

# North America Intelligent Transport Systems Market (2016 - 2022)

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# 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. Advancing metropolitan areas are leading to space congestions within the city limits, and number of vehicles hitting roads is on the increase by the day. Reducing transportation network expansion space and increasing number of vehicles in metropolitan areas have caused immense pressure on authorities and called for improving performance of existing transportation network.

The North America intelligent transportation system (ITS) market size, in terms of value, is expected to reach a market size of USD 26,309.69 Million by 2022, at a CAGR of 7.6% between 2016 and 2022. Railways, the backbone of the transportation systems in different regions, is evolving by the day and is growing increasingly complex. The adoption of railway intelligent transportation system (RITS) will be a step towards gaining competitive edge over other modes of transportation. By implementing various intelligent techniques, the need for consumer safety can be smartly managed within this mode of transportation.

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 North America ITS market in 2015. The segment generated revenue of USD 6,765.1 Million in 2015. Aviation on the other hand is expected to register a highest CAGR of 12.0% during the forecast period (2016-2022) thereby achieving a market size of USD 7,366.7 Million by 2022. Railways is expected to grow at a CAGR of 5.1% during the forecast period. The Maritime segment would witness a growth of 11.1% CAGR from time period 2016 – 2022 thereby achieving a market value of USD 4,472.6 Million by 2022.

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 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 North America 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.

The North America Aviation Intelligent Transport Systems (ITS) Market has been analysed with an in-depth probe into the different Systems market and application areas. As the system market, the report provided insights for Information Display, Tracking & Monitoring, Communication, Kiosks, Smart Gate Self-Service Baggage market. As the application market, the report focuses on Security & Surveillance, Shuttle Bus Tracking, Traveler Information, Smart Ticketing, Aircraft Management, Emergency Notification applications of Aviation Intelligent Transport Systems.

The North America Maritime Intelligent Transport Systems (ITS) Market section covers different System market including Automatic Identification & Vessel Traffic Management, Long-Range Identification & Tracking System, Maritime Navigation & Information Service market. As the application market, the report focuses on Freight Arrival & Transit, Real-Time Weather Information, Scheduling of Container Movement, Emergency Notification applications of Maritime Intelligent Transport Systems Market.



Based on Country, North America Intelligent Transport Systems market is segmented into US, Canada, Mexico and Rest of North America. United States 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, by Solutions

- 1.4.3 North America Railways Intelligent Transport Systems (ITS) Market
- 1.4.4 North America Aviation Intelligent Transport Systems (ITS) Market
- 1.4.5 North America Maritime Intelligent Transport Systems (ITS) Market
- 1.4.6 North America Intelligent Transportation Systems (ITS) Market, by Geography
- 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
  - 3.2.2 Market Restraints

# CHAPTER 4. NORTH AMERICA INTELLIGENT TRANSPORT SYSTEMS (ITS) MARKET - BY MODE OF TRANSPORT

4.1 Introduction

- 4.1.1 North America Intelligent Transport Systems Market By Mode of Transport
  - 4.1.1.1 North America Roadways Intelligent Transport Systems Market
  - 4.1.1.2 North America Railways Intelligent Transport Systems Market
  - 4.1.1.3 North America Aviation Intelligent Transport Systems Market
  - 4.1.1.4 North America Maritime Intelligent Transport Systems Market

# CHAPTER 5. NORTH AMERICA ROADWAYS INTELLIGENT TRANSPORT SYSTEMS MARKET

North America Intelligent Transport Systems Market (2016 - 2022)



