

# **Railway Management System Market by Component (Solution and Services) - Global Opportunity Analysis and Industry Forecast, 2016-2023**

<https://marketpublishers.com/r/R845B3B2F4CEN.html>

Date: June 2017

Pages: 110

Price: US\$ 4,999.00 (Single User License)

ID: R845B3B2F4CEN

## **Abstracts**

Railway management system is a state-of-the art technology that enables efficient management of activities such as traffic control, asset management, control & maintenance, operations, and others. It includes software and services, which offer various features such as traffic planning, operation management, and others. The major solutions available in the market include rail traffic management system, rail asset management system, rail operation management system, rail control system, and rail maintenance management system.

The railway management system market has witnessed considerable growth in the recent years, owing to high adoption of novel technologies in the railway transportation industry, high demand for regional and international travel, supportive legislations from governing bodies, such as European Rail Traffic Management System (ERTMS), and rapid urbanization in the developing and the underdeveloped countries. In addition, growth in demand for efficient and instant transport mode, advanced fleet & asset management tools, such as asset planning, staff & passenger information, video monitoring, data analytics, and remote diagnostics, fuel the market growth.

Furthermore, increase in investment by private entities in government managed rail industry, high traffic on rail networks due to rise in population & urbanization and surge in demand for low-price travel by rail are expected to positively impact the railway management system market growth during the forecast period. However, vast increase in passenger & cargo traffic, high deployment costs, and inefficient use of rail networks are expected to limit the adoption of railway management systems.

The global railway management system industry is segmented based component and geography. Based on component, it is bifurcated into solution and services. Based on solution, it is classified into rail traffic management system, rail asset management system, rail operation management system, rail control system, and rail maintenance

management system. Geographically, global railway management system market is analyzed across North America, Europe, Asia-Pacific, and LAMEA. The key market players offering railway management system products include Alstom SA, Cisco Systems, Inc., General Electric, ABB Limited, IBM Corporation, Hitachi Limited, Huawei Technologies Co. Ltd., Indra Sistemas SA, Siemens AG, and Alcatel-Lucent.

## **KEY BENEFITS FOR STAKEHOLDERS**

In-depth analysis of the global railway management system market and dynamics is provided to understand the market scenario.

Quantitative analysis of the current trends and future estimations from 2017 to 2023 is provided to assist the strategists and stakeholders to capitalize on the prevailing opportunities.

Porter's five forces analysis examines the competitive structure of the global railway management system market and provides a clear understanding of the factors that influence the market entry and expansion.

A detailed analysis of the geographical segments enables identification of profitable segments for market players.

Comprehensive analyses of the trends, sub-segments, and key revenue pockets are provided.

Detailed analyses of the key players operating in the global railway management system market and their business strategies are anticipated to assist the stakeholders to take informed business decisions.

## **KEY MARKET SEGMENTS**

By Deployment Model

Solution

Rail Traffic Management System

Rail Asset Management System

Rail Operation Management System

Rail Control System

Rail Maintenance Management System

Services

## By Geography

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Italy

Rest of Europe

Asia-Pacific

Australia

China

India

Japan

Rest of Asia-Pacific

LAMEA

Latin America

Middle East

Africa

The key players profiled in the report are as follows:

Alstom SA

Cisco Systems, Inc.

General Electric

ABB Limited

IBM Corporation

Hitachi Limited

Huawei Technologies Co. Ltd.

Indra Sistemas SA

Siemens AG

Alcatel-Lucent

## Contents

### CHAPTER 1 INTRODUCTION

- 1.1. REPORT DESCRIPTION
- 1.2. KEY BENEFITS
- 1.3. KEY MARKET SEGMENTS
- 1.4. RESEARCH METHODOLOGY
  - 1.4.1. Primary research
  - 1.4.2. Secondary research
  - 1.4.3. Analyst tools and models
  - 1.4.4. Market segmentation

### CHAPTER 2 EXECUTIVE SUMMARY

- 2.1. CXO PERSPECTIVE

### CHAPTER 3 MARKET OVERVIEW

- 3.1. MARKET DEFINITION AND SCOPE
- 3.2. KEY FINDINGS
  - 3.2.1. Top winning strategies
  - 3.2.2. Top investment pockets
  - 3.2.3. Top impacting factors
- 3.3. PORTERS FIVE FORCES ANALYSIS
  - 3.3.1. Bargaining power of buyers
  - 3.3.2. Bargaining power of suppliers
  - 3.3.3. Degree of competition
  - 3.3.4. Threat of new entrants
  - 3.3.5. Threat of substitute
- 3.4. MARKET PLAYER POSITIONING
- 3.5. MARKET DYNAMICS
  - 3.5.1. Drivers
    - 3.5.1.1. High demand for regional as well as international travel
    - 3.5.1.2. Supportive legislations from governing bodies
    - 3.5.1.3. Rapid urbanization in developing and underdeveloped countries
  - 3.5.2. Restraints
    - 3.5.2.1. High investment costs
    - 3.5.2.2. Vast increase in passenger & cargo traffic

