

Passenger Information System Market by Component (Solutions and Services), Location (On Board and In Station), Transportation Mode (Railways (Trains and Trams), Roadways, and Airways and Waterways) and Region - Global Forecast to 2027

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Abstracts

The global passenger information system market size is expected to grow from USD 26.5 billion in 2022 to USD 46.2 billion by 2027, at a Compound Annual Growth Rate (CAGR) of 11.8% during the forecast period. The proliferation of mobile Wi-Fi and the increase in the prevalence of smartphones and other handheld devices have led to a shift in the focus on mobile PIS solutions, as it offers the passengers the opportunity of easy and rapid information access. With the increase in the number of smartphone users and enhanced connectivity across the globe, passenger experiences have improved, with a rise in overall efficiency.

COVID-19 has been one of the biggest global challenges of the current generation. The ongoing projects were paused due to a decline in the budgets. The projects, which were highly strategic initiatives and projects involving technologies directly linked to COVID-19, were not put on hold. The COVID-19 outbreak has impacted the supply chains worldwide, as well as the global trade and the transportation industry. COVID-19 has already had a negative impact on tourism, national trade, and overall productivity globally. These factors would affect the growth of the transportation industry and, in turn, the growth of the PIS market in the region. Due to the pandemic, the preference for contactless fare payments by passengers for transportation has increased. The rise in the adoption of smart payment options has enabled safe and seamless travel for passengers.

The roadways transportation mode is estimated to account higher CAGR during the

forecast period

Smart transportation is growing in popularity, given the technology's ability to ease congestion and improve road safety by effectively monitoring and managing vehicular traffic. Buses are a primary mode of public transport in various countries, such as the US, Canada, Germany, the UK, China, India, and Australia. There are a large number of buses in the transportation sector, and PIS solutions are increasingly being adopted in buses for reliable and safe service offerings to enhance the overall transit operations. The increase in awareness of benefits offered by PIS solutions among fleet operators is further projected to drive the growth of the market.

Deployment and integration services are expected account for the largest market share during 2022

The deployment and integration services help identify the need for the adoption or upgradation to support the PIS solutions in the existing infrastructure to avoid restrictions of this software. These services help in speed deployment, save time and cost, enable efficient working, and minimize deployment-related disruptions. The adoption of deployment and integration services can help transit service providers to improve overall efficiency, along with decreasing operational costs. With time, deployment and integration services would increase as more transit service providers focus on installing new IT systems by replacing or integrating legacy systems with new and technologically advanced solutions.

Among regions, APAC to hold higher CAGR during the forecast period

The growth of the passenger information system market in APAC is highly driven by the technological advancement across the region. China is anticipated to be the leading country for passenger information system Market growth in Asia Pacific, followed by India. The increase in the population growth rate in the region has intensified the need for transformation and expansion of the existing public transportation infrastructure, which has led to a rise in demand for PIS solutions. The developing transportation sector, railway routes, bus stations, and airports are likely to create a demand for PIS in the region. It has been observed that transit agencies in the region are using advanced technology systems for improved service offerings to attract and encourage passengers to use public transport systems. As public transport for commuting in countries, such as Japan, China, and India, play a major role, it is projected to create a high demand for the PIS market in the coming years.

Breakdown of primaries

In-depth interviews were conducted with Chief Executive Officers (CEOs), innovation and technology directors, system integrators, and executives from various key organizations operating in the passenger information system market.

By Company: Tier I: 62%, Tier II: 23%, and Tier III: 15%

By Designation: C-Level Executives: 38%, Directors: 30%, and others: 32%

By Region: North America: 40%, Europe: 15%, Asia Pacific: 35%, Middle East and Africa: 5%, Latin America: 5%

The report includes the study of key players offering passenger information system solutions and services. It profiles major vendors in the global passenger information system market. The major vendors in the global passenger information system market include Advantech (Taiwan), Alstom (France), Wabtec (US), Cubic (US), Cisco (US), Siemens (Germany), Hitachi (Japan), Huawei (China), Thales (France), Teleste (Finland), Televic (Belgium), Mitsubishi Electric (Japan), ST Engineering (Singapore), DYSTEN (Poland), Lunetta (India), R2P (Germany), Indra (Spain), ICON Multimedia (Spain), Passio Technologies (US), LANCom (Slovenia), Simpleway (Czech), EKE-Electronics (Finland), Medha Servo Drives (India), Quester Tangent (Canada), and LOT Group (Ukraine), Efftronics (India).

Research Coverage

The market study covers the passenger information system market across segments. It aims at estimating the market size and the growth potential of this market across different segments, such as component, security type, deployment mode, organization size, verticals, and region. It includes an in-depth competitive analysis of the key players in the market, along with their company profiles, key observations related to product and business offerings, recent developments, and key market strategies.

Key Benefits of Buying the Report

The report would provide the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall passenger information system market and its subsegments. It would help stakeholders

understand the competitive landscape and gain more insights better to position their business and plan suitable go-to-market strategies. It also helps stakeholders understand the pulse of the market and provides them with information on key market drivers, restraints, challenges, and opportunities.

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 MARKET DEFINITION

1.3 STUDY SCOPE

1.3.1 MARKET SEGMENTATION

1.3.2 REGIONAL SCOPE

1.3.3 INCLUSIONS AND EXCLUSIONS

1.3.4 YEARS CONSIDERED

1.4 CURRENCY

TABLE 1 USD EXCHANGE RATES, 2019–2021

1.5 STAKEHOLDERS

1.6 LIMITATIONS OF STUDY

1.7 SUMMARY OF CHANGES

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

FIGURE 1 GLOBAL PASSENGER INFORMATION SYSTEM (PIS) MARKET: RESEARCH DESIGN

2.1.1 SECONDARY DATA

2.1.1.1 Secondary sources

2.1.2 PRIMARY DATA

2.1.2.1 Breakdown of primary profiles

FIGURE 2 BREAKDOWN OF PRIMARY INTERVIEWS: BY COMPANY, DESIGNATION, AND REGION

2.1.2.2 Primary sources

2.1.2.3 Key industry insights

2.2 MARKET BREAKUP AND DATA TRIANGULATION

FIGURE 3 DATA TRIANGULATION

2.3 MARKET SIZE ESTIMATION

FIGURE 4 RESEARCH METHODOLOGY: APPROACH

2.3.1 TOP-DOWN APPROACH

FIGURE 5 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

2.3.2 BOTTOM-UP APPROACH

FIGURE 6 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

FIGURE 7 MARKET SIZE ESTIMATION METHODOLOGY? APPROACH 1 (SUPPLY-

SIDE): REVENUES FROM DIFFERENT SOLUTIONS /SERVICES IN THE PASSENGER INFORMATION SYSTEM MARKET

FIGURE 8 MARKET SIZE ESTIMATION METHODOLOGY ? APPROACH 1 BOTTOM-UP (SUPPLY-SIDE): COLLECTIVE REVENUE OF SOLUTIONS/SERVICES IN THE PASSENGER INFORMATION SYSTEM MARKET

FIGURE 9 MARKET SIZE ESTIMATION METHODOLOGY—APPROACH 2—BOTTOM-UP (DEMAND SIDE): SHARE OF THE PASSENGER INFORMATION SYSTEM MARKET THROUGH THE COMPONENT LEVEL

2.4 MARKET FORECAST

TABLE 2 FACTOR ANALYSIS

2.5 ASSUMPTIONS FOR THE STUDY

3 EXECUTIVE SUMMARY

FIGURE 10 PASSENGER INFORMATION SYSTEM MARKET SIZE, 2022-2027

FIGURE 11 BASED ON COMPONENT, THE SOLUTIONS SEGMENT IS ESTIMATED TO LEAD THE MARKET DURING THE FORECAST PERIOD

FIGURE 12 BASED ON SOLUTIONS, MOBILE APPLICATIONS ARE PROJECTED TO GROW WITH THE HIGHEST GROWTH RATE DURING THE FORECAST PERIOD

