

# Asia Pacific Roadways & Railways Intelligent Transport Systems Market (2016 - 2022)

<https://marketpublishers.com/r/A4652B0274FEN.html>

Date: July 2016

Pages: 255

Price: US\$ 1,500.00 (Single User License)

ID: A4652B0274FEN

## Abstracts

Intelligent transportation system is an integration of communication system and information technologies, designed primarily for improving safety, security and efficiency in transportation network. It is an advanced system form of system that would eventually gain over traditional form of transportation systems.

The market size of Roadways & Railways Intelligent Transport Systems in Asia Pacific is estimated to be USD 3,367.6 Million in 2015 and is expected to attain a market size of USD 3,615.2 Million in 2016. The market is expected to grow at a CAGR of 9.0% during the forecast period (2016 – 2022).

The developing regions have many impediments to growth, and road traffic jams have and will be a major problem causing massive delays, increased fuel wastage and monetary losses. The fast changing regional landscape has led to poorly planned road networks. Due to unplanned road networks, small critical areas become the hot-spots for congestion and ineffective and poor traffic management around these hotspots potentially results in extended traffic jams. Privatizations of highways and road pricing have been some initiatives proposed to reduce congestion.

Roadways segment dominated the Asia Pacific Roadways & Railways ITS market in 2015. The segment generated revenue of USD 2,159.4 Million in 2015, and is expected to grow at a CAGR of 8.9% during 2016 - 2022. Railways is expected to generate a revenue of USD 2,207.7 Million by 2022 growing at a CAGR of 9.2% during the forecast period.

The different types of mode of transport discussed in the report include roadways, railways, aviation and maritime. As the Roadways ITS solutions, the components and

services have been focused in the report. The market have been analysed both in terms of different hardware and software as the components along with the business & cloud services and Support and Maintenance services. The Roadways ITS market has been further probed by systems including Advanced Traveler Information Systems (ATIS), Advanced Transportation Management Systems (ATMS), Advanced Transportation Management Systems (ATMS), Advanced Public Transportation Systems (APTS) and Cooperative Vehicle Systems. The major applications including Fleet Management and Asset Monitoring, Automotive Telematics, Traffic Management, Collision Avoidance, Passenger Information among others have been discussed in the report.

The application market of Asia Pacific, Railways Intelligent Transport Systems (ITS) market including Cost Management, Carbon Emission Control, Capacity Management, Customer Management have been focused to provide the in-depth understanding of the market.

Based on the country, Asia Pacific Intelligent Transport Systems market is segmented into China, Japan, India, South Korea, Singapore, Malaysia and Rest of Asia Pacific. China remained the dominant region in 2015. Key companies profiled in the report include Siemens AG, Cisco Systems, Inc., ZTE Corporation, IBM Corporation, Microsoft Corporation, Intel Corporation, Oracle Corporation and Computer Science Corporation.

## Contents

### **CHAPTER 1. MARKET SCOPE AND RESEARCH METHODOLOGY**

1.1 Market Definition

1.2 Objective

1.3 Market Scope

1.4 Segmentation

1.4.1 North America Intelligent Transport Systems (ITS) Market, by Mode of Transportation

1.4.2 North America Roadways Intelligent Transport Systems (ITS) Market

1.4.3 North America Railways Intelligent Transport Systems (ITS) Market

1.4.4 North America Roadways & Railways Intelligent Transport Systems Market, by Country

1.5 Methodology for the research

### **CHAPTER 2. EXECUTIVE SUMMARY**

### **CHAPTER 3. MARKET OVERVIEW**

3.1 Introduction

3.2 Drivers, Restraints and Opportunities

3.2.1 Market Drivers

3.2.1 Market Restraints

### **CHAPTER 4. NORTH AMERICA ROADWAYS & RAILWAYS INTELLIGENT TRANSPORT SYSTEMS MARKET - BY MODE OF TRANSPORT**

4.1 Introduction

4.2 North America Roadways & Railways Intelligent Transport Systems Market - By Mode of Transport

4.2.1 North America Roadways Intelligent Transport Systems Market

4.3 North America Railways Intelligent Transport Systems Market

### **CHAPTER 5. NORTH AMERICA ROADWAYS INTELLIGENT TRANSPORT SYSTEMS MARKET - BY SOLUTION**

5.1 North America Roadways ITS Components Market

5.1.1 North America ITS Hardware Components Market

- 5.1.1.1 North America ITS Sensors Market
- 5.1.1.2 North America ITS Interface Board Market
- 5.1.1.3 North America ITS Surveillance Camera Market
- 5.1.1.4 North America ITS Telecommunication Network Market
- 5.1.1.5 North America ITS Monitoring & Detection Market
- 5.1.1.6 North America ITS Other Hardware Market
- 5.1.2 North America ITS Software Market
  - 5.1.2.1 North America ITS Visualization Software Market
  - 5.1.2.2 North America ITS Video Detection Software Market
  - 5.1.2.3 North America ITS Transit Management Software Market
  - 5.1.2.4 North America ITS Other Software Market
- 5.2 North America Roadways ITS Services Market
  - 5.2.1.1 North America Roadways ITS Business & Cloud Services Market
  - 5.2.1.2 North America Roadways ITS Support & Maintenance Services Market