3.5.2.3. Inefficient use of rail networks

3.5.3. Opportunities

3.5.3.1. Increase in investment by private entities in government managed rail industry

3.5.3.2. High traffic on rail networks

## **CHAPTER 4 RAILWAY MANAGEMENT SYSTEM MARKET, BY COMPONENT**

4.1. OVERVIEW

4.2. SOLUTION

4.2.1. Key market trends

4.2.2. Key growth factors and opportunities

4.2.3. Market size and forecast

4.2.4. Rail traffic management system

4.2.4.1. Market size and forecast

4.2.5. Rail asset management system

4.2.5.1. Market size and forecast

4.2.6. Rail operation management system

4.2.6.1. Market size and forecast

4.2.7. Rail control system

4.2.7.1. Market size and forecast

4.2.8. Rail maintenance management system

4.2.8.1. Market size and forecast

4.3. SERVICES

4.3.1. Key market trends

4.3.2. Key growth factors and opportunities

4.3.3. Market size and forecast

## **CHAPTER 5 RAILWAY MANAGEMENT SYSTEM MARKET, BY GEOGRAPHY**

5.1. OVERVIEW

5.2. NORTH AMERICA

5.2.1. Key trends

5.2.2. Key growth factors and opportunities

5.2.3. Market size and forecast

5.2.4. U.S.

5.2.4.1. Market size and forecast

5.2.5. Canada

5.2.5.1. Market size and forecast

#### 5.2.6. Mexico

##### 5.2.6.1. Market size and forecast

### 5.3. EUROPE

#### 5.3.1. Key market trends

#### 5.3.2. Key growth factors and opportunities

#### 5.3.3. Market size and forecast

#### 5.3.4. UK

##### 5.3.4.1. Market size and forecast

#### 5.3.5. Germany

##### 5.3.5.1. Market size and forecast

#### 5.3.6. France

##### 5.3.6.1. Market size and forecast

#### 5.3.7. Russia

##### 5.3.7.1. Market size and forecast

#### 5.3.8. Rest of Europe

##### 5.3.8.1. Market size and forecast

### 5.4. ASIA-PACIFIC

#### 5.4.1. Key market trends

#### 5.4.2. Key growth factors and opportunities

#### 5.4.3. Market size and forecast

#### 5.4.4. Australia

##### 5.4.4.1. Market size and forecast

#### 5.4.5. China

##### 5.4.5.1. Market size and forecast

#### 5.4.6. India

##### 5.4.6.1. Market size and forecast

#### 5.4.7. Japan

##### 5.4.7.1. Market size and forecast

#### 5.4.8. Rest of Asia-Pacific

##### 5.4.8.1. Market size and forecast

### 5.5. LAMEA

#### 5.5.1. Key market trends

#### 5.5.2. Key growth factors and opportunities

#### 5.5.3. Market size and forecast

#### 5.5.4. Latin America

##### 5.5.4.1. Market size and forecast

#### 5.5.5. Middle East

##### 5.5.5.1. Market size and forecast

#### 5.5.6. Africa

#### 5.5.6.1. Market size and forecast

## **CHAPTER 6 COMPANY PROFILES**

### **6.1. ABB LIMITED**

- 6.1.1. Company overview
- 6.1.2. Company snapshot
- 6.1.3. Business performance
- 6.1.4. Key strategic moves & developments

### **6.2. ALSTOM SA**

- 6.2.1. Company overview
- 6.2.2. Company snapshot
- 6.2.3. Business performance
- 6.2.4. Key strategic moves & developments

### **6.3. ALCATEL-LUCENT**

- 6.3.1. Company overview
- 6.3.2. Company snapshot
- 6.3.3. Business performance
- 6.3.4. Key strategic moves & developments

### **6.4. CISCO SYSTEMS, INC.**

- 6.4.1. Company overview
- 6.4.2. Company snapshot
- 6.4.3. Business performance
- 6.4.4. Key strategic moves & developments

