

Railway Management System Market Report by Component (Solutions, Services), Deployment Mode (On-premises, Cloud-based), Organization Size (Small and Medium-sized Enterprises, Large Enterprises), and Region 2024-2032

<https://marketpublishers.com/r/R8EAC4F0ECD7EN.html>

Date: April 2024

Pages: 136

Price: US\$ 3,899.00 (Single User License)

ID: R8EAC4F0ECD7EN

Abstracts

The global railway management system market size reached US\$ 55.6 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 130.0 Billion by 2032, exhibiting a growth rate (CAGR) of 9.7% during 2024-2032.

A railway management system involves various tools that are designed for performing, supporting, and managing different operations effectively across the railway industry. It necessitates continuous freight operations, such as rail planning and traffic, assets, infrastructure management, operation control, station communication, and maintenance schedules. These solutions assist in overseeing booking details, checking the availability of trains based on sources and destinations, tracking speed, analyzing data, handling cargo, and managing staff and passenger information. Apart from this, railway management systems employ advanced digital communication and disaster management systems, which further help in delivering enhanced consumer satisfaction, while ensuring optimum security and safety. At present, it is commercially categorized based on its varying deployment models, such as on-premises and cloud.

Railway Management System Market Trends:

The widespread adoption of railway management systems can be attributed to the increasing need to optimize transportation management, reduce operational costs, ensure the safety of passengers, and improve revenue. This, along with rapid urbanization, growing working population, and the increasing need for convenient transportation, particularly in developing regions, are currently driving the market growth

across the globe. In line with this, the increasing incorporation of on-train processing systems and advanced digital communications, such as railway management systems, have enabled the availability of high-speed internet connectivity and offered enhanced comfort to consumers, which is contributing to the market growth. Additionally, government bodies of various countries are consistently upgrading existing railway infrastructure through the integration of big data analytics, intelligent sensors, and the Internet of Things (IoT), which is acting as another major growth-inducing factor. These technologies further assists in minimizing deployment time, reducing bottlenecks, enhancing services, and facilitating efficient workflow. Apart from this, the increasing incorporation of disaster management in railway systems and the rapid establishment of smart cities across the globe are further creating a positive outlook for the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global railway management system market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on component, deployment mode and organization size.

Breakup by Component:

Solutions

- Rail Asset Management System
- Rail Traffic Management System
- Rail Operation Management System
- Rail Control System
- Rail Maintenance Management System
- Passenger Information System
- Rail Security

Services

- Training and Consulting
- System Integration and Deployment
- Support and Maintenance
- Managed Service
- Professional Service

Breakup by Deployment Mode:

On-premises

Cloud-based

Breakup by Organization Size:

Small and Medium-sized Enterprises

Large Enterprises

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being ABB Ltd., Alstom SA, Capgemini SE, Cisco Systems Inc., General Electric Company, Hitachi Ltd., Huawei Technologies Co. Ltd., Indra Sistemas S.A., International Business Machines Corporation, Nokia Corporation,

Siemens AG and Thales Group.

Key Questions Answered in This Report

1. What was the size of the global railway management system market in 2023?
2. What is the expected growth rate of the global railway management system market during 2024-2032?
3. What are the key factors driving the global railway management system market?
4. What has been the impact of COVID-19 on the global railway management system market?
5. What is the breakup of the global railway management system market based on the component?
6. What is the breakup of the global railway management system market based on the deployment mode?
7. What are the key regions in the global railway management system market?
8. Who are the key players/companies in the global railway management system market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL RAILWAY MANAGEMENT SYSTEM MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY COMPONENT

- 6.1 Solutions
 - 6.1.1 Market Trends
 - 6.1.2 Key Segments
 - 6.1.2.1 Rail Asset Management System
 - 6.1.2.2 Rail Traffic Management System
 - 6.1.2.3 Rail Operation Management System
 - 6.1.2.4 Rail Control System

