM

8.8 DYNAMIC TRAFFIC MANAGEMENT SYSTEM (DTMS)

8.9 INTERMODAL TRANSPORTATION PLANNING SYSTEM (ITPS)

8.10 TRAFFIC MANAGEMENT TRAINING SYSTEM (TMTS)

8.11 MAINTENANCE TRACKING SYSTEM (MTS)

8.12 TRAFFIC DATA MANAGEMENT SYSTEM (TDMS)

8.13 OTHERS

9 TRAFFIC MANAGEMENT SYSTEM MARKET ANALYSIS, BY ROAD TRAFFIC MANAGEMENT TYPE

9.1 INTRODUCTION

9.2 SOLUTIONS

9.2.1 EXTRA LOW VOLTAGE (ELV) SOLUTIONS

9.2.1.1 Intersection controllers

9.2.1.2 Full pedestrian solutions

9.2.1.3 LED signals and retrofit solutions

9.2.1.4 Parking space and toll management solutions

9.3 DETECTION

9.3.1 ABOVE-GROUND PEDESTRIAN AND VEHICLE DETECTION (AGPVD)

9.3.2 LOOP DETECTION

9.3.3 CCTV AND ANPR CAPABILITIES

9.4 DISPLAY

9.4.1 VARIABLE MESSAGE SIGN

9.4.2 VEHICLE INFORMATION TERMINAL

9.4.3 OTHERS

10 GEOGRAPHIC ANALYSIS

10.1 INTRODUCTION

10.2 NORTH AMERICA

10.3 WESTERN EUROPE

10.4 EASTERN EUROPE + CIS

10.5 ASIA-PACIFIC

10.6 LATIN AMERICA

10.7 MIDDLE EAST AND AFRICA

11 COMPETITIVE LANDSCAPE

11.1 OVERVIEW

11.2 COMPETITIVE SITUATION AND TRENDS

11.2.1 NEW PRODUCT LAUNCHES

11.2.2 ACQUISITIONS

11.2.3 PARTNERSHIPS AND AGREEMENTS

11.2.4 JOINT VENTURES AND EXPANSIONS

12 COMPANY PROFILE

(Business Overview, Products & Services, Key Insights, Recent Developments, SWOT Analysis, MnM View)*

12.2 ACCENTURE PLC

12.3 KAPSCH AG

12.4 SIEMENS AG

12.5 ALSTOM HOLDING SA

12.6 CISCO SYSTEM, INC.

12.7 CUBIC CORPORATION

12.8 GE TRANSPORTATION

12.9 IBM CORPORATION

12.10 CELLINT

12.11 LG CNS

*Details on Business Overview, Products & Services, Key Insights, Recent Developments, SWOT Analysis, MnM View might not be captured in case of unlisted companies.

13 APPENDIX

13.1 INDUSTRY EXCERPTS

13.2 DISCUSSION GUIDE

13.3 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE

13.4 RELATED REPORTS

List Of Tables

LIST OF TABLES

TABLE 1 TRAFFIC MANAGEMENT MARKET SIZE AND GROWTH, 2013–2020 (USD MILLION, Y-O-Y %)

TABLE 2 TRAFFIC MANAGEMENT MARKET: SUMMARY OF DRIVERS

TABLE 3 TRAFFIC MANAGEMENT MARKET: SUMMARY OF RESTRAINTS

TABLE 4 TRAFFIC MANAGEMENT MARKET: SUMMARY OF OPPORTUNITIES

TABLE 5 TRAFFIC MANAGEMENT MARKET: SUMMARY OF CHALLENGES

TABLE 6 TRAFFIC MANAGEMENT MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

TABLE 7 UTMCS: TRAFFIC MANAGEMENT MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

TABLE 8 ATCS: TRAFFIC MANAGEMENT MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

TABLE 9 JTMS: TRAFFIC MANAGEMENT MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

TABLE 10 PTMS: TRAFFIC MANAGEMENT MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

TABLE 11 IDLS: TRAFFIC MANAGEMENT MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

TABLE 12 ROUTE GUIDANCE SYSTEM: TRAFFIC MANAGEMENT MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

TABLE 13 DTMS: TRAFFIC MANAGEMENT MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