5.1 North America Roadways Intelligent Transport Systems Market - By Solution

5.1.1 North America ITS Components Market

5.1.1.1 North America ITS Hardware Components Market

5.1.1.1.1 North America ITS Sensors Market

5.1.1.1.2 North America ITS Interface Board Market

5.1.1.1.3 North America ITS Surveillance Camera Market

5.1.1.1.4 North America ITS Telecommunication Network Market

5.1.1.1.5 North America ITS Monitoring & Detection Market

5.1.1.1.6 North America ITS Other Hardware Market

5.1.1.2 North America ITS Software Components Market

5.1.1.2.1 North America ITS Visualization Software Market

5.1.1.2.2 North America ITS Video Detection Software Market

5.1.1.2.3 North America ITS Transit Management Software Market

5.1.1.2.4 North America ITS Other Software Market

5.1.2 North America Roadways ITS Services Market

5.1.2.1 North America Roadways ITS Business & Cloud Services Market

5.1.2.2 North America Roadways ITS Support & Maintenance Services Market

5.2 North America Roadways Intelligent Transport Systems Market - By System

5.2.1.1.1 North America Roadways Advanced Traveler Information Systems (ATIS) Market

5.2.1.1.2 North America Roadways Advanced Transportation Management Systems (ATMS) Market

5.2.1.1.3 North America Roadways Advanced Transportation Pricing Systems (ATPS) Market

5.2.1.1.4 North America Roadways Advanced Public Transportation Systems (APTS) Market

5.3 North America Roadways Intelligent Transport System Market - By Application

5.3.1.1.1 North America Roadways ITS Fleet Management and Asset Monitoring Application Market

5.3.1.1.2 North America Roadways ITS Automotive Telematics Application Market

5.3.1.1.3 North America Roadways ITS Traffic Management Application Market

5.3.1.1.4 North America Roadways ITS Collision Avoidance Application Market

5.3.1.1.5 North America Roadways ITS Ticketing Management Application Market

5.3.1.1.6 North America Roadways ITS Passenger Information Application Market

5.3.1.1.7 North America Roadways ITS Parking Management Application Market

5.3.1.1.8 North America Roadways ITS Emergency Vehicle Notification Application Market



# CHAPTER 6. NORTH AMERICA RAILWAYS INTELLIGENT TRANSPORT SYSTEMS MARKET

6.1 North America Railways Intelligent Transportation Systems Market - By Application 6.1.1 North America Railways ITS Cost Management Market 6.1.1.1 North America Railways ITS Cost Management Market - By Application 6.1.1.1.1 North America Railways ITS Train Movement Management Market 6.1.1.1.2 North America Railways ITS Maintenance Management Market 6.1.1.1.3 North America Railways ITS Other Application Market 6.1.2 North America Railways ITS Capacity Management Market 6.1.2.1 North America Railways ITS Capacity Management Market - By Application 6.1.2.1.1 North America Railways ITS Crowd Information By Journey Planner Market 6.1.2.1.2 North America Railways ITS Smart Ticketing Market 6.1.2.1.3 North America Railways Others Application Market 6.1.3 North America Railways Customer Management Market 6.1.3.1 North America Railways ITS Customer Management Market by Application 6.1.3.1.1 North America Railways Traveler Information System Market 6.1.3.1.2 North America Railways On-Train Security & Surveillance System Market 6.1.3.1.3 North America Railways Station Security & Surveillance System Market 6.1.3.1.4 North America Railways Real-Time Display System Market 6.1.3.1.5 North America Railways On-Train Multimedia System Market 6.1.3.1.6 North America Railways Others Application Market

#### CHAPTER 7. NORTH AMERICA AVIATION INTELLIGENT TRANSPORT MARKET

- 7.1 North America Aviation ITS Market By System
- 7.1.1 North America Aviation ITS Information Display System Market
- 7.1.2 North America Aviation ITS Tracking & Monitoring System Market
- 7.1.3 North America Aviation ITS Communication system Market
- 7.1.4 North America Aviation ITS Kiosks Market
- 7.1.5 North America Aviation ITS Smart Gate System Market
- 7.1.6 North America Aviation ITS Self-Service Baggage System Market
- 7.1.7 North America Aviation ITS Others Market
- 7.2 North America Aviation ITS Market By Application
  - 7.2.1 North America Aviation ITS Security & Surveillance Market
  - 7.2.2 North America Aviation ITS Shuttle Bus Tracking Market
  - 7.2.3 North America Aviation ITS Traveler Information Market
  - 7.2.4 North America Aviation ITS Smart Ticketing Market



- 7.2.5 North America Aviation ITS Aircraft Management Market
- 7.2.6 North America Aviation ITS Emergency Notification Market
- 7.2.7 North America Aviation ITS Other Application Market

# CHAPTER 8. NORTH AMERICA MARITIME INTELLIGENT TRANSPORT SYSTEMS MARKET

8.1 North America Maritime ITS Market - By System

8.1.1 North America Maritime ITS Automatic Identification & Vessel Traffic Management System Market

8.1.2 North America Maritime ITS Long-Range Identification & Tracking System Market

8.1.3 North America Maritime ITS Navigation & Information Service Market

8.2 North America Maritime Intelligent Transport Systems Market - By Application

- 8.2.1 North America Maritime ITS Freight Arrival & Transit Market
- 8.2.2 North America Maritime ITS Real-Time Weather Information Market

8.2.3 North America Maritime ITS Scheduling of Container Movement Market

8.2.4 North America Maritime ITS Emergency Notification Market

8.2.5 North America Maritime ITS Other Application Market

# CHAPTER 9. NORTH AMERICA INTELLIGENT TRANSPORT SYSTEMS MARKET -BY COUNTRY

- 9.1 U.S Intelligent Transport Systems Market
  - 9.1.1 U.S Intelligent Transport Systems Market by Mode of Transportation
  - 9.1.2 U.S Roadways Intelligent Transport Systems Market
  - 9.1.2.1 U.S Roadways ITS Market by Solutions
  - 9.1.2.1.1 U.S Roadways ITS Market by Components
  - 9.1.2.1.2 U.S Roadways ITS Market by Services
  - 9.1.2.2 U.S Roadways Intelligent Transport System Market by System
  - 9.1.2.3 U.S Roadways Intelligent Transport Systems Market by Application
  - 9.1.3 U.S Railways Intelligent Transport Systems Market
  - 9.1.3.1 U.S Railways ITS Market by Application
  - 9.1.3.1.1 U.S Railways ITS Market by Cost Management Application
  - 9.1.3.1.2 U.S Railways ITS Market by Capacity Management Application
  - 9.1.3.1.3 U.S Railways ITS Market by Customer Management Application
  - 9.1.4 U.S Aviation Intelligent Transport Systems Market
    - 9.1.4.1 U.S Aviation ITS Market by System
    - 9.1.4.2 U.S Aviation ITS Market by Application



9.1.5 U.S Maritime Intelligent Transport Systems Market 9.1.5.1 U.S Maritime Inteligent Transportation Systems Market by System 9.1.5.2 U.S Maritime Intellgent Transport Systems Market by Application 9.2 Canada Intelligent Transport Systems Market 9.2.1 Canada 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 9.2.4 Canada Aviation Intelligent Transportation Systems Market 9.2.4.1 Canada Aviation Intelligent Transport Systems Market by System 9.2.4.2 Canada Aviation Intelligent Transport Systems Market by Application 9.2.5 Canada Maritime Intelligent Transport Systems Market 9.2.5.1 Canada Maritime Intelligent Transport System Market by System 9.2.5.2 Canada Maritime Intelligent Transportation System Market by Application 9.3 Mexico Intelligent Transport Systems Market 9.3.1 Mexico 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 9.3.4 Mexico Aviation Intelligent Transport Systems Market 9.3.4.1 Mexico Aviation Intelligent Transport Systems Market by System 9.3.4.2 Mexico Aviation ITS Market by Application 9.3.5 Mexico Maritime Intelligent Transport Systems Market