## **CHAPTER 6. NORTH AMERICA ROADWAYS INTELLIGENT TRANSPORT SYSTEMS MARKET - BY SYSTEM**

- 6.1 North America Roadways Advanced Traveler Information Systems (ATIS) Market
- 6.2 North America Roadways Advanced Transportation Management Systems (ATMS) Market
- 6.3 North America Roadways Advanced Transportation Pricing Systems (ATPS) Market
- 6.4 North America Roadways Advanced Public Transportation Systems (APTS) Market

## **CHAPTER 7. NORTH AMERICA ROADWAYS INTELLIGENT TRANSPORT SYSTEM MARKET - BY APPLICATION**

- 7.1 North America Roadways ITS Fleet Management and Asset Monitoring Application Market
- 7.2 North America Roadways ITS Automotive Telematics Application Market
- 7.3 North America Roadways ITS Traffic Management Application Market
- 7.4 North America Roadways ITS Collision Avoidance Application Market
- 7.5 North America Roadways ITS Ticketing Management Application Market
- 7.6 North America Roadways ITS Passenger Information Application Market
- 7.7 North America Roadways ITS Parking Management Application Market
- 7.8 North America Roadways ITS Emergency Vehicle Notification Application Market

## **CHAPTER 8. NORTH AMERICA RAILWAYS INTELLIGENT TRANSPORT SYSTEMS MARKET - BY APPLICATION**

- 8.1 North America Railways ITS Cost Management Market
  - 8.1.1 North America Railways ITS Train Movement Management Market
  - 8.1.2 North America Railways ITS Maintenance Management Market
  - 8.1.3 North America Railways ITS Other Application Market
- 8.2 North America Railways ITS Capacity Management Market
  - 8.2.1 North America Railways ITS Crowd Information By Journey Planner Market
  - 8.2.2 North America Railways ITS Smart Ticketing Market
  - 8.2.3 North America Railways Others Application Market
- 8.3 North America Railways Customer Management Market
  - 8.3.1 North America Railways Traveler Information System Market
  - 8.3.2 North America Railways On-Train Security & Surveillance System Market
  - 8.3.3 North America Railways Station Security & Surveillance System Market
  - 8.3.4 North America Railways Real-Time Display System Market
  - 8.3.5 North America Railways On-Train Multimedia System Market
  - 8.3.6 North America Railways Others Application Market

## **CHAPTER 9. NORTH AMERICA ROADWAYS & RAILWAYS INTELLIGENT TRANSPORT SYSTEMS MARKET - BY COUNTRY**

- 9.1 U.S Roadways & Railways Intelligent Transport Systems Market
  - 9.1.1 U.S Intelligent Transport Systems Market by Mode of Transportation
  - 9.1.2 U.S ITS Market by Mode of Transportation, \$ million (2012-2015)
  - 9.1.3 U.S Roadways Intelligent Transport Systems Market
    - 9.1.3.1 U.S Roadways ITS Market by Solutions
      - 9.1.3.1.1 U.S Roadways ITS Market by Components
      - 9.1.3.1.2 U.S Roadways ITS Market by Services
    - 9.1.3.2 U.S Roadways Intelligent Transport System Market by System
    - 9.1.3.3 U.S Roadways Intelligent Transport Systems Market by Application
  - 9.1.4 U.S Railways Intelligent Transport Systems Market
    - 9.1.4.1 U.S Railways ITS Market by Application
      - 9.1.4.1.1 U.S Railways ITS Market by Cost Management Application
      - 9.1.4.1.2 U.S Railways ITS Market by Capacity Management Application
      - 9.1.4.1.3 U.S Railways ITS Market by Customer Management Application
- 9.2 Canada Roadways & Railways Intelligent Transport Systems Market
  - 9.2.1 Canada Roadways & Railways ITS Market by Mode of Transportation
  - 9.2.2 Canada Roadways Intelligent Transportation Systems Market
    - 9.2.2.1 Canada Roadways Intelligent Transport Systems Market by Solutions
      - 9.2.2.1.1 Canada Roadways Intelligent Transport Systems Market by Components