FIGURE 13 BASED ON LOCATION, THE ON-BOARD SEGMENT IS EXPECTED TO LEAD THE MARKET DURING THE FORECAST PERIOD

FIGURE 14 BASED ON TRANSPORTATION MODE, THE ROADWAYS SEGMENT IS PROJECTED TO GROW AT THE HIGHEST GROWTH RATE DURING THE FORECAST PERIOD

FIGURE 15 GROWING SEGMENTS IN THE PASSENGER INFORMATION SYSTEM MARKET, 2022-2027

FIGURE 16 PASSENGER INFORMATION SYSTEM MARKET: REGIONAL SNAPSHOT

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES IN PASSENGER INFORMATION SYSTEM MARKET

FIGURE 17 RISE IN DEMAND FOR REAL-TIME TRANSIT INFORMATION OF PASSENGERS TO DRIVE THE MARKET GROWTH DURING THE FORECAST PERIOD

4.2 ASIA PACIFIC PASSENGER INFORMATION SYSTEM MARKET, BY LOCATION AND COUNTRY

FIGURE 18 ON-BOARD LOCATION SEGMENT AND CHINA TO ACCOUNT FOR

LARGEST MARKET SHARE IN ASIA PACIFIC IN 2022

4.3 PASSENGER INFORMATION SYSTEM MARKET: MAJOR COUNTRIES

FIGURE 19 INDIA TO GROW AT HIGHEST RATE DURING FORECAST PERIOD

5 MARKET OVERVIEW AND INDUSTRY TRENDS

5.1 MARKET OVERVIEW

5.2 MARKET DYNAMICS

FIGURE 20 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES:
PASSENGER INFORMATION SYSTEM MARKET

5.2.1 DRIVERS

5.2.1.1 Rise in demand for intelligent public transportation systems

5.2.1.2 Increase in adoption of smartphones and other handheld devices

5.2.1.3 Advancements in the technological solutions to enhance passenger experience

5.2.1.4 Rise in urban population and traffic in public transportation systems

TABLE 3 TOP 10 CONGESTED CITIES WORLDWIDE

5.2.2 RESTRAINTS

5.2.2.1 High implementation and maintenance costs

5.2.2.2 Stringent transportation regulatory policies

5.2.3 OPPORTUNITIES

5.2.3.1 Adoption of IoT, 5G, and automation to enhance technological optimization

5.2.3.2 Increase in penetration of cloud, big data, and analytics

5.2.3.3 Decline in vehicle ownership with advancements in Mobility as a Service (MaaS)

TABLE 4 RAILWAY INFRASTRUCTURE INVESTMENT, BY REGION, 2018

5.2.4 CHALLENGES

5.2.4.1 Complexities in the integration over the legacy infrastructure and communication networks

5.2.4.2 Multiple sensors and touchpoints pose data fusion challenge

5.3 IMPACT OF COVID-19 ON THE PASSENGER INFORMATION SYSTEM MARKET DYNAMICS

5.3.1 DRIVERS AND OPPORTUNITIES

5.3.2 RESTRAINTS AND CHALLENGES

5.3.3 CUMULATIVE GROWTH ANALYSIS

5.4 CASE STUDY ANALYSIS

5.4.1 USE CASE 1: CUBIC HELPS MTA STREAMLINE TRANSIT EXPERIENCE OF TRAVELLERS

5.4.2 USE CASE 2: THALES PROVIDES BANE (NOR) WITH NEXT-GENERATION

TRAFFIC MANAGEMENT SYSTEM

5.4.3 USE CASE 3: HUAWEI HELPER RULI AIRLINES IMPROVE PASSENGER EXPERIENCE WITH PRIVATE CLOUD PLATFORM

5.4.4 USE CASE 4: TELESTE PROVIDES STADLER WITH AN ON-BOARD SYSTEM FOR ITS HELSINKI SM5 TRAINS

5.5 TECHNOLOGY ANALYSIS

5.5.1 INTRODUCTION

5.5.2 ARTIFICIAL INTELLIGENCE/ MACHINE LEARNING

5.5.3 BIG DATA AND ANALYTICS

5.5.4 INTERNET OF THINGS

5.5.5 5G

5.5.6 CYBERSECURITY

5.6 ECOSYSTEM

TABLE 5 ECOSYSTEM: PASSENGER INFORMATION SYSTEM MARKET

5.7 VALUE CHAIN ANALYSIS

FIGURE 21 PASSENGER INFORMATION SYSTEM MARKET: VALUE CHAIN

5.8 PORTER'S FIVE FORCES MODEL

TABLE 6 PORTER'S FIVE FORCES ANALYSIS: PASSENGER INFORMATION SYSTEM MARKET

5.8.1 THREAT OF NEW ENTRANTS

5.8.2 THREAT OF SUBSTITUTES

5.8.3 BARGAINING POWER OF BUYERS

5.8.4 BARGAINING POWER OF SUPPLIERS

5.8.5 INTENSITY OF COMPETITIVE RIVALRY

5.9 PATENT ANALYSIS

TABLE 7 EUROPE: PATENT APPLICATIONS, BY GEOGRAPHIC ORIGIN, 2013–2019

TABLE 8 EUROPE: PATENT APPLICATIONS, BY TECHNOLOGY FIELD, 2013–2019

FIGURE 22 EUROPE: PATENT APPLICATIONS: DIGITAL TECHNOLOGY, BY APPLICANT, 2020

TABLE 9 US: NUMBER OF PATENTS GRANTED, 2014–2019

5.10 AVERAGE SELLING PRICE TREND

5.11 DISRUPTIONS IMPACTING BUYERS/CLIENTS IN THE PASSENGER INFORMATION SYSTEM MARKET

FIGURE 23 PASSENGER INFORMATION SYSTEM MARKET: DISRUPTIONS IMPACTING BUYERS/CLIENTS

5.12 REGULATORY IMPLICATIONS

5.12.1 INTERNATIONAL ORGANIZATION FOR STANDARDIZATION STANDARDS

5.12.1.1 ISO/IEC JTC 1

5.12.1.2 ISO/IEC 27001

- 5.12.1.3 ISO/IEC 19770
- 5.12.1.4 ISO/IEC JTC 1/SWG 5
- 5.12.1.5 ISO/IEC JTC 1SC 31
- 5.12.1.6 ISO/IEC JTC 1/SC 27
- 5.12.1.7 ISO/IEC JTC 1/WG 7 s e n s o r s
- 5.12.2 GENERAL DATA PROTECTION REGULATION
- 5.12.3 FEDERAL MOTOR CARRIER SAFETY ADMINISTRATION (FMCSA)
- 5.12.4 FEDERAL HIGHWAY ADMINISTRATION (FHWA)
- 5.12.5 MARITIME ADMINISTRATION (MARAD)
- 5.12.6 FEDERAL AVIATION ADMINISTRATION (FAA)
- 5.12.7 FEDERAL RAILROAD ADMINISTRATION (FRA)
- 5.12.8 INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
- 5.12.9 CEN/ISO
- 5.12.10 CEN/CENELEC
- 5.12.11 EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE
- 5.12.12 ITU-T

6 PASSENGER INFORMATION SYSTEM MARKET, BY COMPONENT

6.1 INTRODUCTION

FIGURE 24 SOLUTIONS SEGMENT IS PROJECTED TO DOMINATE THE PASSENGER INFORMATION SYSTEM MARKET DURING THE FORECAST PERIOD
TABLE 10 PASSENGER INFORMATION SYSTEM MARKET SIZE, BY COMPONENT, 2016–2021 (USD MILLION)

TABLE 11 PASSENGER INFORMATION SYSTEM MARKET SIZE, BY COMPONENT, 2022–2027 (USD MILLION)

6.2 SOLUTION

6.2.1 SOLUTION: COVID-19 IMPACT

6.2.2 SOLUTION: PASSENGER INFORMATION SYSTEM MARKET DRIVERS

TABLE 12 SOLUTIONS: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY REGION, 2016–2021 (USD MILLION)