TABLE 14 ITPS: TRAFFIC MANAGEMENT MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

TABLE 15 TMMS: TRAFFIC MANAGEMENT MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

TABLE 16 MTS: TRAFFIC MANAGEMENT MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

TABLE 17 TDMS: TRAFFIC MANAGEMENT MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

TABLE 18 OTHERS: TRAFFIC MANAGEMENT MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

TABLE 19 ROAD TRAFFIC MANAGEMENT: TRAFFIC MANAGEMENT MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

TABLE 20 ROAD TRAFFIC MANAGEMENT: TRAFFIC MANAGEMENT MARKET

SIZE, BY SOLUTION, 2013–2020 (USD MILLION)

TABLE 21 ELV SOLUTIONS: TRAFFIC MANAGEMENT MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

TABLE 22 INTERSECTION CONTROLLERS: TRAFFIC MANAGEMENT MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

TABLE 23 FULL PEDESTRIAN SOLUTIONS: TRAFFIC MANAGEMENT MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

TABLE 24 LED SIGNALS AND RETROFIT SOLUTIONS: TRAFFIC MANAGEMENT MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

TABLE 25 PARKING SPACE AND TOLL MANAGEMENT SOLUTIONS: TRAFFIC MANAGEMENT MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

TABLE 26 DETECTION: TRAFFIC MANAGEMENT MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

TABLE 27 AGPVD: TRAFFIC MANAGEMENT MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

TABLE 28 LOOP DETECTION: TRAFFIC MANAGEMENT MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

TABLE 29 CCTV AND ANPR CAPABILITIES: TRAFFIC MANAGEMENT MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

TABLE 30 DISPLAY: TRAFFIC MANAGEMENT MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

TABLE 31 VARIABLE MESSAGE SIGN: TRAFFIC MANAGEMENT MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

TABLE 32 VEHICLE INFORMATION TERMINAL: TRAFFIC MANAGEMENT MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

TABLE 33 OTHERS: TRAFFIC MANAGEMENT MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

TABLE 34 TRAFFIC MANAGEMENT MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

TABLE 35 NORTH AMERICA: TRAFFIC MANAGEMENT MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

TABLE 36 NORTH AMERICA: ROAD TRAFFIC MANAGEMENT MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

TABLE 37 NORTH AMERICA: ROAD TRAFFIC MANAGEMENT MARKET SIZE, BY SOLUTION, 2013–2020 (USD MILLION)

TABLE 38 NORTH AMERICA: ROAD TRAFFIC MANAGEMENT MARKET SIZE, BY DETECTION, 2013–2020 (USD MILLION)

TABLE 39 NORTH AMERICA: ROAD TRAFFIC MANAGEMENT MARKET SIZE, BY DISPLAY, 2013–2020 (USD MILLION)

TABLE 40 WESTERN EUROPE: TRAFFIC MANAGEMENT MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

TABLE 41 WESTERN EUROPE: ROAD TRAFFIC MANAGEMENT MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

TABLE 42 WESTERN EUROPE: ROAD TRAFFIC MANAGEMENT TYPE, BY SOLUTION, 2013–2020 (USD MILLION)

TABLE 43 WESTERN EUROPE: ROAD TRAFFIC MANAGEMENT MARKET SIZE, BY DETECTION, 2013–2020 (USD MILLION)

TABLE 44 WESTERN EUROPE: ROAD TRAFFIC MANAGEMENT MARKET SIZE, BY DISPLAY, 2013–2020 (USD MILLION)

TABLE 45 EASTERN EUROPE + CIS: TRAFFIC MANAGEMENT MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

TABLE 46 EASTERN EUROPE + CIS: ROAD TRAFFIC MANAGEMENT MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

TABLE 47 EASTERN EUROPE + CIS: ROAD TRAFFIC MANAGEMENT MARKET SIZE, BY SOLUTION, 2013–2020 (USD MILLION)

TABLE 48 EASTERN EUROPE + CIS: ROAD TRAFFIC MANAGEMENT MARKET SIZE, BY DETECTION, 2013–2020 (USD MILLION)

TABLE 49 EASTERN EUROPE + CIS: ROAD TRAFFIC MANAGEMENT MARKET SIZE, BY DISPLAY, 2013–2020 (USD MILLION)