9.3.5.1 Mexico Maritime ITS Market by System

9.3.5.2 Mexico Aviation ITS Market by Application

9.4 Rest of North America Intelligent Transport Systems Market

9.4.1 Rest of North America 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

9.4.4 Rest of North America Aviation Intelligent Transport Systems Market

9.4.4.1 Rest of North America Aviation Intelligent Transport Systems Market by System

9.4.4.2 Rest of North America Aviation Intelligent Transport Systems Market by Application

9.4.5 Rest of North America Maritime Intelligent Transport Systems Market

9.4.5.1 Rest of North America Maritime Intelligent Transport Systems Market by System

9.4.5.2 Rest of North America Maritime Intelligent Transport Systems Market by 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 INTELLIGENT TRANSPORTATION SYSTEM (ITS) MARKET, \$ MILLION (2012-2015) Table 2 NORTH AMERICA INTELLIGENT TRANSPORTATION SYSTEM (ITS) MARKET, \$ MILLION (2016-2022) Table 3 NORTH AMERICA INTELLIGENT TRANSPORTATION SYSTEM (ITS) MARKET BY COUNTRY, \$ MILLION (2012-2015) Table 4 NORTH AMERICA INTELLIGENT TRANSPORTATION SYSTEM (ITS) MARKET BY COUNTRY, \$ MILLION (2016-2022) Table 5 NORTH AMERICA ITS MARKET BY MODE OF TRANSPORT, \$ MILLION (2012 - 2015)Table 6 NORTH AMERICA ITS MARKET BY MODE OF TRANSPORT, \$ MILLION (2016-2022) Table 7 NORTH AMERICA ROADWAYS ITS MARKET BY COUNTRY, \$ MILLION (2012 - 2015)Table 8 NORTH AMERICA ROADWAYS ITS MARKET BY COUNTRY, \$ MILLION (2016-2022) Table 9 NORTH AMERICA RAILWAYS ITS MARKET BY REGION, \$ MILLION (2012 - 2015)Table 10 NORTH AMERICA RAILWAYS ITS MARKET BY REGION, \$ MILLION (2016 - 2022)Table 11 NORTH AMERICA AVIATION ITS MARKET BY REGION, \$ MILLION (2012 - 2015)Table 12 NORTH AMERICA AVIATION ITS MARKET BY REGION, \$ MILLION (2016-2022)Table 13 NORTH AMERICA MARITIME ITS MARKET BY REGION, \$ MILLION (2012-2015) Table 14 NORTH AMERICA MARITIME ITS MARKET BY REGION, \$ MILLION (2016-2022)Table 15 NORTH AMERICA ROADWAYS ITS MARKET BY SOLUTION, \$ MILLION (2012 - 2015)Table 16 NORTH AMERICA ROADWAYS ITS MARKET BY SOLUTION, \$ MILLION (2016-2022)Table 17 NORTH AMERICA ROADWAYS ITS COMPONENT MARKET BY REGION, \$ MILLION (2012-2015) Table 18 NORTH AMERICA ROADWAYS ITS COMPONENT MARKET BY REGION, \$



MILLION (2016-2022)

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

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

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

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

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

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

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

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

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

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

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

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

Table 31 NORTH AMERICA ROADWAYS TELECOMMUNICATION NETWORK ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 32 NORTH AMERICA ROADWAYS TELECOMMUNICATION NETWORK ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 33 NORTH AMERICA ROADWAYS ITS MONITORING & DETECTION SYSTEM MARKET BY REGION, \$ MILLION (2012-2015)

Table 34 NORTH AMERICA ROADWAYS ITS MONITORING & DETECTION SYSTEM MARKET BY REGION, \$ MILLION (2016-2022)

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

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

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



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

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

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

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

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

Table 43 NORTH AMERICA ROADWAYS VIDEO DETECTION MANAGEMENTSOFTWARE ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 44 NORTH AMERICA ROADWAYS VIDEO DETECTION MANAGEMENTSOFTWARE ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 45 NORTH AMERICA ROADWAYS TRANSIT MANAGEMENT SYSTEM ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 46 NORTH AMERICA ROADWAYS TRANSIT MANAGEMENT SYSTEM ITS MARKET BY REGION, \$ MILLION (2016-2022)

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

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

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

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

Table 51 NORTH AMERICA ROADWAYS ITS BUSINESS & CLOUD SERVICES MARKET BY REGION, \$ MILLION (2012-2015)

Table 52 NORTH AMERICA ROADWAYS ITS BUSINESS & CLOUD SERVICES MARKET BY REGION, \$ MILLION (2016-2022)

Table 53 NORTH AMERICA ROADWAYS ITS SUPPORT AND MAINTENANCE SERVICES MARKET BY REGION, \$ MILLION (2012-2015)

Table 54 NORTH AMERICA ROADWAYS ITS SUPPORT AND MAINTENANCE SERVICES MARKET BY REGION, \$ MILLION (2016-2022)

Table 55 NORTH AMERICA ROADWAYS ITS MARKET BY SYSTEM, \$ MILLION (2012-2015)

Table 56 NORTH AMERICA ROADWAYS ITS SUPPORT AND MAINTENANCESERVICES MARKET BY REGION, \$ MILLION (2016-2022)