TABLE 13 SOLUTIONS: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY REGION, 2022–2027 (USD MILLION)

6.3 SERVICE

6.3.1 SERVICE: COVID-19 IMPACT

6.3.2 SERVICE: PASSENGER INFORMATION SYSTEM MARKET DRIVER

TABLE 14 SERVICES: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY REGION, 2016–2021 (USD MILLION)

TABLE 15 SERVICES, PASSENGER INFORMATION SYSTEM MARKET SIZE, BY

REGION, 2022–2027 (USD MILLION)

7 PASSENGER INFORMATION SYSTEM MARKET, BY SOLUTIONS

7.1 INTRODUCTION

FIGURE 25 MOBILE APPLICATION SOLUTION SEGMENT TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

TABLE 16 PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SOLUTION, 2016–2021 (USD MILLION)

TABLE 17 PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SOLUTION, 2022–2027 (USD MILLION)

7.2 DISPLAY SYSTEMS

7.2.1 PROVIDE REAL-TIME AND FUTURE DETAILED AND RELATIONAL TIMETABLES

7.2.2 DISPLAY SYSTEMS: PASSENGER INFORMATION SYSTEM MARKET DRIVERS

TABLE 18 DISPLAY SYSTEMS MARKET SIZE, BY REGION, 2016–2021 (USD MILLION)

TABLE 19 DISPLAY SYSTEMS MARKET SIZE, BY REGION, 2022–2027 (USD MILLION)

7.3 ANNOUNCEMENT SYSTEMS

7.3.1 USED TO ISSUE PRE-RECORDED AUDIO MESSAGES OR LIVE ANNOUNCEMENTS

7.3.2 ANNOUNCEMENT SYSTEMS: PASSENGER INFORMATION SYSTEM MARKET DRIVERS

TABLE 20 ANNOUNCEMENT SYSTEMS MARKET SIZE, BY REGION, 2016–2021 (USD MILLION)

TABLE 21 ANNOUNCEMENT SYSTEMS MARKET SIZE, BY REGION, 2022–2027 (USD MILLION)

7.4 EMERGENCY COMMUNICATION SYSTEMS

7.4.1 PROVIDE SAFETY WARNINGS AND ASSIST DURING EMERGENCIES

7.4.2 EMERGENCY COMMUNICATION SYSTEMS: PASSENGER INFORMATION SYSTEM MARKET DRIVERS

TABLE 22 EMERGENCY COMMUNICATION SYSTEMS MARKET SIZE, BY REGION, 2016–2021 (USD MILLION)

TABLE 23 EMERGENCY COMMUNICATION SYSTEMS MARKET SIZE, BY REGION, 2022–2027 (USD MILLION)

7.5 MOBILE APPLICATIONS

7.5.1 PROVIDE REAL-TIME TRANSIT INFORMATION

7.5.2 MOBILE APPLICATIONS: PASSENGER INFORMATION SYSTEM MARKET DRIVERS

TABLE 24 MOBILE APPLICATIONS MARKET SIZE, BY REGION, 2016–2021 (USD MILLION)

TABLE 25 MOBILE APPLICATIONS MARKET SIZE, BY REGION, 2022–2027 (USD MILLION)

7.6 INFOTAINMENT SYSTEMS

7.6.1 ENHANCE TRAVEL EXPERIENCE OF PASSENGERS

7.6.2 INFOTAINMENT SYSTEMS: PASSENGER INFORMATION SYSTEM MARKET DRIVERS

TABLE 26 INFOTAINMENT SYSTEMS MARKET SIZE, BY REGION, 2016–2021 (USD MILLION)

TABLE 27 INFOTAINMENT SYSTEMS MARKET SIZE, BY REGION, 2022–2027 (USD MILLION)

7.7 OTHER SOLUTIONS

TABLE 28 OTHER SOLUTIONS MARKET SIZE, BY REGION, 2016–2021 (USD MILLION)

TABLE 29 OTHER SOLUTIONS MARKET SIZE, BY REGION, 2022–2027 (USD MILLION)

8 PASSENGER INFORMATION SYSTEM MARKET, BY SERVICE

8.1 INTRODUCTION

FIGURE 26 DEPLOYMENT AND INTEGRATION TO GROW AT HIGHEST CAGR DURING THE FORECAST PERIOD

TABLE 30 PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SERVICE, 2016–2021 (USD MILLION)

TABLE 31 PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SERVICE, 2022–2027 (USD MILLION)

8.2 CONSULTING

8.2.1 SUGGEST, ANALYZE, AND GUIDE CUSTOMERS

8.2.2 CONSULTING: PASSENGER INFORMATION SYSTEM MARKET DRIVERS

TABLE 32 CONSULTING MARKET SIZE, BY REGION, 2016–2021 (USD MILLION)

TABLE 33 CONSULTING MARKET SIZE, BY REGION, 2022–2027 (USD MILLION)

8.3 DEPLOYMENT AND INTEGRATION

8.3.1 HELPS FROM COLLECTING PASSENGER REQUIREMENTS TO ROLLING OUT SOLUTIONS

8.3.2 DEPLOYMENT AND INTEGRATION: PASSENGER INFORMATION SYSTEM MARKET DRIVERS

TABLE 34 DEPLOYMENT AND INTEGRATION MARKET SIZE, BY REGION,
2016–2021 (USD MILLION)

TABLE 35 DEPLOYMENT AND INTEGRATION MARKET SIZE, BY REGION,
2022–2027 (USD MILLION)

8.4 SUPPORT AND MAINTENANCE

8.4.1 PROVIDES UPGRADES FOR DEPLOYED PIS SOLUTIONS AND RESOLVES
ISSUES IN PRODUCTS

8.4.2 SUPPORT AND MAINTENANCE: PASSENGER INFORMATION SYSTEM
MARKET DRIVERS

TABLE 36 SUPPORT AND MAINTENANCE MARKET SIZE, BY REGION, 2016–2021
(USD MILLION)

TABLE 37 SUPPORT AND MAINTENANCE MARKET SIZE, BY REGION, 2022–2027
(USD MILLION)

9 PASSENGER INFORMATION SYSTEM MARKET, BY LOCATION

9.1 INTRODUCTION

9.1.1 LOCATION: COVID-19 IMPACT

FIGURE 27 IN-STATION SEGMENT TO GROW AT A HIGHER CAGR DURING THE
FORECAST PERIOD

TABLE 38 PASSENGER INFORMATION SYSTEM MARKET SIZE, BY LOCATION,
2016–2021 (USD MILLION)

TABLE 39 PASSENGER INFORMATION SYSTEM MARKET SIZE, BY LOCATION,
2022–2027 (USD MILLION)

9.2 ON-BOARD

9.2.1 PROVIDES PRECISE ARRIVAL AND DEPARTURE INFORMATION

9.2.2 ON-BOARD: PASSENGER INFORMATION SYSTEM MARKET DRIVERS

TABLE 40 ON-BOARD PASSENGER INFORMATION SYSTEM MARKET SIZE, BY
REGION, 2016–2021 (USD MILLION)

TABLE 41 ON-BOARD PASSENGER INFORMATION SYSTEM MARKET SIZE, BY
REGION, 2022–2027 (USD MILLION)

9.3 IN-STATION

9.3.1 AUDIO AND VISUAL INFORMATION THROUGH MULTIPLE DISPLAYS
ACROSS STATIONS AND AIRPORTS

9.3.2 IN-STATION: PASSENGER INFORMATION SYSTEM MARKET DRIVERS

TABLE 42 PASSENGER INFORMATION SYSTEM MARKET SIZE FOR IN-STATION,
BY REGION, 2016–2021 (USD MILLION)

TABLE 43 PASSENGER INFORMATION SYSTEM MARKET SIZE FOR IN-STATION,
BY REGION, 2022–2027 (USD MILLION)