### **6.5. GENERAL ELECTRIC**

- 6.5.1. Company overview
- 6.5.2. Company snapshot
- 6.5.3. Business performance
- 6.5.4. Key strategic moves & developments

### **6.6. HITACHI LIMITED**

- 6.6.1. Company overview
- 6.6.2. Company snapshot
- 6.6.3. Business performance
- 6.6.4. Key strategic moves & developments

### **6.7. HUAWEI TECHNOLOGIES CO. LTD.**

- 6.7.1. Company overview
- 6.7.2. Company snapshot
- 6.7.3. Business performance
- 6.7.4. Key strategic moves & developments



## 6.8. IBM CORPORATION

6.8.1. Company overview

6.8.2. Company snapshot

6.8.3. Business performance

6.8.4. Key strategic moves & developments

## 6.9. INDRA SISTEMAS SA

6.9.1. Company overview

6.9.2. Company snapshot

6.9.3. Business performance

6.9.4. Key strategic moves & developments

## 6.10. SIEMENS AG

6.10.1. Company overview

6.10.2. Company snapshot

6.10.3. Business performance

6.10.4. Key strategic moves & developments

## List Of Tables

### LIST OF TABLES

TABLE 1. GLOBAL RAILWAY MANAGEMENT SYSTEM MARKET BY COMPONENT, 2016-2023 (\$MILLION)

TABLE 2. RAILWAY MANAGEMENT SYSTEM SOLUTION MARKET BY REGION, 2016-2023 (\$MILLION)

TABLE 3. GLOBAL RAILWAY MANAGEMENT SYSTEM SOLUTION MARKET BY TYPE, 2016-2023 (\$MILLION)

TABLE 4. RAILWAY MANAGEMENT SYSTEM SERVICES MARKET BY REGION, 2016-2023 (\$MILLION)

TABLE 5. RAILWAY MANAGEMENT SYSTEM MARKET BY GEOGRAPHY, 2016-2023 (\$MILLION)

TABLE 6. NORTH AMERICA RAILWAY MANAGEMENT SYSTEM MARKET BY COUNTRY, 2016-2023 (\$MILLION)

TABLE 7. EUROPE RAILWAY MANAGEMENT SYSTEM MARKET BY COUNTRY, 2016-2023 (\$MILLION)

TABLE 8. ASIA-PACIFIC RAILWAY MANAGEMENT SYSTEM MARKET BY COUNTRY, 2016-2023 (\$MILLION)

TABLE 9. LAMEA RAILWAY MANAGEMENT SYSTEM MARKET BY COUNTRY, 2016-2023 (\$MILLION)

TABLE 10. COMPANY SNAPSHOT: ABB LIMITED

TABLE 11. COMPANY SNAPSHOT: ALSTOM SA

TABLE 12. COMPANY SNAPSHOT: ALCATEL-LUCENT

TABLE 13. COMPANY SNAPSHOT: CISCO SYSTEMS, INC.

TABLE 14. COMPANY SNAPSHOT: GENERAL ELECTRIC

TABLE 15. COMPANY SNAPSHOT: HITACHI LIMITED

TABLE 16. COMPANY SNAPSHOT: HUAWEI TECHNOLOGIES CO. LTD.

TABLE 17. COMPANY SNAPSHOT: IBM CORPORATION

TABLE 18. COMPANY SNAPSHOT: INDRA SISTEMAS SA

TABLE 19. COMPANY SNAPSHOT: SIEMENS AG

## List Of Figures

### LIST OF FIGURES

FIGURE 1. MARKET SEGMENTATION: RAILWAY MANAGEMENT SYSTEM MARKET

FIGURE 2. TOP WINNING STRATEGIES, 2013-2017 (%)

FIGURE 3. TOP WINNING STRATEGIES, 2013-2017

FIGURE 4. TOP INVESTMENT POCKETS

FIGURE 5. TOP IMPACTING FACTORS

FIGURE 6. PORTERS FIVE FORCES ANALYSIS

FIGURE 7. BARGAINING POWER OF BUYERS

FIGURE 8. BARGAINING POWER OF SUPPLIERS

FIGURE 9. DEGREE OF COMPETITION

FIGURE 10. THREAT OF NEW ENTRANTS

FIGURE 11. THREAT OF SUBSTITUTES

FIGURE 12. MARKET PLAYER POSITIONING, 2015

FIGURE 13. DRIVERS, RESTRAINTS, AND OPPORTUNITIES

FIGURE 14. GLOBAL RAILWAY MANAGEMENT SYSTEM SOLUTION MARKET, 2016-2023 (\$MILLION)