Table 57 NORTH AMERICA ROADWAYS ADVANCED TRAVELER INFORMATION



SYSTEMS (ATIS) MARKET BY REGION, \$ MILLION (2012-2015) Table 58 NORTH AMERICA ROADWAYS ADVANCED TRAVELER INFORMATION SYSTEMS (ATIS) MARKET BY REGION, \$ MILLION (2016-2022) Table 59 NORTH AMERICA ROADWAYS ADVANCED TRANSPORTATION MANAGEMENT SYSTEMS (ATMS) MARKET BY REGION, \$ MILLION (2012-2015) Table 60 NORTH AMERICA ROADWAYS ADVANCED TRANSPORTATION MANAGEMENT SYSTEMS (ATMS) MARKET BY REGION, \$ MILLION (2016-2022) Table 61 NORTH AMERICA ROADWAYS ADVANCED TRANSPORTATION PRICING SYSTEMS (ATPS) MARKET BY REGION, \$ MILLION (2012-2015) Table 62 NORTH AMERICA ROADWAYS ADVANCED TRANSPORTATION PRICING SYSTEMS (ATPS) MARKET BY REGION, \$ MILLION (2016-2022) Table 63 NORTH AMERICA ROADWAYS ADVANCED PUBLIC TRANSPORTATION SYSTEMS (APTS) MARKET BY REGION, \$ MILLION (2012-2015) Table 64 NORTH AMERICA ROADWAYS ADVANCED PUBLIC TRANSPORTATION SYSTEMS (APTS) MARKET BY REGION, \$ MILLION (2016-2022) Table 65 NORTH AMERICA ROADWAYS ITS MARKET BY APPLICATION, \$ MILLION (2012 - 2015)

Table 66 NORTH AMERICA ROADWAYS ITS MARKET BY APPLICATION, \$ MILLION (2016-2022)

Table 67 NORTH AMERICA ROADWAYS FLEET MANAGEMENT AND ASSETMONITORING SYSTEM MARKET BY REGION, \$ MILLION (2012-2015)

Table 68 NORTH AMERICA ROADWAYS FLEET MANAGEMENT AND ASSETMONITORING SYSTEM MARKET BY REGION, \$ MILLION (2016-2022)

Table 69 NORTH AMERICA ROADWAYS AUTOMOTIVE TELEMATICS SYSTEM MARKET BY REGION, \$ MILLION (2012-2015)

Table 70 NORTH AMERICA ROADWAYS AUTOMOTIVE TELEMATICS SYSTEM MARKET BY REGION, \$ MILLION (2016-2022)

Table 71 NORTH AMERICA ROADWAYS TRAFFIC MANAGEMENT MARKET BY REGION, \$ MILLION (2012-2015)

Table 72 NORTH AMERICA ROADWAYS TRAFFIC MANAGEMENT MARKET BY REGION, \$ MILLION (2016-2022)

Table 73 NORTH AMERICA ROADWAYS COLLISION AVOIDANCE SYSTEMMARKET BY REGION, \$ MILLION (2012-2015)

Table 74 NORTH AMERICA ROADWAYS COLLISION AVOIDANCE SYSTEMMARKET BY REGION, \$ MILLION (2016-2022)

Table 75 NORTH AMERICA ROADWAYS TICKETING MANAGEMENT SYSTEMMARKET BY REGION, \$ MILLION (2012-2015)

Table 76 NORTH AMERICA ROADWAYS TICKETING MANAGEMENT SYSTEMMARKET BY REGION, \$ MILLION (2016-2022)



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

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

Table 79 NORTH AMERICA ROADWAYS PARKING MANAGEMENT SYSTEM MARKET BY REGION, \$ MILLION (2012-2015)

Table 80 NORTH AMERICA ROADWAYS PARKING MANAGEMENT SYSTEM MARKET BY REGION, \$ MILLION (2016-2022)

Table 81 NORTH AMERICA ROADWAYS EMERGENCY VEHICLE NOTIFICATION SYSTEM MARKET BY REGION, \$ MILLION (2012-2015)

Table 82 NORTH AMERICA ROADWAYS EMERGENCY VEHICLE NOTIFICATION SYSTEM MARKET BY REGION, \$ MILLION (2016-2022)

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

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

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

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

Table 87 NORTH AMERICA RAILWAYS ITS MARKET BY COST MANAGEMENT APPLICATION, \$ MILLION (2012-2015)

Table 88 NORTH AMERICA RAILWAYS ITS MARKET BY COST MANAGEMENT APPLICATION, \$ MILLION (2016-2022)

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

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

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

Table 92 NORTH AMERICA RAILWAYS MAINTENANCE MANAGEMENT ITSMARKET BY REGION, \$ MILLION (2016-2022)

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

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

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

Table 96 NORTH AMERICA RAILWAYS CAPACITY MANAGEMENT ITS MARKET BY



REGION, \$ MILLION (2016-2022)

Table 97 NORTH AMERICA RAILWAYS ITS MARKET BY CAPACITY MANAGEMENT APPLICATION, \$ MILLION (2012-2015)

Table 98 NORTH AMERICA RAILWAYS ITS MARKET BY CAPACITY MANAGEMENT APPLICATION, \$ MILLION (2016-2022)

Table 99 NORTH AMERICA RAILWAYS CROWD INFORMATION BY JOURNEY PLANNER ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 100 NORTH AMERICA RAILWAYS CROWD INFORMATION BY JOURNEYPLANNER ITS MARKET BY REGION, \$ MILLION (2016-2022)

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

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

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

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

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

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

Table 107 NORTH AMERICA RAILWAYS ITS MARKET BY CUSTOMER MANAGEMENT APPLICATION, \$ MILLION (2012-2015)