TABLE 50 ASIA-PACIFIC: TRAFFIC MANAGEMENT MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

TABLE 51 ASIA-PACIFIC: ROAD TRAFFIC MANAGEMENT MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

TABLE 52 ASIA-PACIFIC: ROAD TRAFFIC MANAGEMENT MARKET SIZE, BY SOLUTION, 2013–2020 (USD MILLION)

TABLE 53 ASIA-PACIFIC: ROAD TRAFFIC MANAGEMENT MARKET SIZE, BY DETECTION, 2013–2020 (USD MILLION)

TABLE 54 ASIA-PACIFIC: ROAD TRAFFIC MANAGEMENT MARKET SIZE, BY DISPLAY, 2013–2020 (USD MILLION)

TABLE 55 LATIN AMERICA: TRAFFIC MANAGEMENT MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

TABLE 56 LATIN AMERICA: ROAD TRAFFIC MANAGEMENT MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

TABLE 57 LATIN AMERICA: ROAD TRAFFIC MANAGEMENT TYPE, BY SOLUTION, 2013–2020 (USD MILLION)

TABLE 58 LATIN AMERICA: ROAD TRAFFIC MANAGEMENT MARKET SIZE, BY DETECTION, 2013–2020 (USD MILLION)

TABLE 59 LATIN AMERICA: ROAD TRAFFIC MANAGEMENT MARKET SIZE, BY

DISPLAY, 2013–2020 (USD MILLION)

TABLE 60 MIDDLE EAST AND AFRICA: TRAFFIC MANAGEMENT MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

TABLE 61 MIDDLE EAST AND AFRICA: ROAD TRAFFIC MANAGEMENT MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

TABLE 62 MIDDLE EAST AND AFRICA: ROAD TRAFFIC MANAGEMENT TYPE, BY SOLUTION, 2013–2020 (USD MILLION)

TABLE 63 MIDDLE EAST AND AFRICA: ROAD TRAFFIC MANAGEMENT MARKET SIZE, BY DETECTION, 2013–2020 (USD MILLION)

TABLE 64 MIDDLE EAST AND AFRICA: ROAD TRAFFIC MANAGEMENT MARKET SIZE, BY DISPLAY, 2013–2020 (USD MILLION)

TABLE 65 NEW PRODUCT LAUNCHES, 2012–2015

TABLE 66 ACQUISITIONS, 2012 – 2015

TABLE 67 PARTNERSHIPS AND AGREEMENT, 2012–2015

TABLE 68 JOINT VENTURES AND EXPANSIONS, 2012–2015

About

The rising pressure over the existing transport infrastructure has crossed the capacity and has made it difficult to facilitate efficient transportation solutions. The transformation of the conventional infrastructure with the help of advanced Information and Communication Technologies (ICT) solutions ensures safety, security, and reliability. The traffic management solutions offer vehicle detection, centralized control, and intelligent signaling to regulate the traffic for the optimal utilization of the available infrastructure. This report consists of market opportunity analysis of technology and adoption in systems, solutions, detections, and displays market.

The report explores some of the major sub-segments of the solutions market:

- Extra Low Voltage (ELV) solutions

- Intersection controllers

- Full pedestrian solutions

- LED signals retrofit solutions

- Parking space and ticketing management solutions

- Detections market:

 - Above-ground pedestrian and vehicle detection

 - Loop detection and Closed Circuit Television (CCTV)

 - Automatic Number Plate Recognition (ANPR) systems

- Displays market:

Variable or dynamic message signboards

Vehicle information terminals

Augmented reality boards

Digital signage

Other display units along the roadways or in-vehicle which assist traffic management systems. The report also focuses on technological standards and services and provides market data, market dynamics (drivers, restraints, trends, and opportunities), key players, and competitive outlook of the market.

The traffic management market is segmented based on regions such as North America, Western Europe, Commonwealth of Independent States (CIS) + Eastern Europe, Asia-Pacific (APAC), Latin America, and Middle East and Africa (MEA). The market forecasts have been provided for each region from 2014 to 2019. This report profiles leading companies such as Accenture, Alstom, Cisco Systems, Cubic Corporation, GE Transportation, IBM, Kapsch, LG CNS, Schneider Electric, and Siemens.

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