- 9.2.2.1.2 Canada Roadways ITS Market by Services
- 9.2.2.2 Canada Roadways Intelligent Transport Systems Market by System
- 9.2.2.3 Canada Roadways Intelligent Transport Systems Market by Application
- 9.2.3 Canada Railways Intelligent Transport Systems Market
  - 9.2.3.1 Canada Railways Intelligent Transport Systems Market by Application
    - 9.2.3.1.1 Canada Railways ITS Market by Cost Management Application
    - 9.2.3.1.2 Canada Railways ITS Market by Capacity Management Application
    - 9.2.3.1.3 Canada Railways ITS Market by Customer Management Application
- 9.3 Mexico Roadways & Railways Intelligent Transport Systems Market
  - 9.3.1 Mexico Roadways & Railways ITS Market by Mode of Transportation
  - 9.3.2 Mexico Roadways Intelligent Transport Systems Market
    - 9.3.2.1 Mexico Roadways Intelligent Transport Systems Market by Solutions
      - 9.3.2.1.1 Mexico Roadways Intelligent Transport Systems Market by Components
      - 9.3.2.1.2 Mexico Roadways ITS Market by Services
    - 9.3.2.2 Mexico Roadways Intelligent Transport Systems Market by System
    - 9.3.2.3 Mexico Roadways Intelligent Transport Systems Market by Application
  - 9.3.3 Mexico Railways Intelligent Transport Systems Market
    - 9.3.3.1 Mexico Railways ITS Market by Application
      - 9.3.3.1.1 Mexico Railways ITS Market by Cost Management Application
      - 9.3.3.1.2 Mexico Railways ITS Market by Capacity Management Application
      - 9.3.3.1.3 Mexico Railways ITS Market by Customer Management Application
- 9.4 Rest of North America Roadways & Railways Intelligent Transport Systems Market
  - 9.4.1 Rest of North America Roadways & Railways ITS Market by Mode of Transportation
  - 9.4.2 Rest of North America Roadways Intelligent Transport Systems Market
    - 9.4.2.1 Rest of North America Roadways Intelligent Transport Systems Market by Solutions
      - 9.4.2.1.1 Rest of North America Roadways ITS Market by Components
      - 9.4.2.1.2 Rest of North America Roadways ITS Market by Services
    - 9.4.2.2 Rest of North America Roadways ITS Market by System
    - 9.4.2.3 Rest of North America Roadways Intelligent Transport Systems Market by Application
  - 9.4.3 Rest of North America Railways Intelligent Transport Systems Market
    - 9.4.3.1 Rest of North America Railways Intelligent Transport Systems Market by Application
      - 9.4.3.1.1 Rest of North America Railways ITS Market by Cost Management Application
      - 9.4.3.1.2 Rest of North America Railways ITS Market by Capacity Management Application

### 9.4.3.1.3 Rest of North America Railways ITS Market by Customer Management Application

## **CHAPTER 10. COMPANY PROFILES**

### 10.1 Siemens AG

- 10.1.1 Company Overview
- 10.1.2 Financial Analysis
- 10.1.3 Business Segment Analysis
- 10.1.4 Research & Development

### 10.2 Intel Corporation

- 10.2.1 Company Overview
- 10.2.2 Financial Analysis
- 10.2.3 Segmental Analysis
- 10.2.4 Research & Development

### 10.3 ZTE Corporation

- 10.3.1 Company Overview
- 10.3.2 Financial Analysis
- 10.3.3 Business Segmental Analysis
- 10.3.4 Research & Development

### 10.4 Cisco Systems, Inc.

- 10.4.1 Company Overview
- 10.4.2 Financial Analysis
- 10.4.3 Business Segmental Analysis
- 10.4.4 Research & Development

### 10.5 IBM Corporation

- 10.5.1 Company Overview
- 10.5.2 Financial Analysis
- 10.5.3 Business Segmental Analysis
- 10.5.4 Research & Development

### 10.6 Microsoft Corporation

- 10.6.1 Company Overview
- 10.6.2 Financial Analysis
- 10.6.3 Business Segmental Analysis
- 10.6.4 Research & Development

### 10.7 Oracle Corporation

- 10.7.1 Company Overview
- 10.7.2 Financial Analysis
- 10.7.3 Business Segmental Analysis

- 10.7.4 Research & Development
- 10.8 Computer Science Corporation
  - 10.8.1 Company Overview
  - 10.8.2 Financial Analysis
  - 10.8.3 Business Segmental Analysis



## List Of Tables

### LIST OF TABLES

Table 1 NORTH AMERICA ROADWAYS & RAILWAYS INTELLIGENT TRANSPORTATION SYSTEM (ITS) MARKET, \$ MILLION (2012-2015)

Table 2 NORTH AMERICA ROADWAYS & RAILWAYS INTELLIGENT TRANSPORTATION SYSTEM (ITS) MARKET, \$ MILLION (2016-2022)

Table 3 NORTH AMERICA ROADWAYS & RAILWAYS INTELLIGENT TRANSPORTATION SYSTEM (ITS) MARKET BY COUNTRY, \$ MILLION (2012-2015)

Table 4 NORTH AMERICA ROADWAYS & RAILWAYS INTELLIGENT TRANSPORTATION SYSTEM (ITS) MARKET BY REGION, \$ MILLION (2016-2022)

Table 5 NORTH AMERICA ROADWAYS & RAILWAYS INTELLIGENT TRANSPORTATION SYSTEM (ITS) MARKET BY COUNTRY, \$ MILLION (2012-2015)

Table 6 NORTH AMERICA ROADWAYS & RAILWAYS INTELLIGENT TRANSPORTATION SYSTEM (ITS) MARKET BY COUNTRY, \$ MILLION (2016-2022)

Table 7 NORTH AMERICA ROADWAYS & RAILWAYS ITS MARKET BY MODE OF TRANSPORT, \$ MILLION (2012-2015)

Table 8 NORTH AMERICA ROADWAYS & RAILWAYS ITS MARKET BY MODE OF TRANSPORT, \$ MILLION (2016-2022)

Table 9 NORTH AMERICA ROADWAYS ITS MARKET BY COUNTRY, \$ MILLION (2012-2015)

Table 10 NORTH AMERICA ROADWAYS ITS MARKET BY COUNTRY, \$ MILLION (2016-2022)

Table 11 NORTH AMERICA RAILWAYS ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 12 NORTH AMERICA RAILWAYS ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 13 NORTH AMERICA ROADWAYS ITS MARKET BY SOLUTION, \$ MILLION (2012-2015)