Table 108 NORTH AMERICA RAILWAYS ITS MARKET BY CUSTOMER

MANAGEMENT APPLICATION, \$ MILLION (2016-2022)

Table 109 NORTH AMERICA RAILWAYS TRAVELER INFORMATION ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 110 NORTH AMERICA RAILWAYS TRAVELER INFORMATION ITS MARKET BY REGION, \$ MILLION (2016-2022)

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

Table 114 NORTH AMERICA RAILWAYS ON-TRAIN SECURITY & SURVEILLANCE ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 115 NORTH AMERICA RAILWAYS REAL-TIME DISPLAY ITS MARKET BY REGION, \$ MILLION (2012-2015)



Table 116 NORTH AMERICA RAILWAYS REAL-TIME DISPLAY ITS MARKET BY REGION, \$ MILLION (2016-2022)

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

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

Table 119 NORTH AMERICA RAILWAYS OTHERS ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 120 NORTH AMERICA RAILWAYS OTHERS ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 121 NORTH AMERICA AVIATION ITS MARKET BY SYSTEM, \$ MILLION (2012-2015)

Table 122 NORTH AMERICA AVIATION ITS MARKET BY SYSTEM, \$ MILLION (2016-2022)

Table 123 NORTH AMERICA AVIATION INFORMATION DISPLAY ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 124 NORTH AMERICA AVIATION INFORMATION DISPLAY ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 125 NORTH AMERICA AVIATION TRACKING & MONITORING ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 126 NORTH AMERICA AVIATION TRACKING & MONITORING ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 127 NORTH AMERICA AVIATION COMMUNICATION ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 128 NORTH AMERICA AVIATION COMMUNICATION ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 129 NORTH AMERICA AVIATION KIOSKS ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 130 NORTH AMERICA AVIATION KIOSKS ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 131 NORTH AMERICA AVIATION SMART GATE ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 132 NORTH AMERICA AVIATION ITS SMART GATE SYSTEM MARKET BY REGION, \$ MILLION (2012-2015)

Table 133 NORTH AMERICA AVIATION SELF-SERVICE BAGGAGE ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 134 NORTH AMERICA AVIATION SELF-SERVICE BAGGAGE ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 135 NORTH AMERICA AVIATION OTHERS ITS MARKET BY REGION, \$



MILLION (2012-2015)

Table 136 NORTH AMERICA AVIATION OTHERS ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 137 NORTH AMERICA AVIATION ITS MARKET BY APPLICATION, \$ MILLION (2012-2015)

Table 138 NORTH AMERICA AVIATION ITS MARKET BY APPLICATION, \$ MILLION (2016-2022)

Table 139 NORTH AMERICA AVIATION SECURITY & SURVEILLANCE ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 140 NORTH AMERICA AVIATION SECURITY & SURVEILLANCE ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 141 NORTH AMERICA AVIATION SHUTTLE BUS TRACKING ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 142 NORTH AMERICA AVIATION SHUTTLE BUS TRACKING ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 143 NORTH AMERICA AVIATION TRAVELER INFORMATION ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 144 NORTH AMERICA AVIATION TRAVELER INFORMATION ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 145 NORTH AMERICA AVIATION SMART TICKETING ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 146 NORTH AMERICA AVIATION SMART TICKETING ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 147 NORTH AMERICA AVIATION AIRCRAFT MANAGEMENT ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 148 NORTH AMERICA AVIATION AIRCRAFT MANAGEMENT ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 149 NORTH AMERICA AVIATION EMERGENCY NOTIFICATION ITS MARKET BY REGIONS, \$ MILLION (2012-2015)

Table 150 NORTH AMERICA AVIATION EMERGENCY NOTIFICATION ITS MARKET BY REGIONS, \$ MILLION (2016-2022)

Table 151 NORTH AMERICA AVIATION OTHER APPLICATION ITS MARKET BY REGION, \$ MILLION (2012-2015)

Table 152 NORTH AMERICA AVIATION OTHER APPLICATION ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 153 NORTH AMERICA MARITIME ITS MARKET BY SYSTEM, \$ MILLION (2012-2015)

Table 154 NORTH AMERICA MARITIME ITS MARKET BY SYSTEM, \$ MILLION (2016-2022)



Table 155 NORTH AMERICA MARITIME AUTOMATIC IDENTIFICATION & VESSEL TRAFFIC MANAGEMENT ITS MARKET BY REGION, \$ MILLION (2012-2015) Table 156 NORTH AMERICA MARITIME AUTOMATIC IDENTIFICATION & VESSEL TRAFFIC MANAGEMENT ITS MARKET BY REGION, \$ MILLION (2016-2022) Table 157 NORTH AMERICA MARITIME LONG-RANGE IDENTIFICATION & TRACKING ITS MARKET BY REGION, \$ MILLION (2012-2015) Table 158 NORTH AMERICA MARITIME LONG-RANGE IDENTIFICATION & TRACKING ITS MARKET BY REGION, \$ MILLION (2016-2022) Table 159 NORTH AMERICA MARITIME NAVIGATION & INFORMATION SERVICE MARKET BY REGION, \$ MILLION (2012-2015) Table 160 NORTH AMERICA MARITIME NAVIGATION & INFORMATION SERVICE MARKET BY REGION, \$ MILLION (2016-2022) Table 161 NORTH AMERICA MARITIME ITS MARKET BY APPLICATION, \$ MILLION (2012 - 2015)Table 162 NORTH AMERICA MARITIME ITS MARKET BY APPLICATION, \$ MILLION (2016 - 2022)Table 163 NORTH AMERICA MARITIME FREIGHT ARRIVAL & TRANSIT ITS MARKET BY REGION, \$ MILLION (2012-2015) Table 164 NORTH AMERICA MARITIME FREIGHT ARRIVAL & TRANSIT ITS MARKET BY REGION, \$ MILLION (2016-2022) Table 165 NORTH AMERICA MARITIME REAL-TIME WEATHER INFORMATION ITS MARKET BY REGION, \$ MILLION (2012-2015) Table 166 NORTH AMERICA MARITIME REAL-TIME WEATHER INFORMATION ITS MARKET BY REGION, \$ MILLION (2016-2022) Table 167 NORTH AMERICA MARITIME SCHEDULING OF CONTAINER MOVEMENT ITS MARKET BY REGION, \$ MILLION (2012-2015) Table 168 NORTH AMERICA MARITIME SCHEDULING OF CONTAINER MOVEMENT ITS MARKET BY REGION, \$ MILLION (2016-2022) Table 169 NORTH AMERICA MARITIME EMERGENCY NOTIFICATION ITS MARKET BY REGION, \$ MILLION (2012-2015) Table 170 NORTH AMERICA MARITIME EMERGENCY NOTIFICATION ITS MARKET BY REGION, \$ MILLION (2016-2022) Table 171 NORTH AMERICA MARITIME OTHERS ITS MARKET BY REGION, \$ MILLION (2012-2015) Table 172 NORTH AMERICA MARITIME OTHERS ITS MARKET BY REGION, \$ MILLION (2016-2022)