FIGURE 15. GLOBAL RAILWAY MANAGEMENT SYSTEM SERVICES MARKET, 2016-2023 (\$MILLION)

FIGURE 16. GLOBAL RAILWAY MANAGEMENT SYSTEM MARKET BY GEOGRAPHY, MARKET SHARE (2016) AND CAGR (2017-2023, %)

FIGURE 17. NORTH AMERICA RAILWAY MANAGEMENT SYSTEM MARKET, 2016-2023 (\$MILLION)

FIGURE 18. U.S. RAILWAY MANAGEMENT SYSTEM MARKET, 2016-2023 (\$MILLION)

FIGURE 19. CANADA RAILWAY MANAGEMENT SYSTEM MARKET, 2016-2023 (\$MILLION)

FIGURE 20. MEXICO RAILWAY MANAGEMENT SYSTEM MARKET, 2016-2023 (\$MILLION)

FIGURE 21. EUROPE RAILWAY MANAGEMENT SYSTEM MARKET, 2016-2023 (\$MILLION)

FIGURE 22. UK RAILWAY MANAGEMENT SYSTEM MARKET, 2016-2023 (\$MILLION)

FIGURE 23. GERMANY RAILWAY MANAGEMENT SYSTEM MARKET, 2016-2023 (\$MILLION)

FIGURE 24. FRANCE RAILWAY MANAGEMENT SYSTEM MARKET, 2016-2023 (\$MILLION)

FIGURE 25. RUSSIA RAILWAY MANAGEMENT SYSTEM MARKET, 2016-2023  
(\$MILLION)

FIGURE 26. REST OF EUROPE RAILWAY MANAGEMENT SYSTEM MARKET,  
2016-2023 (\$MILLION)

FIGURE 27. ASIA-PACIFIC RAILWAY MANAGEMENT SYSTEM MARKET, 2016-2023  
(\$MILLION)

FIGURE 28. AUSTRALIA RAILWAY MANAGEMENT SYSTEM MARKET, 2016-2023  
(\$MILLION)

FIGURE 29. CHINA RAILWAY MANAGEMENT SYSTEM MARKET, 2016-2023  
(\$MILLION)

FIGURE 30. INDIA RAILWAY MANAGEMENT SYSTEM MARKET, 2016-2023  
(\$MILLION)

FIGURE 31. JAPAN RAILWAY MANAGEMENT SYSTEM MARKET, 2016-2023  
(MILLION)

FIGURE 32. REST OF ASIA-PACIFIC RAILWAY MANAGEMENT SYSTEM MARKET,  
2016-2023 (\$MILLION)

FIGURE 33. LAMEA RAILWAY MANAGEMENT SYSTEM MARKET, 2016-2023  
(\$MILLION)

FIGURE 34. LATIN AMERICA RAILWAY MANAGEMENT SYSTEM MARKET,  
2016-2023 (\$MILLION)

FIGURE 35. MIDDLE EAST RAILWAY MANAGEMENT SYSTEM MARKET, 2016-2023  
(\$MILLION)

FIGURE 36. AFRICA RAILWAY MANAGEMENT SYSTEM MARKET, 2016-2023  
(\$MILLION)

FIGURE 37. ABB LIMITED: FINANCIAL PERFORMANCE

FIGURE 38. ALSTOM SA: FINANCIAL PERFORMANCE

FIGURE 39. ALCATEL-LUCENT: FINANCIAL PERFORMANCE

FIGURE 40. CISCO SYSTEMS, INC.: FINANCIAL PERFORMANCE

FIGURE 41. GENERAL ELECTRIC: FINANCIAL PERFORMANCE

FIGURE 42. HITACHI LIMITED: FINANCIAL PERFORMANCE

FIGURE 43. HUAWEI TECHNOLOGIES CO. LTD.: FINANCIAL PERFORMANCE

FIGURE 44. IBM CORPORATION: FINANCIAL PERFORMANCE

FIGURE 45. INDRA SISTEMAS SA: FINANCIAL PERFORMANCE

FIGURE 46. SIEMENS AG: FINANCIAL PERFORMANCE

## I would like to order

Product name: Railway Management System Market by Component (Solution and Services) - Global Opportunity Analysis and Industry Forecast, 2016-2023

Product link: <https://marketpublishers.com/r/R845B3B2F4CEN.html>

Price: US\$ 4,999.00 (Single User License / Electronic Delivery)

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

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

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/R845B3B2F4CEN.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