10 PASSENGER INFORMATION SYSTEM MARKET, BY TRANSPORTATION MODE

10.1 INTRODUCTION

10.1.1 TRANSPORTATION MODE

10.1.2 TRANSPORTATION MODE: PASSENGER INFORMATION SYSTEM

MARKET DRIVERS

FIGURE 28 ROADWAYS SEGMENT TO GROW AT HIGHEST CAGR DURING THE FORECAST PERIOD

TABLE 44 PASSENGER INFORMATION SYSTEM MARKET SIZE, BY TRANSPORTATION MODE, 2016–2021 (USD MILLION)

TABLE 45 PASSENGER INFORMATION SYSTEM MARKET SIZE, BY TRANSPORTATION MODE, 2022–2027 (USD MILLION)

10.1.3 TRANSPORTATION MODE: COVID-19 IMPACT

10.2 RAILWAYS

10.2.1 ENHANCED PIS SOLUTIONS EMPOWERED BY MOBILITY AND BIG DATA ANALYTICS

TABLE 46 RAILWAY INFRASTRUCTURE INVESTMENT, BY COUNTRY, 2018

TABLE 47 PASSENGER INFORMATION SYSTEM MARKET SIZE IN RAILWAYS, BY REGION, 2016–2021 (USD MILLION)

TABLE 48 PASSENGER INFORMATION SYSTEM MARKET SIZE IN RAILWAYS, BY REGION, 2022–2027 (USD MILLION)

TABLE 49 PASSENGER INFORMATION SYSTEM MARKET SIZE, BY RAILWAYS, 2016–2021 (USD MILLION)

TABLE 50 PASSENGER INFORMATION SYSTEM MARKET SIZE, BY RAILWAYS, 2022–2027 (USD MILLION)

10.2.2 TRAINS

10.2.2.1 Use of PIS solutions and services in trains to benefit both rail operators and passengers

10.2.2.2 Trains: Passenger information system market drivers

TABLE 51 PASSENGER INFORMATION SYSTEM MARKET SIZE IN TRAINS, BY REGION, 2016–2021 (USD MILLION)

TABLE 52 PASSENGER INFORMATION SYSTEM MARKET SIZE IN TRAINS, BY REGION, 2022–2027 (USD MILLION)

10.2.3 TRAMS

10.2.3.1 Need to offer information to passengers traveling via trams

10.2.3.2 Trams: Passenger information system market drivers

TABLE 53 PASSENGER INFORMATION SYSTEM MARKET SIZE IN TRAMS, BY REGION, 2016–2021 (USD MILLION)

TABLE 54 PASSENGER INFORMATION SYSTEM MARKET SIZE IN TRAMS, BY REGION, 2022–2027 (USD MILLION)

10.3 ROADWAYS

10.3.1 INCREASING ADOPTION OF PIS SOLUTIONS IN BUSES

10.3.2 ROADWAYS: PASSENGER INFORMATION SYSTEM MARKET DRIVERS

TABLE 55 PASSENGER INFORMATION SYSTEM MARKET SIZE IN ROADWAYS, BY REGION, 2016–2021 (USD MILLION)

TABLE 56 PASSENGER INFORMATION SYSTEM MARKET SIZE IN ROADWAYS, BY REGION, 2022–2027 (USD MILLION)

10.4 AIRWAYS AND WATERWAYS

10.4.1 SURGE IN THE IMPLEMENTATION OF PIS SOLUTIONS VIA UNIFIED INFORMATION PLATFORM

10.4.2 AIRWAYS AND WATERWAYS: PASSENGER INFORMATION SYSTEM MARKET DRIVERS

TABLE 57 PASSENGER INFORMATION SYSTEM MARKET SIZE IN AIRWAYS AND WATERWAYS, BY REGION, 2016–2021 (USD MILLION)

TABLE 58 PASSENGER INFORMATION SYSTEM MARKET SIZE IN AIRWAYS AND WATERWAYS, BY REGION, 2022–2027 (USD MILLION)

11 PASSENGER INFORMATION SYSTEM MARKET, BY FUNCTIONAL MODEL

11.1 INTRODUCTION

11.2 MULTIMEDIA DISPLAYS

11.3 AUDIO SYSTEMS

11.4 COMPUTING SYSTEMS

11.5 NETWORKING AND COMMUNICATION DEVICES

11.6 VIDEO SURVEILLANCE

11.7 CONTENT MANAGEMENT SYSTEM

11.8 OTHER FUNCTIONAL MODELS

12 PASSENGER INFORMATION SYSTEM MARKET, BY REGION

12.1 INTRODUCTION

FIGURE 29 NORTH AMERICA TO DOMINATE PASSENGER INFORMATION SYSTEM MARKET DURING FORECAST PERIOD

TABLE 59 PASSENGER INFORMATION SYSTEM MARKET SIZE, BY REGION, 2016–2021 (USD MILLION)

TABLE 60 PASSENGER INFORMATION SYSTEM MARKET SIZE, BY REGION, 2022–2027 (USD MILLION)

12.2 NORTH AMERICA

12.2.1 NORTH AMERICA: PASSENGER INFORMATION SYSTEM MARKET REGULATORY IMPLICATIONS

12.2.2 NORTH AMERICA: PASSENGER INFORMATION SYSTEM MARKET DRIVERS

12.2.3 NORTH AMERICA: COVID-19 IMPACT

FIGURE 30 NORTH AMERICA: PASSENGER INFORMATION SYSTEM MARKET SNAPSHOT

TABLE 61 NORTH AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY COMPONENT, 2016–2021 (USD MILLION)

TABLE 62 NORTH AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY COMPONENT, 2022–2027 (USD MILLION)

TABLE 63 NORTH AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY SOLUTIONS, 2016–2021 (USD MILLION)

TABLE 64 NORTH AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY SOLUTION, 2022–2027 (USD MILLION)

TABLE 65 NORTH AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY SERVICE, 2016–2021 (USD MILLION)

TABLE 66 NORTH AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY SERVICE, 2022–2027 (USD MILLION)

TABLE 67 NORTH AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY LOCATION, 2016–2021 (USD MILLION)

TABLE 68 NORTH AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY LOCATION, 2022–2027 (USD MILLION)

TABLE 69 NORTH AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY TRANSPORTATION MODE, 2016–2021 (USD MILLION)

TABLE 70 NORTH AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY TRANSPORTATION MODE, 2022–2027 (USD MILLION)

TABLE 71 NORTH AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY RAILWAYS, 2016–2021 (USD MILLION)

TABLE 72 NORTH AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY RAILWAYS, 2022–2027 (USD MILLION)

TABLE 73 NORTH AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY COUNTRY, 2016–2021 (USD MILLION)

TABLE 74 NORTH AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY COUNTRY, 2022–2027 (USD MILLION)

12.2.4 US

12.2.4.1 Increasing investments in traffic management solutions to raise the demand
for PIS solutions

12.2.4.2 US: Passenger information system market drivers

TABLE 75 US: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY COMPONENT, 2016–2021 (USD MILLION)

TABLE 76 US: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY COMPONENT, 2022–2027 (USD MILLION)

TABLE 77 US: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SOLUTION, 2016–2021 (USD MILLION)

TABLE 78 US: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SOLUTION, 2022–2027 (USD MILLION)

TABLE 79 US: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SERVICE, 2016–2021 (USD MILLION)

TABLE 80 US: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SERVICE, 2022–2027 (USD MILLION)

TABLE 81 US: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY LOCATION, 2016–2021 (USD MILLION)

TABLE 82 US: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY LOCATION, 2022–2027 (USD MILLION)

TABLE 83 US: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY TRANSPORTATION MODE, 2016–2021 (USD MILLION)

TABLE 84 US: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY TRANSPORTATION MODE, 2022–2027 (USD MILLION)

TABLE 85 US: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY RAILWAYS, 2016–2021 (USD MILLION)

TABLE 86 US: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY RAILWAYS, 2022–2027 (USD MILLION)

12.2.5 CANADA

12.2.5.1 Rise in the number of railway passengers and freight shipments

12.2.5.2 Canada: Passenger information system market drivers

TABLE 87 CANADA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY COMPONENT, 2016–2021 (USD MILLION)