Table 14 NORTH AMERICA ROADWAYS ITS MARKET BY SOLUTION, \$ MILLION (2016-2022)

Table 15 NORTH AMERICA ROADWAYS ITS COMPONENT MARKET BY REGION, \$ MILLION (2012-2015)

Table 16 NORTH AMERICA ROADWAYS ITS COMPONENT MARKET BY REGION, \$ MILLION (2016-2022)

Table 17 NORTH AMERICA ROADWAYS ITS MARKET BY COMPONENT, \$ MILLION (2012-2015)

Table 18 NORTH AMERICA ROADWAYS ITS MARKET BY COMPONENT, \$ MILLION

(2016-2022)

Table 19 NORTH AMERICA ROADWAYS ITS HARDWARE MARKET BY REGION, \$ MILLION (2012-2015)

Table 20 NORTH AMERICA ROADWAYS ITS HARDWARE MARKET BY REGION, \$ MILLION (2016-2022)

Table 21 NORTH AMERICA ROADWAYS ITS MARKET BY HARDWARE, \$ MILLION (2012-2015)

Table 22 NORTH AMERICA ROADWAYS ITS MARKET BY HARDWARE, \$ MILLION (2016-2022)

Table 23 NORTH AMERICA ROADWAYS ITS SENSOR MARKET BY REGION, \$ MILLION (2012-2015)

Table 24 NORTH AMERICA ROADWAYS ITS SENSOR MARKET BY REGION, \$ MILLION (2016-2022)

Table 25 NORTH AMERICA ROADWAYS ITS INTERFACE BOARD MARKET BY REGION, \$ MILLION (2012-2015)

Table 26 NORTH AMERICA ROADWAYS ITS INTERFACE BOARD MARKET BY REGION, \$ MILLION (2016-2022)

Table 27 NORTH AMERICA ROADWAYS ITS SURVEILLANCE CAMERA MARKET BY REGION, \$ MILLION (2012-2015)

Table 28 NORTH AMERICA ROADWAYS ITS SURVEILLANCE CAMERA MARKET BY REGION, \$ MILLION (2016-2022)

Table 29 NORTH AMERICA ROADWAYS TELECOMMUNICATION NETWORK ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 30 NORTH AMERICA ROADWAYS TELECOMMUNICATION NETWORK ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 31 NORTH AMERICA ROADWAYS ITS MONITORING & DETECTION SYSTEM MARKET BY REGION, \$ MILLION (2012-2015)

Table 32 NORTH AMERICA ROADWAYS ITS MONITORING & DETECTION SYSTEM MARKET BY REGION, \$ MILLION (2016-2022)

Table 33 NORTH AMERICA ROADWAYS ITS OTHER HARDWARE MARKET BY REGION, \$ MILLION (2012-2015)

Table 34 NORTH AMERICA ROADWAYS ITS OTHER HARDWARE MARKET BY REGION, \$ MILLION (2016-2022)

Table 35 NORTH AMERICA ROADWAYS ITS SOFTWARE MARKET BY REGION, \$ MILLION (2012-2015)

Table 36 NORTH AMERICA ROADWAYS ITS SOFTWARE MARKET BY REGION, \$ MILLION (2016-2022)

Table 37 NORTH AMERICA ROADWAYS ITS MARKET BY SOFTWARE, \$ MILLION (2012-2015)

Table 38 NORTH AMERICA ROADWAYS ITS MARKET BY SOFTWARE, \$ MILLION (2016-2022)

Table 39 NORTH AMERICA ROADWAYS VISUALIZATION SOFTWARE ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 40 NORTH AMERICA ROADWAYS VISUALIZATION SOFTWARE ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 41 NORTH AMERICA ROADWAYS VIDEO DETECTION MANAGEMENT SOFTWARE ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 42 NORTH AMERICA ROADWAYS VIDEO DETECTION MANAGEMENT SOFTWARE ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 43 NORTH AMERICA ROADWAYS TRANSIT MANAGEMENT SYSTEM ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 44 NORTH AMERICA ROADWAYS TRANSIT MANAGEMENT SYSTEM ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 45 NORTH AMERICA ROADWAYS ITS OTHER SOFTWARE MARKET BY REGION, \$ MILLION (2012-2015)

Table 46 NORTH AMERICA ROADWAYS ITS OTHER SOFTWARE MARKET BY REGION, \$ MILLION (2016-2022)

Table 47 NORTH AMERICA ROADWAYS ITS MARKET BY SERVICES, \$ MILLION (2012-2015)

Table 48 NORTH AMERICA ROADWAYS ITS MARKET BY SERVICES, \$ MILLION (2016-2022)

Table 49 NORTH AMERICA ROADWAYS ITS BUSINESS & CLOUD SERVICES MARKET BY REGION, \$ MILLION (2012-2015)

Table 50 NORTH AMERICA ROADWAYS ITS BUSINESS & CLOUD SERVICES MARKET BY REGION, \$ MILLION (2016-2022)

Table 51 NORTH AMERICA ROADWAYS ITS SUPPORT AND MAINTENANCE SERVICES MARKET BY REGION, \$ MILLION (2012-2015)

Table 52 NORTH AMERICA ROADWAYS ITS SUPPORT AND MAINTENANCE SERVICES MARKET BY REGION, \$ MILLION (2016-2022)