Table 173 U.S ITS MARKET, \$ MILLION (2012-2015)

Table 174 U.S ITS MARKET, \$ MILLION (2016-2022)

Table 175 U.S ITS MARKET BY MODE OF TRANSPORTATION, \$ MILLION



(2012-2015)

Table 176 U.S ITS MARKET BY MODE OF TRANSPORTATION, \$ MILLION (2016-2022)

Table 177 U.S ROADWAYS ITS MARKET BY SOLUTIONS, \$ MILLION (2012-2015) Table 178 U.S ROADWAYS ITS MARKET BY SOLUTIONS, \$ MILLION (2016-2022) Table 179 U.S ROADWAYS ITS MARKET BY COMPONENTS, \$ MILLION (2012-2015) Table 180 U.S ROADWAYS ITS MARKET BY COMPONENTS, \$ MILLION (2016-2022) Table 181 U.S ROADWAYS ITS MARKET BY HARDWARE, \$ MILLION (2012-2015) Table 182 U.S ROADWAYS ITS MARKET BY HARDWARE, \$ MILLION (2016-2022) Table 183 U.S ROADWAYS ITS MARKET BY SOFTWARE, \$ MILLION (2012-2015) Table 184 U.S ROADWAYS ITS MARKET BY SOFTWARE, \$ MILLION (2016-2022) Table 185 U.S ROADWAYS ITS MARKET BY SERVICES, \$ MILLION (2012-2015) Table 186 U.S ROADWAYS ITS MARKET BY SERVICES, \$ MILLION (2016-2022) Table 187 U.S ROADWAYS ITS MARKET BY SYSTEM, \$ MILLION (2012-2015) Table 188 U.S ROADWAYS ITS MARKET BY SYSTEM, \$ MILLION (2016-2022) Table 189 U.S ROADWAYS ITS MARKET BY APPLICATION, \$ MILLION (2012-2015) Table 190 U.S ROADWAYS ITS MARKET BY APPLICATION, \$ MILLION (2016-2022) Table 191 U.S RAILWAYS ITS MARKET BY APPLICATION, \$ MILLION (2012-2015) Table 192 U.S RAILWAYS ITS MARKET BY APPPLICATION, \$ MILLION (2016-2022) Table 193 U.S RAILWAYS COST MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2012-2015)

Table 194 U.S RAILWAYS COST MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2016-2022)

Table 195 U.S RAILWAYS CAPACITY MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2012-2015)

Table 196 U.S RAILWAYS CAPACITY MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2016-2022)

Table 197 U.S RAILWAYS CUSTOMER MANAGEMENT APPLICATION ITS MARKET BY, \$ MILLION (2012-2015)

Table 198 U.S RAILWAYS CUSTOMER MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2016-2022)

Table 199 U.S AVIATION ITS MARKET BY SYSTEM, \$ MILLION (2012-2015) Table 200 U.S AVIATION ITS MARKET BY SYSTEM, \$ MILLION (2016-2022) Table 201 U.S AVIATION ITS MARKET BY APPLICATION, \$ MILLION (2012-2015) Table 202 U.S AVIATION ITS MARKET BY APPLICATION, \$ MILLION (2016-2022) Table 203 U.S MARITIME ITS MARKET BY SYSTEM, \$ MILLION (2012-2015) Table 204 U.S MARITIME ITS MARKET BY SYSTEM, \$ MILLION (2016-2022) Table 205 U.S MARITIME ITS MARKET BY APPLICATION, \$ MILLION (2012-2015) Table 205 U.S MARITIME ITS MARKET BY APPLICATION, \$ MILLION (2012-2015) Table 206 U.S MARITIME ITS MARKET BY APPLICATION, \$ MILLION (2012-2015)