TABLE 88 CANADA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY COMPONENT, 2022–2027 (USD MILLION)

TABLE 89 CANADA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SOLUTION, 2016–2021 (USD MILLION)

TABLE 90 CANADA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SOLUTION, 2022–2027 (USD MILLION)

TABLE 91 CANADA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SERVICE, 2016–2021 (USD MILLION)

TABLE 92 CANADA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY

SERVICE, 2022–2027 (USD MILLION)

TABLE 93 CANADA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY LOCATION, 2016–2021 (USD MILLION)

TABLE 94 CANADA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY LOCATION, 2022–2027 (USD MILLION)

TABLE 95 CANADA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY TRANSPORTATION MODE, 2016–2021 (USD MILLION)

TABLE 96 CANADA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY TRANSPORTATION MODE, 2022–2027 (USD MILLION)

TABLE 97 CANADA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY RAILWAYS, 2016–2021 (USD MILLION)

TABLE 98 CANADA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY RAILWAYS, 2022–2027 (USD MILLION)

12.3 EUROPE

12.3.1 EUROPE: PASSENGER INFORMATION SYSTEM MARKET REGULATORY IMPLICATIONS

12.3.2 EUROPE: PASSENGER INFORMATION SYSTEM MARKET DRIVERS

12.3.3 EUROPE: COVID-19 IMPACT

TABLE 99 EUROPE: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY COMPONENT, 2016–2021 (USD MILLION)

TABLE 100 EUROPE: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY COMPONENT, 2022–2027 (USD MILLION)

TABLE 101 EUROPE: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SOLUTION, 2016–2021 (USD MILLION)

TABLE 102 EUROPE: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SOLUTION, 2022–2027 (USD MILLION)

TABLE 103 EUROPE: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SERVICE, 2016–2021 (USD MILLION)

TABLE 104 EUROPE: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SERVICE, 2022–2027 (USD MILLION)

TABLE 105 EUROPE: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY LOCATION, 2016–2021 (USD MILLION)

TABLE 106 EUROPE: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY LOCATION, 2022–2027 (USD MILLION)

TABLE 107 EUROPE: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY TRANSPORTATION MODE, 2016–2021 (USD MILLION)

TABLE 108 EUROPE: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY TRANSPORTATION MODE, 2022–2027 (USD MILLION)

TABLE 109 EUROPE: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY

RAILWAYS, 2016–2021 (USD MILLION)

TABLE 110 EUROPE: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY
RAILWAYS, 2022–2027 (USD MILLION)

TABLE 111 EUROPE: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY
COUNTRY, 2016–2021 (USD MILLION)

TABLE 112 EUROPE: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY
COUNTRY, 2022–2027 (USD MILLION)

12.3.4 UK

12.3.4.1 Government investments in building smart transportation systems to drive
the market growth in the UK

12.3.4.2 UK: Passenger information system market drivers

TABLE 113 UK: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY
COMPONENT, 2016–2021 (USD MILLION)

TABLE 114 UK: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY
COMPONENT, 2022–2027 (USD MILLION)

TABLE 115 UK: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY
SOLUTION, 2016–2021 (USD MILLION)

TABLE 116 UK: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY
SOLUTION, 2022–2027 (USD MILLION)

TABLE 117 UK: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY
SERVICE, 2016–2021 (USD MILLION)

TABLE 118 UK: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY
SERVICE, 2022–2027 (USD MILLION)

TABLE 119 UK: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY
LOCATION, 2016–2021 (USD MILLION)

TABLE 120 UK: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY
LOCATION, 2022–2027 (USD MILLION)

TABLE 121 UK: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY
TRANSPORTATION MODE, 2016–2021 (USD MILLION)

TABLE 122 UK: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY
TRANSPORTATION MODE, 2022–2027 (USD MILLION)

TABLE 123 UK: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY
RAILWAYS, 2016–2021 (USD MILLION)

TABLE 124 UK: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY
RAILWAYS, 2022–2027 (USD MILLION)

12.3.5 GERMANY

12.3.5.1 Government's funding for transport and broadband infrastructure to drive
the PIS market

12.3.5.2 Germany: Passenger information system market drivers

12.3.6 FRANCE

12.3.6.1 Rapid technological advancements in the transport industry to lead the PIS market

12.3.6.2 France: Passenger information system market drivers

12.3.7 REST OF EUROPE

12.4 ASIA PACIFIC

12.4.1 ASIA PACIFIC: PASSENGER INFORMATION SYSTEM MARKET
REGULATORY IMPLICATIONS

12.4.2 ASIA PACIFIC: PASSENGER INFORMATION SYSTEM MARKET DRIVERS

12.4.3 ASIA PACIFIC: COVID-19 IMPACT

FIGURE 31 ASIA PACIFIC: PASSENGER INFORMATION SYSTEM MARKET
SNAPSHOT

TABLE 125 ASIA PACIFIC: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY COMPONENT, 2016–2021 (USD MILLION)

TABLE 126 ASIA PACIFIC: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY COMPONENT, 2022–2027 (USD MILLION)

TABLE 127 ASIA PACIFIC: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY SOLUTION, 2016–2021 (USD MILLION)

TABLE 128 ASIA PACIFIC: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY SOLUTION, 2022–2027 (USD MILLION)

TABLE 129 ASIA PACIFIC: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY SERVICE, 2016–2021 (USD MILLION)

TABLE 130 ASIA PACIFIC: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY SERVICE, 2022–2027 (USD MILLION)

TABLE 131 ASIA PACIFIC: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY LOCATION, 2016–2021 (USD MILLION)

TABLE 132 ASIA PACIFIC: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY LOCATION, 2022–2027 (USD MILLION)

TABLE 133 ASIA PACIFIC: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY TRANSPORTATION MODE, 2016–2021 (USD MILLION)

TABLE 134 ASIA PACIFIC: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY TRANSPORTATION MODE, 2022–2027 (USD MILLION)

TABLE 135 ASIA PACIFIC: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY RAILWAYS, 2016–2021 (USD MILLION)

TABLE 136 ASIA PACIFIC: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY RAILWAYS, 2022–2027 (USD MILLION)

TABLE 137 ASIA PACIFIC: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY COUNTRY, 2016–2021 (USD MILLION)

TABLE 138 ASIA PACIFIC: PASSENGER INFORMATION SYSTEM MARKET SIZE,

BY COUNTRY, 2022–2027 (USD MILLION)**12.4.4 CHINA**

12.4.4.1 Increase in the number of transport projects in China leading to growth opportunities

12.4.4.2 China: Passenger information system market drivers

TABLE 139 CHINA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY COMPONENT, 2016–2021 (USD MILLION)

TABLE 140 CHINA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY COMPONENT, 2022–2027 (USD MILLION)

TABLE 141 CHINA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SOLUTION, 2016–2021 (USD MILLION)

TABLE 142 CHINA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SOLUTION, 2022–2027 (USD MILLION)

TABLE 143 CHINA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SERVICE, 2016–2021 (USD MILLION)

TABLE 144 CHINA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SERVICE, 2022–2027 (USD MILLION)

TABLE 145 CHINA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY LOCATION, 2016–2021 (USD MILLION)

TABLE 146 CHINA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY LOCATION, 2022–2027 (USD MILLION)

TABLE 147 CHINA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY TRANSPORTATION MODE, 2016–2021 (USD MILLION)

TABLE 148 CHINA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY TRANSPORTATION MODE, 2022–2027 (USD MILLION)

TABLE 149 CHINA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY RAILWAYS, 2016–2021 (USD MILLION)

TABLE 150 CHINA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY RAILWAYS, 2022–2027 (USD MILLION)

12.4.5 INDIA

12.4.5.1 Government's initiative for digitization and demand for safe, reliable, timely transit services to drive the PIS market