Table 53 NORTH AMERICA ROADWAYS ITS MARKET BY SYSTEM, \$ MILLION (2012-2015)

Table 54 NORTH AMERICA ROADWAYS ITS MARKET BY SYSTEM, \$ MILLION (2016-2022)

Table 55 NORTH AMERICA ROADWAYS ADVANCED TRAVELER INFORMATION SYSTEMS (ATIS) MARKET BY REGION, \$ MILLION (2012-2015)

Table 56 NORTH AMERICA ROADWAYS ADVANCED TRAVELER INFORMATION SYSTEMS (ATIS) MARKET BY REGION, \$ MILLION (2016-2022)

Table 57 NORTH AMERICA ROADWAYS ADVANCED TRANSPORTATION

MANAGEMENT SYSTEMS (ATMS) MARKET BY REGION, \$ MILLION (2012-2015)

Table 58 NORTH AMERICA ROADWAYS ADVANCED TRANSPORTATION

MANAGEMENT SYSTEMS (ATMS) MARKET BY REGION, \$ MILLION (2016-2022)

Table 59 NORTH AMERICA ROADWAYS ADVANCED TRANSPORTATION PRICING

SYSTEMS (ATPS) MARKET BY REGION, \$ MILLION (2012-2015)

Table 60 NORTH AMERICA ROADWAYS ADVANCED TRANSPORTATION PRICING

SYSTEMS (ATPS) MARKET BY REGION, \$ MILLION (2016-2022)

Table 61 NORTH AMERICA ROADWAYS ADVANCED PUBLIC TRANSPORTATION

SYSTEMS (APTS) MARKET BY REGION, \$ MILLION (2012-2015)

Table 62 NORTH AMERICA ROADWAYS ADVANCED PUBLIC TRANSPORTATION

SYSTEMS (APTS) MARKET BY REGION, \$ MILLION (2016-2022)

Table 63 NORTH AMERICA ROADWAYS ITS MARKET BY APPLICATION, \$ MILLION (2012-2015)

Table 64 NORTH AMERICA ROADWAYS ITS MARKET BY APPLICATION, \$ MILLION (2016-2022)

Table 65 NORTH AMERICA ROADWAYS FLEET MANAGEMENT AND ASSET MONITORING SYSTEM MARKET BY REGION, \$ MILLION (2012-2015)

Table 66 NORTH AMERICA ROADWAYS FLEET MANAGEMENT AND ASSET MONITORING SYSTEM MARKET BY REGION, \$ MILLION (2016-2022)

Table 67 NORTH AMERICA ROADWAYS AUTOMOTIVE TELEMATICS SYSTEM MARKET BY REGION, \$ MILLION (2012-2015)

Table 68 NORTH AMERICA ROADWAYS AUTOMOTIVE TELEMATICS SYSTEM MARKET BY REGION, \$ MILLION (2016-2022)

Table 69 NORTH AMERICA ROADWAYS TRAFFIC MANAGEMENT MARKET BY REGION, \$ MILLION (2012-2015)

Table 70 NORTH AMERICA ROADWAYS TRAFFIC MANAGEMENT MARKET BY REGION, \$ MILLION (2016-2022)

Table 71 NORTH AMERICA ROADWAYS COLLISION AVOIDANCE SYSTEM MARKET BY REGION, \$ MILLION (2012-2015)

Table 72 NORTH AMERICA ROADWAYS COLLISION AVOIDANCE SYSTEM MARKET BY REGION, \$ MILLION (2016-2022)

Table 73 NORTH AMERICA ROADWAYS TICKETING MANAGEMENT SYSTEM MARKET BY REGION, \$ MILLION (2012-2015)

Table 74 NORTH AMERICA ROADWAYS TICKETING MANAGEMENT SYSTEM MARKET BY REGION, \$ MILLION (2016-2022)

Table 75 NORTH AMERICA ROADWAYS PASSENGER INFORMATION SYSTEM MARKET BY REGION, \$ MILLION (2012-2015)

Table 76 NORTH AMERICA ROADWAYS PASSENGER INFORMATION SYSTEM MARKET BY REGION, \$ MILLION (2016-2022)

Table 77 NORTH AMERICA ROADWAYS PARKING MANAGEMENT SYSTEM MARKET BY REGION, \$ MILLION (2012-2015)

Table 78 NORTH AMERICA ROADWAYS PARKING MANAGEMENT SYSTEM MARKET BY REGION, \$ MILLION (2016-2022)

Table 79 NORTH AMERICA ROADWAYS EMERGENCY VEHICLE NOTIFICATION SYSTEM MARKET BY REGION, \$ MILLION (2012-2015)

Table 80 NORTH AMERICA ROADWAYS EMERGENCY VEHICLE NOTIFICATION SYSTEM MARKET BY REGION, \$ MILLION (2016-2022)

Table 81 NORTH AMERICA RAILWAYS ITS MARKET BY APPLICATION, \$ MILLION (2012-2015)

Table 82 NORTH AMERICA RAILWAYS ITS MARKET BY APPLICATION, \$ MILLION (2016-2022)

Table 83 NORTH AMERICA RAILWAYS COST MANAGEMENT ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 84 NORTH AMERICA RAILWAYS COST MANAGEMENT ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 85 NORTH AMERICA RAILWAYS ITS MARKET BY COST MANAGEMENT APPLICATION, \$ MILLION (2012-2015)