Table 207 CANADA ITS MARKET, \$ MILLION (2012-2015) Table 208 CANADA ITS MARKET, \$ MILLION (2016-2022) Table 209 CANADA ITS MARKET BY MODE OF TRANSPORTATION, \$ MILLION (2012-2015) Table 210 CANADA ITS MARKET BY MODE OF TRANSPORTATION, \$ MILLION (2016-2022)Table 211 CANADA ROADWAYS ITS MARKET BY SOLUTIONS, \$ MILLION (2012 - 2015)Table 212 CANADA ROADWAYS ITS MARKET BY SOLUTIONS, \$ MILLION (2016-2022) Table 213 CANADA ROADWAYS ITS MARKET BY COMPONENTS, \$ MILLION (2012 - 2015)Table 214 CANADA ROADWAYS ITS MARKET BY COMPONENTS, \$ MILLION (2016 - 2022)Table 215 CANADA ROADWAYS ITS MARKET BY HARDWARE, \$ MILLION (2012 - 2015)Table 216 CANADA ROADWAYS ITS MARKET BY HARDWARE, \$ MILLION (2016-2022) Table 217 CANADA ROADWAYS ITS MARKET BY SOFTWARE, \$ MILLION (2012 - 2015)Table 218 CANADA ROADWAYS ITS MARKET BY SOFTWARE, \$ MILLION (2016-2022)Table 219 CANADA ROADWAYS ITS MARKET BY SERVICES, \$ MILLION (2012-2015) Table 220 CANADA ROADWAYS ITS MARKET BY SERVICES, \$ MILLION (2016-2022) Table 221 CANADA ROADWAYS ITS MARKET BY SYSTEM, \$ MILLION (2012-2015) Table 222 CANADA ROADWAYS ITS MARKET BY SYSTEM, \$ MILLION (2016-2022) Table 223 CANADA ROADWAYS ITS MARKET BY APPLICATION, \$ MILLION (2012 - 2015)Table 224 CANADA ROADWAYS ITS MARKET BY APPLICATION, \$ MILLION (2016-2022) Table 225 CANADA RAILWAYS ITS MARKET BY APPLICATION, \$ MILLION (2012 - 2015)Table 226 CANADA RAILWAYS ITS MARKET BY APPPLICATION, \$ MILLION (2016 - 2022)Table 227 CANADA RAILWAYS COST MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2012-2015) Table 228 CANADA RAILWAYS COST MANAGEMENT APPLICATION ITS MARKET,



\$ MILLION (2016-2022)

Table 229 CANADA RAILWAYS CAPACITY MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2012-2015)

Table 230 CANADA RAILWAYS CAPACITY MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2016-2022)

Table 231 CANADA RAILWAYS CUSTOMER MANAGEMENT APPLICATION ITS MARKET BY, \$ MILLION (2012-2015)

Table 232 CANADA RAILWAYS CUSTOMER MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2016-2022)

Table 233 CANADA AVIATION ITS MARKET BY SYSTEM, \$ MILLION (2012-2015) Table 234 CANADA AVIATION ITS MARKET BY SYSTEM, \$ MILLION (2016-2022) Table 235 CANADA AVIATION ITS MARKET BY APPLICATION, \$ MILLION (2012-2015)

Table 236 CANADA MARITIME ITS MARKET BY SYSTEM, \$ MILLION (2012-2015) Table 237 CANADA MARITIME ITS MARKET BY SYSTEM, \$ MILLION (2016-2022) Table 238 CANADA MARITIME ITS MARKET BY APPLICATION, \$ MILLION (2012-2015)

Table 239 CANADA MARITIME ITS MARKET BY APPLICATION, \$ MILLION (2016-2022)

Table 240 MEXICO ITS MARKET, \$ MILLION (2012-2015)

Table 241 MEXICO ITS MARKET, \$ MILLION (2016-2022)

Table 242 MEXICO ITS MARKET BY MODE OF TRANSPORTATION, \$ MILLION (2012-2015)

Table 243 MEXICO ITS MARKET BY MODE OF TRANSPORTATION, \$ MILLION (2016-2022)

Table 244 MEXICO ROADWAYS ITS MARKET BY SOLUTIONS, \$ MILLION (2012-2015)

Table 245 MEXICO ROADWAYS ITS MARKET BY SOLUTIONS, \$ MILLION (2016-2022)

Table 246 MEXICO ROADWAYS ITS MARKET BY COMPONENTS, \$ MILLION (2012-2015)

Table 247 MEXICO ROADWAYS ITS MARKET BY COMPONENTS, \$ MILLION (2016-2022)

Table 248 MEXICO ROADWAYS ITS MARKET BY HARDWARE, \$ MILLION (2012-2015)

Table 249 MEXICO ROADWAYS ITS MARKET BY HARDWARE, \$ MILLION (2016-2022)

Table 250 MEXICO ROADWAYS ITS MARKET BY SOFTWARE, \$ MILLION (2012-2015)



Table 251 MEXICO ROADWAYS ITS MARKET BY SOFTWARE, \$ MILLION (2016-2022)

Table 252 MEXICO ROADWAYS ITS MARKET BY SERVICES, \$ MILLION (2012-2015)

Table 253 MEXICO ROADWAYS ITS MARKET BY SERVICES, \$ MILLION (2016-2022)

Table 254 MEXICO ROADWAYS ITS MARKET BY SYSTEM, \$ MILLION (2012-2015) Table 255 MEXICO ROADWAYS ITS MARKET BY SYSTEM, \$ MILLION (2016-2022) Table 256 MEXICO ROADWAYS ITS MARKET BY APPLICATION, \$ MILLION (2012-2015)

Table 257 MEXICO ROADWAYS ITS MARKET BY SYSTEM, \$ MILLION (2016-2022) Table 258 MEXICO RAILWAYS ITS MARKET BY APPLICATION, \$ MILLION (2012-2015)

Table 259 MEXICO RAILWAYS ITS MARKET BY APPPLICATION, \$ MILLION (2016-2022)

Table 260 MEXICO RAILWAYS COST MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2012-2015)

Table 261 MEXICO RAILWAYS COST MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2016-2022)