12.4.5.2 India: Passenger information system market drivers

TABLE 151 INDIA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY COMPONENT, 2016–2021 (USD MILLION)

TABLE 152 INDIA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY COMPONENT, 2022–2027 (USD MILLION)

TABLE 153 INDIA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SOLUTION, 2016–2021 (USD MILLION)

TABLE 154 INDIA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SOLUTION, 2022–2027 (USD MILLION)

TABLE 155 INDIA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SERVICE, 2016–2021 (USD MILLION)

TABLE 156 INDIA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SERVICE, 2022–2027 (USD MILLION)

TABLE 157 INDIA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY LOCATION, 2016–2021 (USD MILLION)

TABLE 158 INDIA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY LOCATION, 2022–2027 (USD MILLION)

TABLE 159 INDIA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY TRANSPORTATION MODE, 2016–2021 (USD MILLION)

TABLE 160 INDIA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY TRANSPORTATION MODE, 2022–2027 (USD MILLION)

TABLE 161 INDIA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY RAILWAYS, 2016–2021 (USD MILLION)

TABLE 162 INDIA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY RAILWAYS, 2022–2027 (USD MILLION)

12.4.6 REST OF ASIA PACIFIC

12.5 MIDDLE EAST AND AFRICA

12.5.1 MIDDLE EAST AND AFRICA: PASSENGER INFORMATION SYSTEM MARKET REGULATORY IMPLICATIONS

12.5.2 MIDDLE EAST AND AFRICA: PASSENGER INFORMATION SYSTEM MARKET DRIVERS

12.5.3 MIDDLE EAST AND AFRICA: COVID-19 IMPACT

TABLE 163 MIDDLE EAST AND AFRICA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY COMPONENT, 2016–2021 (USD MILLION)

TABLE 164 MIDDLE EAST AND AFRICA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY COMPONENT, 2022–2027 (USD MILLION)

TABLE 165 MIDDLE EAST AND AFRICA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SOLUTIONS, 2016–2021 (USD MILLION)

TABLE 166 MIDDLE EAST AND AFRICA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SOLUTIONS, 2022–2027 (USD MILLION)

TABLE 167 MIDDLE EAST AND AFRICA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SERVICES, 2016–2021 (USD MILLION)

TABLE 168 MIDDLE EAST AND AFRICA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SERVICES, 2022–2027 (USD MILLION)

TABLE 169 MIDDLE EAST AND AFRICA: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY LOCATION, 2016–2021 (USD MILLION)

TABLE 170 MIDDLE EAST AND AFRICA: PASSENGER INFORMATION SYSTEM
MARKET SIZE, BY LOCATION, 2022–2027 (USD MILLION)

TABLE 171 MIDDLE EAST AND AFRICA: PASSENGER INFORMATION SYSTEM
MARKET SIZE, BY TRANSPORTATION MODE, 2016–2021 (USD MILLION)

TABLE 172 MIDDLE EAST AND AFRICA: PASSENGER INFORMATION SYSTEM
MARKET SIZE, BY TRANSPORTATION MODE, 2022–2027 (USD MILLION)

TABLE 173 MIDDLE EAST AND AFRICA: PASSENGER INFORMATION SYSTEM
MARKET SIZE, BY RAILWAYS, 2016–2021 (USD MILLION)

TABLE 174 MIDDLE EAST AND AFRICA: PASSENGER INFORMATION SYSTEM
MARKET SIZE, BY RAILWAYS, 2022–2027 (USD MILLION)

TABLE 175 MIDDLE EAST AND AFRICA: PASSENGER INFORMATION SYSTEM
MARKET SIZE, BY COUNTRY, 2016–2021 (USD MILLION)

TABLE 176 MIDDLE EAST AND AFRICA: PASSENGER INFORMATION SYSTEM
MARKET SIZE, BY COUNTRY, 2022–2027 (USD MILLION)

12.5.4 UNITED ARAB EMIRATES

12.5.4.1 Increase in the number of logistics and transport companies to boost the PIS
market

12.5.4.2 United Arab Emirates: Passenger information system market drivers

TABLE 177 UNITED ARAB EMIRATES: PASSENGER INFORMATION SYSTEM
MARKET SIZE, BY COMPONENT, 2016–2021 (USD MILLION)

TABLE 178 UNITED ARAB EMIRATES: PASSENGER INFORMATION SYSTEM
MARKET SIZE, BY COMPONENT, 2022–2027 (USD MILLION)

TABLE 179 UNITED ARAB EMIRATES: PASSENGER INFORMATION SYSTEM
MARKET SIZE, BY SOLUTIONS, 2016–2021 (USD MILLION)

TABLE 180 UNITED ARAB EMIRATES: PASSENGER INFORMATION SYSTEM
MARKET SIZE, BY SOLUTIONS, 2022–2027 (USD MILLION)

TABLE 181 UNITED ARAB EMIRATES: PASSENGER INFORMATION SYSTEM
MARKET SIZE, BY SERVICES, 2016–2021 (USD MILLION)

TABLE 182 UNITED ARAB EMIRATES: PASSENGER INFORMATION SYSTEM
MARKET SIZE, BY SERVICES, 2022–2027 (USD MILLION)

TABLE 183 UNITED ARAB EMIRATES: PASSENGER INFORMATION SYSTEM
MARKET SIZE, BY LOCATION, 2016–2021 (USD MILLION)

TABLE 184 UNITED ARAB EMIRATES: PASSENGER INFORMATION SYSTEM
MARKET SIZE, BY LOCATION, 2022–2027 (USD MILLION)

TABLE 185 UNITED ARAB EMIRATES: PASSENGER INFORMATION SYSTEM
MARKET SIZE, BY TRANSPORTATION MODE, 2016–2021 (USD MILLION)

TABLE 186 UNITED ARAB EMIRATES: PASSENGER INFORMATION SYSTEM
MARKET SIZE, BY TRANSPORTATION MODE, 2022–2027 (USD MILLION)

TABLE 187 UNITED ARAB EMIRATES: PASSENGER INFORMATION SYSTEM

MARKET SIZE, BY RAILWAYS, 2016–2021 (USD MILLION)

TABLE 188 UNITED ARAB EMIRATES: PASSENGER INFORMATION SYSTEM

MARKET SIZE, BY RAILWAYS, 2022–2027 (USD MILLION)

12.5.5 SOUTH AFRICA

12.5.5.1 Adoption of IoT and cloud technologies to lead the PIS market growth

12.5.5.2 South Africa: Passenger information system market drivers

12.5.6 REST OF MIDDLE EAST AND AFRICA

12.6 LATIN AMERICA

12.6.1 LATIN AMERICA: PASSENGER INFORMATION SYSTEM MARKET

REGULATORY IMPLICATIONS

12.6.2 LATIN AMERICA: PASSENGER INFORMATION SYSTEM MARKET DRIVERS

12.6.3 LATIN AMERICA: COVID-19 IMPACT

TABLE 189 LATIN AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY COMPONENT, 2016–2021 (USD MILLION)

TABLE 190 LATIN AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY COMPONENT, 2022–2027 (USD MILLION)

TABLE 191 LATIN AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY SOLUTION, 2016–2021 (USD MILLION)

TABLE 192 LATIN AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY SOLUTION, 2022–2027 (USD MILLION)

TABLE 193 LATIN AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY SERVICE, 2016–2021 (USD MILLION)

TABLE 194 LATIN AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY SERVICE, 2022–2027 (USD MILLION)

TABLE 195 LATIN AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY LOCATION, 2016–2021 (USD MILLION)

TABLE 196 LATIN AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY LOCATION, 2022–2027 (USD MILLION)

TABLE 197 LATIN AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY TRANSPORTATION MODE, 2016–2021 (USD MILLION)

TABLE 198 LATIN AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY TRANSPORTATION MODE, 2022–2027 (USD MILLION)

TABLE 199 LATIN AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY RAILWAYS, 2016–2021 (USD MILLION)