6.1.2.5 Rail Maintenance Management System

6.1.2.6 Passenger Information System

6.1.2.7 Rail Security

6.1.3 Market Forecast

6.2 Services

6.2.1 Market Trends

6.2.2 Key Segments

6.2.2.1 Training and Consulting

6.2.2.2 System Integration and Deployment

6.2.2.3 Support and Maintenance

6.2.2.4 Managed Service

6.2.2.5 Professional Service

6.2.3 Market Forecast

7 MARKET BREAKUP BY DEPLOYMENT MODE

7.1 On-premises

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Cloud-based

7.2.1 Market Trends

7.2.2 Market Forecast

8 MARKET BREAKUP BY ORGANIZATION SIZE

8.1 Small and Medium-sized Enterprises

8.1.1 Market Trends

8.1.2 Market Forecast

8.2 Large Enterprises

8.2.1 Market Trends

8.2.2 Market Forecast

9 MARKET BREAKUP BY REGION

9.1 North America

9.1.1 United States

9.1.1.1 Market Trends

9.1.1.2 Market Forecast

9.1.2 Canada

- 9.1.2.1 Market Trends
- 9.1.2.2 Market Forecast
- 9.2 Asia-Pacific
 - 9.2.1 China
 - 9.2.1.1 Market Trends
 - 9.2.1.2 Market Forecast
 - 9.2.2 Japan
 - 9.2.2.1 Market Trends
 - 9.2.2.2 Market Forecast
 - 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
 - 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
 - 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
 - 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
 - 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
 - 9.3.5 Spain
 - 9.3.5.1 Market Trends

9.3.5.2 Market Forecast

9.3.6 Russia

9.3.6.1 Market Trends

9.3.6.2 Market Forecast

9.3.7 Others

9.3.7.1 Market Trends

9.3.7.2 Market Forecast

9.4 Latin America

9.4.1 Brazil

9.4.1.1 Market Trends

9.4.1.2 Market Forecast

9.4.2 Mexico

9.4.2.1 Market Trends

9.4.2.2 Market Forecast

9.4.3 Others

9.4.3.1 Market Trends

9.4.3.2 Market Forecast

9.5 Middle East and Africa

9.5.1 Market Trends

9.5.2 Market Breakup by Country

9.5.3 Market Forecast

10 SWOT ANALYSIS

10.1 Overview

10.2 Strengths

10.3 Weaknesses

10.4 Opportunities

10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

12.1 Overview

12.2 Bargaining Power of Buyers

12.3 Bargaining Power of Suppliers

12.4 Degree of Competition

12.5 Threat of New Entrants

12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

14.1 Market Structure

14.2 Key Players

14.3 Profiles of Key Players

14.3.1 ABB Ltd.

14.3.1.1 Company Overview

14.3.1.2 Product Portfolio

14.3.1.3 Financials

14.3.1.4 SWOT Analysis

14.3.2 Alstom SA

14.3.2.1 Company Overview

14.3.2.2 Product Portfolio

14.3.2.3 Financials

14.3.2.4 SWOT Analysis

14.3.3 Capgemini SE

14.3.3.1 Company Overview

14.3.3.2 Product Portfolio

14.3.3.3 Financials

14.3.3.4 SWOT Analysis

14.3.4 Cisco Systems Inc.

14.3.4.1 Company Overview

14.3.4.2 Product Portfolio

14.3.4.3 Financials

14.3.4.4 SWOT Analysis

14.3.5 General Electric Company

14.3.5.1 Company Overview

14.3.5.2 Product Portfolio

14.3.5.3 Financials

14.3.5.4 SWOT Analysis

14.3.6 Hitachi Ltd.

14.3.6.1 Company Overview

14.3.6.2 Product Portfolio

14.3.6.3 Financials

14.3.6.4 SWOT Analysis

14.3.7 Huawei Technologies Co. Ltd.

14.3.7.1 Company Overview

14.3.7.2 Product Portfolio

14.3.7.3 SWOT Analysis

14.3.8 Indra Sistemas S.A.

14.3.8.1 Company Overview

14.3.8.2 Product Portfolio

14.3.8.3 Financials

14.3.8.4 SWOT Analysis

14.3.9 International Business Machines Corporation

14.3.9.1 Company Overview

14.3.9.2 Product Portfolio

14.3.9.3 Financials

14.3.10 Nokia Corporation

14.3.10.1 Company Overview

14.3.10.2 Product Portfolio

14.3.10.3 Financials

14.3.10.4 SWOT Analysis

14.3.11 Siemens AG

14.3.11.1 Company Overview

14.3.11.2 Product Portfolio

14.3.11.3 Financials

14.3.11.4 SWOT Analysis

14.3.12 Thales Group

14.3.12.1 Company Overview

14.3.12.2 Product Portfolio

14.3.12.3 Financials

14.3.12.4 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: Railway Management System Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Railway Management System Market Forecast: Breakup by Component (in Million US\$), 2024-2032