Table 86 NORTH AMERICA RAILWAYS ITS MARKET BY COST MANAGEMENT APPLICATION, \$ MILLION (2016-2022)

Table 87 NORTH AMERICA RAILWAYS TRAIN MOVEMENT MANAGEMENT ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 88 NORTH AMERICA RAILWAYS TRAIN MOVEMENT MANAGEMENT ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 89 NORTH AMERICA RAILWAYS MAINTENANCE MANAGEMENT ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 90 NORTH AMERICA RAILWAYS MAINTENANCE MANAGEMENT ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 91 NORTH AMERICA RAILWAYS OTHER ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 92 NORTH AMERICA RAILWAYS OTHER ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 93 NORTH AMERICA RAILWAYS CAPACITY MANAGEMENT ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 94 NORTH AMERICA RAILWAYS CAPACITY MANAGEMENT ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 95 NORTH AMERICA RAILWAYS ITS MARKET BY CAPACITY MANAGEMENT APPLICATION, \$ MILLION (2012-2015)

Table 96 NORTH AMERICA RAILWAYS ITS MARKET BY CAPACITY MANAGEMENT

APPLICATION, \$ MILLION (2016-2022)

Table 97 NORTH AMERICA RAILWAYS CROWD INFORMATION BY JOURNEY PLANNER ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 98 NORTH AMERICA RAILWAYS CROWD INFORMATION BY JOURNEY PLANNER ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 99 NORTH AMERICA RAILWAYS SMART TICKETING ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 100 NORTH AMERICA RAILWAYS SMART TICKETING ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 101 NORTH AMERICA RAILWAYS OTHER ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 102 NORTH AMERICA RAILWAYS OTHER ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 103 NORTH AMERICA RAILWAYS CUSTOMER MANAGEMENT ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 104 NORTH AMERICA RAILWAYS CUSTOMER MANAGEMENT ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 105 NORTH AMERICA RAILWAYS ITS MARKET BY CUSTOMER MANAGEMENT APPLICATION, \$ MILLION (2012-2015)

Table 106 NORTH AMERICA RAILWAYS ITS MARKET BY CUSTOMER MANAGEMENT APPLICATION, \$ MILLION (2016-2022)

Table 107 NORTH AMERICA RAILWAYS TRAVELER INFORMATION ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 108 NORTH AMERICA RAILWAYS TRAVELER INFORMATION ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 109 NORTH AMERICA RAILWAYS ON-TRAIN SECURITY & SURVEILLANCE ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 110 NORTH AMERICA RAILWAYS ON-TRAIN SECURITY & SURVEILLANCE ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 111 NORTH AMERICA RAILWAYS STATION SECURITY & SURVEILLANCE ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 112 NORTH AMERICA RAILWAYS ON-TRAIN SECURITY & SURVEILLANCE ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 113 NORTH AMERICA RAILWAYS REAL-TIME DISPLAY ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 114 NORTH AMERICA RAILWAYS REAL-TIME DISPLAY ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 115 NORTH AMERICA RAILWAYS ON-TRAIN MULTIMEDIA ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 116 NORTH AMERICA RAILWAYS ON-TRAIN MULTIMEDIA ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 117 NORTH AMERICA RAILWAYS OTHERS ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 118 NORTH AMERICA RAILWAYS OTHERS ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 119 U.S ROADWAYS & RAILWAYS ITS MARKET, \$ MILLION (2012-2015)

Table 120 U.S ROADWAYS & RAILWAYS ITS MARKET, \$ MILLION (2016-2022)

Table 121 U.S ITS MARKET BY MODE OF TRANSPORTATION, \$ MILLION (2016-2022)

Table 122 U.S ROADWAYS ITS MARKET BY SOLUTIONS, \$ MILLION (2012-2015)

Table 123 U.S ROADWAYS ITS MARKET BY SOLUTIONS, \$ MILLION (2016-2022)

Table 124 U.S ROADWAYS ITS MARKET BY COMPONENTS, \$ MILLION (2012-2015)

Table 125 U.S ROADWAYS ITS MARKET BY COMPONENTS, \$ MILLION (2016-2022)

Table 126 U.S ROADWAYS ITS MARKET BY HARDWARE, \$ MILLION (2012-2015)

Table 127 U.S ROADWAYS ITS MARKET BY HARDWARE, \$ MILLION (2016-2022)

Table 128 U.S ROADWAYS ITS MARKET BY SOFTWARE, \$ MILLION (2012-2015)

Table 129 U.S ROADWAYS ITS MARKET BY SOFTWARE, \$ MILLION (2016-2022)

Table 130 U.S ROADWAYS ITS MARKET BY SERVICES, \$ MILLION (2012-2015)

Table 131 U.S ROADWAYS ITS MARKET BY SERVICES, \$ MILLION (2016-2022)

Table 132 U.S ROADWAYS ITS MARKET BY SYSTEM, \$ MILLION (2012-2015)

Table 133 U.S ROADWAYS ITS MARKET BY SYSTEM, \$ MILLION (2016-2022)

Table 134 U.S ROADWAYS ITS MARKET BY APPLICATION, \$ MILLION (2012-2015)

Table 135 U.S ROADWAYS ITS MARKET BY APPLICATION, \$ MILLION (2016-2022)