TABLE 200 LATIN AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY RAILWAYS, 2022–2027 (USD MILLION)

TABLE 201 LATIN AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,
BY COUNTRY, 2016–2021 (USD MILLION)

TABLE 202 LATIN AMERICA: PASSENGER INFORMATION SYSTEM MARKET SIZE,

BY COUNTRY, 2022–2027 (USD MILLION)

12.6.4 BRAZIL

12.6.4.1 Advancements in transportation infrastructure supporting PIS market growth in Brazil

12.6.4.2 Brazil: Passenger information system market drivers

TABLE 203 BRAZIL: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY COMPONENT, 2016–2021 (USD MILLION)

TABLE 204 BRAZIL: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY COMPONENT, 2022–2027 (USD MILLION)

TABLE 205 BRAZIL: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SOLUTION, 2016–2021 (USD MILLION)

TABLE 206 BRAZIL: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SOLUTION, 2022–2027 (USD MILLION)

TABLE 207 BRAZIL: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SERVICE, 2016–2021 (USD MILLION)

TABLE 208 BRAZIL: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY SERVICE, 2022–2027 (USD MILLION)

TABLE 209 BRAZIL: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY LOCATION, 2016–2021 (USD MILLION)

TABLE 210 BRAZIL: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY LOCATION, 2022–2027 (USD MILLION)

TABLE 211 BRAZIL: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY TRANSPORTATION MODE, 2016–2021 (USD MILLION)

TABLE 212 BRAZIL: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY TRANSPORTATION MODE, 2022–2027 (USD MILLION)

TABLE 213 BRAZIL: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY RAILWAYS, 2016–2021 (USD MILLION)

TABLE 214 BRAZIL: PASSENGER INFORMATION SYSTEM MARKET SIZE, BY RAILWAYS, 2022–2027 (USD MILLION)

12.6.5 MEXICO

12.6.5.1 Rise in traffic congestion, RoI, and automation of public transportation processes to drive the PIS market

12.6.5.2 Mexico: Passenger information system market drivers

12.6.6 REST OF LATIN AMERICA

13 COMPETITIVE LANDSCAPE

13.1 OVERVIEW

13.2 MARKET EVALUATION FRAMEWORK

FIGURE 32 PASSENGER INFORMATION SYSTEM MARKET EVALUATION FRAMEWORK

13.3 MARKET RANKING

FIGURE 33 MARKET RANKING IN 2021

13.4 MARKET SHARE ANALYSIS

TABLE 215 PASSENGER INFORMATION SYSTEM MARKET: DEGREE OF COMPETITION

FIGURE 34 MARKET SHARE ANALYSIS OF COMPANIES IN THE PASSENGER INFORMATION SYSTEM MARKET

13.5 HISTORICAL REVENUE ANALYSIS

FIGURE 35 HISTORICAL THREE-YEAR REVENUE ANALYSIS OF LEADING PLAYERS, 2019–2021 (USD MILLION)

13.6 COMPETITIVE OVERVIEW

FIGURE 36 KEY STRATEGIES IN THE PASSENGER INFORMATION SYSTEM MARKET FOR 2019–2022

13.7 COMPANY PRODUCT FOOTPRINT ANALYSIS

TABLE 216 COMPANY PRODUCT FOOTPRINT

TABLE 217 COMPANY TRANSPORTATION MODE FOOTPRINT

TABLE 218 COMPANY REGION FOOTPRINT

TABLE 219 COMPANY SOLUTION FOOTPRINT

13.8 COMPANY EVALUATION MATRIX

13.8.1 STARS

13.8.2 EMERGING LEADERS

13.8.3 PERVASIVE PLAYERS

13.8.4 PARTICIPANTS

FIGURE 37 GLOBAL PASSENGER INFORMATION SYSTEM MARKET, COMPANY EVALUATION MATRIX

13.9 STARTUP/SME EVALUATION MATRIX, 2021

13.9.1 PROGRESSIVE COMPANIES

13.9.2 RESPONSIVE COMPANIES

13.9.3 DYNAMIC COMPANIES

13.9.4 STARTING BLOCKS

FIGURE 38 GLOBAL PASSENGER INFORMATION SYSTEM MARKET: STARTUP/SME EVALUATION MATRIX, 2021

13.10 COMPETITIVE SCENARIO

13.10.1 PRODUCT LAUNCHES

TABLE 220 PASSENGER INFORMATION SYSTEM MARKET: NEW PRODUCT LAUNCHES, 2019-2021

13.10.2 DEALS

TABLE 221 PASSENGER INFORMATION SYSTEM MARKET: DEALS, 2019-2022

13.10.3 OTHERS

TABLE 222 OTHERS, 2019–2022

14 COMPANY PROFILES

14.1 MAJOR PLAYERS

(Business Overview, Solutions, Products & Services, Recent Developments, MnM View)*