Table 3: Global: Railway Management System Market Forecast: Breakup by Deployment Mode (in Million US\$), 2024-2032

Table 4: Global: Railway Management System Market Forecast: Breakup by Organization Size (in Million US\$), 2024-2032

Table 5: Global: Railway Management System Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 6: Global: Railway Management System Market: Competitive Structure

Table 7: Global: Railway Management System Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Railway Management System Market: Major Drivers and Challenges

Figure 2: Global: Railway Management System Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: Railway Management System Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 4: Global: Railway Management System Market: Breakup by Component (in %), 2023

Figure 5: Global: Railway Management System Market: Breakup by Deployment Mode (in %), 2023

Figure 6: Global: Railway Management System Market: Breakup by Organization Size (in %), 2023

Figure 7: Global: Railway Management System Market: Breakup by Region (in %), 2023

Figure 8: Global: Railway Management System (Solutions) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 9: Global: Railway Management System (Solutions) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 10: Global: Railway Management System (Services) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 11: Global: Railway Management System (Services) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 12: Global: Railway Management System (On-premises) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 13: Global: Railway Management System (On-premises) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 14: Global: Railway Management System (Cloud-based) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 15: Global: Railway Management System (Cloud-based) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 16: Global: Railway Management System (Small and Medium-sized Enterprises) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 17: Global: Railway Management System (Small and Medium-sized Enterprises) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 18: Global: Railway Management System (Large Enterprises) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 19: Global: Railway Management System (Large Enterprises) Market Forecast:

Sales Value (in Million US\$), 2024-2032

Figure 20: North America: Railway Management System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 21: North America: Railway Management System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 22: United States: Railway Management System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 23: United States: Railway Management System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 24: Canada: Railway Management System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 25: Canada: Railway Management System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 26: Asia-Pacific: Railway Management System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 27: Asia-Pacific: Railway Management System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 28: China: Railway Management System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 29: China: Railway Management System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 30: Japan: Railway Management System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 31: Japan: Railway Management System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 32: India: Railway Management System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 33: India: Railway Management System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 34: South Korea: Railway Management System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 35: South Korea: Railway Management System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 36: Australia: Railway Management System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 37: Australia: Railway Management System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 38: Indonesia: Railway Management System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 39: Indonesia: Railway Management System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 40: Others: Railway Management System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 41: Others: Railway Management System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 42: Europe: Railway Management System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 43: Europe: Railway Management System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 44: Germany: Railway Management System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 45: Germany: Railway Management System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 46: France: Railway Management System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 47: France: Railway Management System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 48: United Kingdom: Railway Management System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 49: United Kingdom: Railway Management System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 50: Italy: Railway Management System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 51: Italy: Railway Management System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 52: Spain: Railway Management System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 53: Spain: Railway Management System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 54: Russia: Railway Management System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 55: Russia: Railway Management System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 56: Others: Railway Management System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 57: Others: Railway Management System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 58: Latin America: Railway Management System Market: Sales Value (in Million

US\$), 2018 & 2023

Figure 59: Latin America: Railway Management System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 60: Brazil: Railway Management System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 61: Brazil: Railway Management System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 62: Mexico: Railway Management System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 63: Mexico: Railway Management System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 64: Others: Railway Management System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 65: Others: Railway Management System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 66: Middle East and Africa: Railway Management System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 67: Middle East and Africa: Railway Management System Market: Breakup by Country (in %), 2023

Figure 68: Middle East and Africa: Railway Management System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 69: Global: Railway Management System Industry: SWOT Analysis

Figure 70: Global: Railway Management System Industry: Value Chain Analysis

Figure 71: Global: Railway Management System Industry: Porter's Five Forces Analysis

I would like to order

Product name: Railway Management System Market Report by Component (Solutions, Services), Deployment Mode (On-premises, Cloud-based), Organization Size (Small and Medium-sized Enterprises, Large Enterprises), and Region 2024-2032

Product link: <https://marketpublishers.com/r/R8EAC4F0ECD7EN.html>

Price: US\$ 3,899.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/R8EAC4F0ECD7EN.html>

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

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

****All fields are required**

Customer signature _____

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

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970