Table 136 U.S RAILWAYS ITS MARKET BY APPLICATION, \$ MILLION (2012-2015)

Table 137 U.S RAILWAYS ITS MARKET BY APPPLICATION, \$ MILLION (2016-2022)

Table 138 U.S RAILWAYS COST MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2012-2015)

Table 139 U.S RAILWAYS COST MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2016-2022)

Table 140 U.S RAILWAYS CAPACITY MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2012-2015)

Table 141 U.S RAILWAYS CAPACITY MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2016-2022)

Table 142 U.S RAILWAYS CUSTOMER MANAGEMENT APPLICATION ITS MARKET BY, \$ MILLION (2012-2015)

Table 143 U.S RAILWAYS CUSTOMER MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2016-2022)

Table 144 CANADA ROADWAYS & RAILWAYS ITS MARKET, \$ MILLION (2012-2015)

Table 145 CANADA ROADWAYS & RAILWAYS ITS MARKET, \$ MILLION (2016-2022)

Table 146 CANADA ITS MARKET BY MODE OF TRANSPORTATION, \$ MILLION (2012-2015)

Table 147 CANADA ITS MARKET BY MODE OF TRANSPORTATION, \$ MILLION (2016-2022)

Table 148 CANADA ROADWAYS ITS MARKET BY SOLUTIONS, \$ MILLION (2012-2015)

Table 149 CANADA ROADWAYS ITS MARKET BY SOLUTIONS, \$ MILLION (2016-2022)

Table 150 CANADA ROADWAYS ITS MARKET BY COMPONENTS, \$ MILLION (2012-2015)

Table 151 CANADA ROADWAYS ITS MARKET BY COMPONENTS, \$ MILLION (2016-2022)

Table 152 CANADA ROADWAYS ITS MARKET BY HARDWARE, \$ MILLION (2012-2015)

Table 153 CANADA ROADWAYS ITS MARKET BY HARDWARE, \$ MILLION (2016-2022)

Table 154 CANADA ROADWAYS ITS MARKET BY SOFTWARE, \$ MILLION (2012-2015)

Table 155 CANADA ROADWAYS ITS MARKET BY SOFTWARE, \$ MILLION (2016-2022)

Table 156 CANADA ROADWAYS ITS MARKET BY SERVICES, \$ MILLION (2012-2015)

Table 157 CANADA ROADWAYS ITS MARKET BY SERVICES, \$ MILLION (2016-2022)

Table 158 CANADA ROADWAYS ITS MARKET BY SYSTEM, \$ MILLION (2012-2015)

Table 159 CANADA ROADWAYS ITS MARKET BY SYSTEM, \$ MILLION (2016-2022)

Table 160 CANADA ROADWAYS ITS MARKET BY APPLICATION, \$ MILLION (2012-2015)

Table 161 CANADA ROADWAYS ITS MARKET BY APPLICATION, \$ MILLION (2016-2022)

Table 162 CANADA RAILWAYS ITS MARKET BY APPLICATION, \$ MILLION (2012-2015)

Table 163 CANADA RAILWAYS ITS MARKET BY APPPLICATION, \$ MILLION (2016-2022)

Table 164 CANADA RAILWAYS COST MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2012-2015)

Table 165 CANADA RAILWAYS COST MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2016-2022)



Table 166 CANADA RAILWAYS CAPACITY MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2012-2015)

Table 167 CANADA RAILWAYS CAPACITY MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2016-2022)

Table 168 CANADA RAILWAYS CUSTOMER MANAGEMENT APPLICATION ITS MARKET BY, \$ MILLION (2012-2015)

Table 169 CANADA RAILWAYS CUSTOMER MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2016-2022)

Table 170 MEXICO ROADWAYS & RAILWAYS ITS MARKET, \$ MILLION (2012-2015)

Table 171 MEXICO ROADWAYS & RAILWAYS ITS MARKET, \$ MILLION (2016-2022)

Table 172 MEXICO ITS MARKET BY MODE OF TRANSPORTATION, \$ MILLION (2012-2015)

Table 173 MEXICO ITS MARKET BY MODE OF TRANSPORTATION, \$ MILLION (2016-2022)

Table 174 MEXICO ROADWAYS ITS MARKET BY SOLUTIONS, \$ MILLION (2012-2015)

Table 175 MEXICO ROADWAYS ITS MARKET BY SOLUTIONS, \$ MILLION (2016-2022)

Table 176 MEXICO ROADWAYS ITS MARKET BY COMPONENTS, \$ MILLION (2012-2015)

Table 177 MEXICO ROADWAYS ITS MARKET BY COMPONENTS, \$ MILLION (2016-2022)

Table 178 MEXICO ROADWAYS ITS MARKET BY HARDWARE, \$ MILLION (2012-2015)

Table 179 MEXICO ROADWAYS ITS MARKET BY HARDWARE, \$ MILLION (2016-2022)

Table 180 MEXICO ROADWAYS ITS MARKET BY SOFTWARE, \$ MILLION (2012-2015)

Table 181 MEXICO ROADWAYS ITS MARKET BY SOFTWARE, \$ MILLION (2016-2022)

Table 182 MEXICO ROADWAYS ITS MARKET BY SERVICES, \$ MILLION (2012-2015)