Table 262 MEXICO RAILWAYS CAPACITY MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2012-2015)

Table 263 MEXICO RAILWAYS CAPACITY MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2016-2022)

Table 264 MEXICO RAILWAYS CUSTOMER MANAGEMENT APPLICATION ITS MARKET BY, \$ MILLION (2012-2015)

Table 265 MEXICO RAILWAYS CUSTOMER MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2016-2022)

Table 266 MEXICO AVIATION ITS MARKET BY SYSTEM, \$ MILLION (2012-2015) Table 267 MEXICO AVIATION ITS MARKET BY SYSTEM, \$ MILLION (2016-2022) Table 268 MEXICO AVIATION ITS MARKET BY APPLICATION, \$ MILLION (2012-2015)

Table 269 MEXICO AVIATION ITS MARKET BY APPLICATION, \$ MILLION (2016-2022)

Table 270 MEXICO MARITIME ITS MARKET BY SYSTEM, \$ MILLION (2012-2015) Table 271 MEXICO MARITIME ITS MARKET BY SYSTEM, \$ MILLION (2016-2022) Table 272 MEXICO MARITIME ITS MARKET BY APPLICATION, \$ MILLION (2012-2015)

Table 273 MEXICO MARITIME ITS MARKET BY APPLICATION, \$ MILLION (2016-2022)



Table 274 REST OF NORTH AMERICA ITS MARKET, \$ MILLION (2012-2015) Table 275 REST OF NORTH AMERICA ITS MARKET, \$ MILLION (2016-2022) Table 276 REST OF NORTH AMERICA ITS MARKET BY MODE OF TRANSPORTATION, \$ MILLION (2012-2015) Table 277 REST OF NORTH AMERICA ITS MARKET BY MODE OF TRANSPORTATION, \$ MILLION (2016-2022) Table 278 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY SOLUTIONS, \$ MILLION (2012-2015) Table 279 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY SOLUTIONS, \$ MILLION (2016-2022) Table 280 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY COMPONENTS, \$ MILLION (2012-2015) Table 281 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY COMPONENTS, \$ MILLION (2016-2022) Table 282 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY HARDWARE, \$ MILLION (2012-2015) Table 283 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY HARDWARE, \$ MILLION (2016-2022) Table 284 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY SOFTWARE, \$ MILLION (2012-2015) Table 285 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY SOFTWARE, \$ MILLION (2016-2022) Table 286 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY SERVICES, \$ MILLION (2012-2015) Table 287 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY SERVICES, \$ MILLION (2016-2022) Table 288 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY SYSTEM, \$ MILLION (2012-2015) Table 289 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY SYSTEM, \$ MILLION (2016-2022) Table 290 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY APPLICATION, \$ MILLION (2012-2015) Table 291 REST OF NORTH AMERICA ROADWAYS ITS MARKET BY SYSTEM, \$ MILLION (2016-2022) Table 292 REST OF NORTH AMERICA RAILWAYS ITS MARKET BY APPLICATION. \$ MILLION (2012-2015) Table 293 REST OF NORTH AMERICA RAILWAYS ITS MARKET BY APPPLICATION, \$ MILLION (2016-2022)

Table 294 REST OF NORTH AMERICA RAILWAYS COST MANAGEMENT



APPLICATION ITS MARKET, \$ MILLION (2012-2015) Table 295 REST OF NORTH AMERICA RAILWAYS COST MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2016-2022) Table 296 REST OF NORTH AMERICA RAILWAYS CAPACITY MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2012-2015) Table 297 REST OF NORTH AMERICA RAILWAYS CAPACITY MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2016-2022) Table 298 REST OF NORTH AMERICA RAILWAYS CUSTOMER MANAGEMENT APPLICATION ITS MARKET BY, \$ MILLION (2012-2015) Table 299 REST OF NORTH AMERICA RAILWAYS CUSTOMER MANAGEMENT APPLICATION ITS MARKET, \$ MILLION (2016-2022) Table 300 REST OF NORTH AMERICA AVIATION ITS MARKET BY SYSTEM, \$ MILLION (2012-2015) Table 301 REST OF NORTH AMERICA AVIATION ITS MARKET BY SYSTEM, \$ MILLION (2016-2022) Table 302 REST OF NORTH AMERICA AVIATION ITS MARKET BY APPLICATION, \$ MILLION (2012-2015) Table 303 REST OF NORTH AMERICA AVIATION ITS MARKET BY APPLICATION, \$ MILLION (2016-2022) Table 304 REST OF NORTH AMERICA MARITIME ITS MARKET BY SYSTEM, \$ MILLION (2012-2015) Table 305 REST OF NORTH AMERICA MARITIME ITS MARKET BY SYSTEM, \$ MILLION (2016-2022) Table 306 MEXICO MARITIME ITS MARKET BY APPLICATION, \$ MILLION (2012 - 2015)Table 307 REST OF NORTH AMERICA MARITIME ITS MARKET BY APPLICATION, \$ MILLION (2016-2022) Table 308 SIEMENS AG COMPANY SNAPSHOT Table 309 INTEL CORPORATION COMPANY SNAPSHOT Table 310 ZTE CORPORATION COMPANY SNAPSHOT Table 311 CISCO SYTEMS, INC. COMPANY SNAPSHOT Table 312 IBM CORPORATION COMPANY SNAPSHOT Table 313 MICROSOFT CORPORATION COMPANY SNAPSHOT Table 314 ORACLE CORPORATION COMPANY SNAPSHOT Table 315 COMPUTER SCIENCE CORPORATION COMPANY SNAPSHOT



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