14.1.1 ADVANTECH

TABLE 223 ADVANTECH: BUSINESS OVERVIEW

FIGURE 39 ADVANTECH: COMPANY SNAPSHOT

TABLE 224 ADVANTECH: SOLUTIONS OFFERED

TABLE 225 ADVANTECH: DEALS

TABLE 226 ADVANTECH: OTHERS

14.1.2 ALSTOM

TABLE 227 ALSTOM: BUSINESS OVERVIEW

FIGURE 40 ALSTOM: COMPANY SNAPSHOT

TABLE 228 ALSTOM: SOLUTIONS OFFERED

TABLE 229 ALSTOM: DEALS

14.1.3 WABTEC

TABLE 230 WABTEC: BUSINESS OVERVIEW

FIGURE 41 WABTEC: COMPANY SNAPSHOT

TABLE 231 WABTEC: SOLUTIONS OFFERED

TABLE 232 WABTEC: PRODUCT LAUNCHES

TABLE 233 WABTEC: DEALS

14.1.4 CUBIC

TABLE 234 CUBIC: BUSINESS OVERVIEW

FIGURE 42 CUBIC: COMPANY SNAPSHOT

TABLE 235 CUBIC: SOLUTIONS OFFERED

TABLE 236 CUBIC: PRODUCT LAUNCHES

TABLE 237 CUBIC: DEALS

TABLE 238 CUBIC: OTHERS

14.1.5 CISCO

TABLE 239 CISCO: BUSINESS OVERVIEW

FIGURE 43 CISCO: COMPANY SNAPSHOT

TABLE 240 CISCO: SOLUTIONS OFFERED

TABLE 241 CISCO: DEALS

14.1.6 SIEMENS

TABLE 242 SIEMENS: BUSINESS OVERVIEW

FIGURE 44 SIEMENS: COMPANY SNAPSHOT

TABLE 243 SIEMENS: SOLUTIONS/SERVICES OFFERED

TABLE 244 SIEMENS: PRODUCT LAUNCHES

TABLE 245 SIEMENS: DEALS

14.1.7 HITACHI

TABLE 246 HITACHI: BUSINESS OVERVIEW

FIGURE 45 HITACHI: COMPANY SNAPSHOT

TABLE 247 HITACHI: SOLUTIONS OFFERED

TABLE 248 HITACHI: PRODUCT LAUNCHES

TABLE 249 HITACHI: DEALS

14.1.8 HUAWEI

TABLE 250 HUAWEI: BUSINESS OVERVIEW

FIGURE 46 HUAWEI: COMPANY SNAPSHOT

TABLE 251 HUAWEI: SOLUTIONS OFFERED

TABLE 252 HUAWEI: LAUNCHES

TABLE 253 HUAWEI: DEALS

14.1.9 THALES

TABLE 254 THALES: BUSINESS OVERVIEW

FIGURE 47 THALES: COMPANY SNAPSHOT

TABLE 255 THALES: SOLUTIONS/SERVICES OFFERED

TABLE 256 THALES: PRODUCT LAUNCHES

TABLE 257 THALES: DEALS

14.1.10 MITSUBISHI ELECTRIC

TABLE 258 MITSUBISHI ELECTRIC: BUSINESS OVERVIEW

FIGURE 48 MITSUBISHI ELECTRIC: COMPANY SNAPSHOT

TABLE 259 MITSUBISHI ELECTRIC: SOLUTIONS OFFERED

TABLE 260 MITSUBISHI ELECTRIC: DEALS

14.1.11 TELEVIC

TABLE 261 TELEVIC: BUSINESS OVERVIEW

TABLE 262 TELEVIC: SOLUTIONS OFFERED

TABLE 263 TELEVIC: DEALS

TABLE 264 TELEVIC: OTHERS

14.1.12 ST ENGINEERING

14.1.13 INDRA

14.1.14 MEDHA SERVO DRIVES

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

14.2 STARTUP/SMES

- 14.2.1 EFFTRONICS
- 14.2.2 DYSTEN
- 14.2.3 LUNETTA
- 14.2.4 R2P
- 14.2.5 ICON MULTIMEDIA
- 14.2.6 PASSIO TECHNOLOGIES
- 14.2.7 TELESTE
- 14.2.8 LANCOM
- 14.2.9 SIMPLEWAY
- 14.2.10 EKE-ELECTRONICS
- 14.2.11 QUESTER TANGENT
- 14.2.12 LOT GROUP

15 ADJACENT/RELATED MARKETS

15.1 FLEET MANAGEMENT MARKET

15.1.1 MARKET OVERVIEW

15.1.2 FLEET MANAGEMENT MARKET, BY COMPONENT

TABLE 265 FLEET MANAGEMENT MARKET SIZE, BY COMPONENT, 2016–2020
(USD MILLION)

TABLE 266 FLEET MANAGEMENT MARKET SIZE, BY COMPONENT, 2021–2026
(USD MILLION)

15.1.2.1 Solutions

TABLE 267 SOLUTIONS: FLEET MANAGEMENT MARKET SIZE, BY REGION,
2016–2020 USD MILLION)

TABLE 268 SOLUTIONS: FLEET MANAGEMENT MARKET SIZE, BY REGION,
2021–2026 (USD MILLION)

TABLE 269 FLEET MANAGEMENT MARKET SIZE, BY SOLUTION, 2016–2020 (USD
MILLION)

TABLE 270 FLEET MANAGEMENT MARKET SIZE, BY SOLUTION, 2021–2026 (USD
MILLION)

15.1.2.2 Services

TABLE 271 FLEET MANAGEMENT MARKET SIZE FOR SERVICES, BY REGION,
2016–2020 USD MILLION)

TABLE 272 FLEET MANAGEMENT MARKET SIZE FOR SERVICES, BY REGION,
2021–2026 (USD MILLION)

TABLE 273 FLEET MANAGEMENT MARKET SIZE FOR SERVICES, BY TYPE,
2016–2020 (USD MILLION)

TABLE 274 FLEET MANAGEMENT MARKET SIZE FOR SERVICES, BY TYPE,

2021–2026 (USD MILLION)

TABLE 275 FLEET MANAGEMENT MARKET SIZE FOR PROFESSIONAL SERVICES, BY TYPE, 2016–2020 (USD MILLION)

TABLE 276 FLEET MANAGEMENT MARKET SIZE FOR PROFESSIONAL SERVICES, BY TYPE, 2021–2026 (USD MILLION)

TABLE 277 FLEET MANAGEMENT MARKET SIZE FOR PROFESSIONAL SERVICES, BY REGION, 2016–2020 (USD MILLION)

TABLE 278 FLEET MANAGEMENT MARKET SIZE FOR PROFESSIONAL SERVICES, BY REGION, 2021–2026 (USD MILLION)

TABLE 279 FLEET MANAGEMENT MARKET SIZE FOR MANAGED SERVICES, BY REGION, 2016–2020 (USD MILLION)

TABLE 280 FLEET MANAGEMENT MARKET SIZE FOR MANAGED SERVICES, BY REGION, 2021–2026 (USD MILLION)

15.1.3 FLEET MANAGEMENT MARKET, BY FLEET TYPE

TABLE 281 FLEET MANAGEMENT MARKET SIZE, BY FLEET TYPE, 2016–2020 (USD MILLION)

TABLE 282 FLEET MANAGEMENT MARKET SIZE, BY FLEET TYPE, 2021–2026 (USD MILLION)

15.1.4 FLEET MANAGEMENT MARKET, BY DEPLOYMENT TYPE

TABLE 283 FLEET MANAGEMENT MARKET SIZE, BY DEPLOYMENT TYPE, 2016–2020 (USD MILLION)

TABLE 284 FLEET MANAGEMENT MARKET SIZE, BY DEPLOYMENT TYPE, 2021–2026 (USD MILLION)

15.1.5 FLEET MANAGEMENT MARKET, BY REGION

TABLE 285 FLEET MANAGEMENT MARKET SIZE, BY REGION, 2016–2020 (USD MILLION)

TABLE 286 FLEET MANAGEMENT MARKET SIZE, BY REGION, 2021–2026 (USD MILLION)

15.2 SMART TRANSPORTATION MARKET

15.2.1 MARKET DEFINITION

15.2.2 MARKET OVERVIEW

15.2.3 SMART TRANSPORTATION MARKET, BY TRANSPORTATION MODE

TABLE 287 SMART TRANSPORTATION MARKET SIZE, BY TRANSPORTATION MODE, 2016–2019 (USD MILLION)

TABLE 288 SMART TRANSPORTATION MARKET SIZE, BY TRANSPORTATION MODE, 2019–2025 (USD MILLION)

TABLE 289 SMART TRANSPORTATION MODE MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 290 SMART TRANSPORTATION MODE MARKET SIZE, BY REGION,

2019–2025 (USD MILLION)

15.2.3.1 Roadways

TABLE 291 SMART TRANSPORTATION MARKET SIZE IN ROADWAYS, BY REGION, 2016–2019 (USD MILLION)

TABLE 292 SMART TRANSPORTATION MARKET SIZE IN ROADWAYS, BY REGION, 2019–2025 (USD MILLION)

15.2.3.2 Railways

TABLE 293 SMART TRANSPORTATION MARKET SIZE IN RAILWAYS, BY REGION, 2016–2019 (USD MILLION)

TABLE 294 SMART TRANSPORTATION MARKET SIZE IN RAILWAYS, BY REGION, 2019–2025 (USD MILLION)

15.2.3.3 Airways

TABLE 295 SMART TRANSPORTATION MARKET SIZE IN AIRWAYS, BY REGION, 2016–2019 (USD MILLION)

TABLE 296 SMART TRANSPORTATION MARKET SIZE IN AIRWAYS, BY REGION, 2019–2025 (USD MILLION)

15.2.3.4 Maritime

TABLE 297 SMART TRANSPORTATION MARKET SIZE IN MARITIME, BY REGION, 2016–2019 (USD MILLION)

TABLE 298 SMART TRANSPORTATION MARKET SIZE IN MARITIME, BY REGION, 2019–2025 (USD MILLION)

15.2.4 SMART TRANSPORTATION MARKET, BY REGION

TABLE 299 SMART TRANSPORTATION MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 300 SMART TRANSPORTATION MARKET SIZE, BY REGION, 2019–2025 (USD MILLION)

16 APPENDIX

16.1 DISCUSSION GUIDE

16.2 KNOWLEDGE STORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

16.3 AVAILABLE CUSTOMIZATIONS

16.4 RELATED REPORTS

16.5 AUTHOR DETAILS

About

In this report, the PIS market is segmented on the basis of systems, components, services, modes of transportation, and regions.

The value chain of the PIS market is comprised of IT systems and solutions, hardware components and devices, service providers, network services providers, transport service operators (public and private), and passengers.

NA is the major revenue contributor region for the PIS market. The transport services are well established in this region (all three). Apart from transport services, networking and communication services are also favorable for early adoption of PIS solutions. In airways and railways transit services, PIS solutions were adopted at initial stages and in roadways transit service, increased traction can be observed.

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