Table 183 MEXICO ROADWAYS ITS MARKET BY SERVICES, \$ MILLION (2016-2022)

Table 184 MEXICO ROADWAYS ITS MARKET BY SYSTEM, \$ MILLION (2012-2015)

Table 185 MEXICO ROADWAYS ITS MARKET BY SYSTEM, \$ MILLION (2016-2022)

Table 186 MEXICO ROADWAYS ITS MARKET BY APPLICATION, \$ MILLION (2012-2015)

Table 187 MEXICO ROADWAYS ITS MARKET BY SYSTEM, \$ MILLION (2016-2022)

Table 188 MEXICO RAILWAYS ITS MARKET BY APPLICATION, \$ MILLION  
(2012-2015)

Table 189 MEXICO RAILWAYS ITS MARKET BY APPPLICATION, \$ MILLION  
(2016-2022)

Table 190 MEXICO RAILWAYS COST MANAGEMENT APPLICATION ITS MARKET, \$  
MILLION (2012-2015)

Table 191 MEXICO RAILWAYS COST MANAGEMENT APPLICATION ITS MARKET, \$  
MILLION (2016-2022)

Table 192 MEXICO RAILWAYS CAPACITY MANAGEMENT APPLICATION ITS  
MARKET, \$ MILLION (2012-2015)

Table 193 MEXICO RAILWAYS CAPACITY MANAGEMENT APPLICATION ITS  
MARKET, \$ MILLION (2016-2022)

Table 194 MEXICO RAILWAYS CUSTOMER MANAGEMENT APPLICATION ITS  
MARKET BY, \$ MILLION (2012-2015)

Table 195 MEXICO RAILWAYS CUSTOMER MANAGEMENT APPLICATION ITS  
MARKET, \$ MILLION (2016-2022)

Table 196 REST OF NORTH AMERICA ROADWAYS & RAILWAYS ITS MARKET, \$  
MILLION (2012-2015)

Table 197 REST OF NORTH AMERICA ROADWAYS & RAILWAYS ITS MARKET, \$  
MILLION (2016-2022)

Table 198 REST OF NORTH AMERICA ROADWAYS & RAILWAYS ITS MARKET BY  
MODE OF TRANSPORTATION, \$ MILLION (2012-2015)

Table 199 REST OF NORTH AMERICA ROADWAYS & RAILWAYS ITS MARKET BY  
MODE OF TRANSPORTATION, \$ MILLION (2016-2022)

Table 200 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY SOLUTIONS, \$  
MILLION (2012-2015)

Table 201 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY SOLUTIONS, \$  
MILLION (2016-2022)

Table 202 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY  
COMPONENTS, \$ MILLION (2012-2015)

Table 203 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY  
COMPONENTS, \$ MILLION (2016-2022)

Table 204 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY HARDWARE, \$  
MILLION (2012-2015)

Table 205 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY HARDWARE, \$  
MILLION (2016-2022)

Table 206 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY SOFTWARE, \$  
MILLION (2012-2015)

Table 207 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY SOFTWARE, \$

MILLION (2016-2022)

Table 208 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY SERVICES, \$ MILLION (2012-2015)

Table 209 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY SERVICES, \$ MILLION (2016-2022)

Table 210 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY SYSTEM, \$ MILLION (2012-2015)

Table 211 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY SYSTEM, \$ MILLION (2016-2022)

Table 212 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY APPLICATION, \$ MILLION (2012-2015)

Table 213 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY SYSTEM, \$ MILLION (2016-2022)

Table 214 REST OF NORTH AMERICA RAILWAYS ITS MARKET BY APPLICATION, \$ MILLION (2012-2015)

Table 215 REST OF NORTH AMERICA RAILWAYS ITS MARKET BY APPLICATION, \$ MILLION (2016-2022)

Table 216 REST OF NORTH AMERICA RAILWAYS COST MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2012-2015)

Table 217 REST OF NORTH AMERICA RAILWAYS COST MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2016-2022)

Table 218 REST OF NORTH AMERICA RAILWAYS CAPACITY MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2012-2015)

Table 219 REST OF NORTH AMERICA RAILWAYS CAPACITY MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2016-2022)

Table 220 REST OF NORTH AMERICA RAILWAYS CUSTOMER MANAGEMENT APPLICATION ITS MARKET BY, \$ MILLION (2012-2015)

Table 221 REST OF NORTH AMERICA RAILWAYS CUSTOMER MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2016-2022)

Table 222 SIEMENS AG COMPANY SNAPSHOT

Table 223 INTEL CORPORATION COMPANY SNAPSHOT

Table 224 ZTE CORPORATION COMPANY SNAPSHOT

Table 225 CISCO SYSTEMS, INC. COMPANY SNAPSHOT

Table 226 IBM CORPORATION COMPANY SNAPSHOT

Table 227 MICROSOFT CORPORATION COMPANY SNAPSHOT

Table 228 ORACLE CORPORATION COMPANY SNAPSHOT

Table 229 COMPUTER SCIENCE CORPORATION COMPANY SNAPSHOT

## I would like to order

Product name: Asia Pacific Roadways & Railways Intelligent Transport Systems Market (2016 - 2022)

Product link: <https://marketpublishers.com/r/A4652B0274FEN.html>

Price: US\$ 1,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A4652B0274FEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970