

# **Europe Rolling Stock Management Market Forecast to 2028 - Regional Analysis - by Management Type (Rail Management and Infrastructure Management) and Maintenance Service (Corrective Maintenance, Preventive Maintenance, and Predictive Maintenance)**

<https://marketpublishers.com/r/E38A26D208FEEN.html>

Date: March 2024

Pages: 147

Price: US\$ 3,550.00 (Single User License)

ID: E38A26D208FEEN

## **Abstracts**

The Europe rolling stock management market was valued at US\$ 16,539.86 million in 2022 and is expected to reach US\$ 22,614.86 million by 2028; it is estimated to grow at a CAGR of 5.4% from 2022 to 2028.

**Rising Safety and Security Concerns Regarding Rail Infrastructure fuel the Europe Rolling Stock Management Market**

As per the International Energy Agency (IEA), passenger rail activity is expected to reach 15 trillion passenger-km by 2050 due to the rising development of transport systems and rail networks for the better convenience of passengers. Thus, there is a rise in the need for efficient and reliable maintenance and management of the rolling stock to maintain the safety and security of passengers. The management of rail assets and traffic control plays an important role in the rail industry in boosting the security of passengers by avoiding any accidents and derailment situations. Derailment is one of the most common issues in the rail industry. It is an operational error that causes the train to come off the railway track due to the mechanical failure of the tracks or train. Therefore, the rolling stock management system engages in the maintenance of these tracks to avoid such accidents. Preventive and predictive maintenance of rail infrastructure allows the workers to monitor and check the condition of the railway tracks to detect any mechanical error. Predictive maintenance allows the rail industry to be prepared for emergency situations that are caused by the failure of the critical component of the rolling stock. Thus, the benefits of the rolling stock management help to maintain security and safety in the rail industry, which drives the demand for the rolling stock management system and fuels its market growth.

## Europe Rolling Stock Management Market Overview

Europe has one of the world's largest train networks. The European Union has been planning to double freight rail's modal share by 2030 to ease the congestion of major road connections and reduce the transport sector's CO<sub>2</sub> emissions. Countries in the region are signing contracts with various companies for rail or infrastructure expansion. For instance, in October 2020, Bombardier Transportation signed a three-year extension of its Train Services Agreement (TSA) with Arriva Cross-country in the UK. According to this agreement, Bombardier continued to overhaul, service, maintain, and clean a fleet of 24 class 221 Super Voyagers and 34 class 220 Voyagers. The contract is for three years and is worth US\$ 248 million.

Europe Rolling Stock Management Market Revenue and Forecast to 2028 (US\$ Million)

Europe Rolling Stock Management Market Segmentation

The Europe rolling stock management market is segmented based on management type, maintenance service, and country. Based on management type, the Europe rolling stock management market is bifurcated into rail management and infrastructure management. The rail management segment held a larger market share in 2022. The rail management segment is further subsegmented into remote diagnostic management, wayside management, train management, asset management, cab advisory, and others. Additionally, the infrastructure management segment is categorized into control room management, station management, automatic fare collection management, and others.

Based on maintenance service, the Europe rolling stock management market is segmented into corrective maintenance, preventive maintenance, and predictive maintenance. The corrective maintenance segment held the largest market share in 2022.

Based on country, the Europe rolling stock management market is segmented into France, Germany, the UK, Italy, Russia, and the Rest of Europe. Germany dominated the Europe rolling stock management market share in 2022.

Alstom SA, ABB Ltd, Hitachi Rail Ltd, Mitsubishi Electric Corp, LocoTech LLC, Siemens Mobility GmbH, Talgo SA, Thales SA, Toshiba Infrastructure Systems and Solutions Corp, and Trimble Inc. are some of the leading companies operating in the Europe rolling stock management market.

## Contents

### **1. INTRODUCTION**

- 1.1 Study Scope
- 1.2 The Insight Partners Research Report Guidance
- 1.3 Market Segmentation

### **2. KEY TAKEAWAYS**

### **3. RESEARCH METHODOLOGY**

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

### **4. EUROPE ROLLING STOCK MANAGEMENT MARKET LANDSCAPE**

- 4.1 Market Overview
- 4.2 PEST Analysis
  - 4.2.1 Europe
- 4.3 Ecosystem Analysis
- 4.4 Expert Opinions

### **5. EUROPE ROLLING STOCK MANAGEMENT MARKET - KEY MARKET DYNAMICS**

- 5.1 Market Drivers
  - 5.1.1 Expansion of Rail Industry
  - 5.1.2 Rising Safety and Security Concerns Regarding Rail Infrastructure
- 5.2 Market Restraints
  - 5.2.1 Limited Use of Rolling Stock for Transportation
- 5.3 Market Opportunities
  - 5.3.1 Integration of 5G and IoT in Rolling Stock Management System
- 5.4 Future Trends
  - 5.4.1 Use of Robotics in Rolling Stock Management
- 5.5 Impact Analysis of Drivers and Restraints

### **6. ROLLING STOCK MANAGEMENT - EUROPE MARKET ANALYSIS**

## 6.1 Europe Rolling Stock Management Market Revenue Forecast and Analysis

# 7. EUROPE ROLLING STOCK MANAGEMENT MARKET - BY MANAGEMENT TYPE

## 7.1 Overview

## 7.2 Rolling Stock Management Market, by Management Type (2022 and 2028)

## 7.3 Rail Management

### 7.3.1 Overview

### 7.3.2 Rail Management: Rolling Stock Management Market - Revenue and Forecast to 2028 (US\$ Million)

#### 7.3.2.1 Remote Diagnostic Management

##### 7.3.2.1.1 Overview

##### 7.3.2.1.2 Remote Diagnostic Management: Rolling Stock Management Market - Revenue and Forecast to 2028 (US\$ Million)

#### 7.3.2.2 Wayside Management

##### 7.3.2.2.1 Overview

##### 7.3.2.2.2 Wayside Management: Rolling Stock Management Market - Revenue and Forecast to 2028 (US\$ Million)

#### 7.3.2.3 Train management

##### 7.3.2.3.1 Overview

##### 7.3.2.3.2 Train management: Rolling Stock Management Market - Revenue and Forecast to 2028 (US\$ Million)

#### 7.3.2.4 Asset Management

##### 7.3.2.4.1 Overview

##### 7.3.2.4.2 Asset Management: Rolling Stock Management Market - Revenue and Forecast to 2028 (US\$ Million)

#### 7.3.2.5 Cab Advisory

##### 7.3.2.5.1 Overview

##### 7.3.2.5.2 Cab Advisory: Rolling Stock Management Market - Revenue and Forecast to 2028 (US\$ Million)

#### 7.3.2.6 Others

##### 7.3.2.6.1 Overview

##### 7.3.2.6.2 Others: Rolling Stock Management Market - Revenue and Forecast to 2028 (US\$ Million)

## 7.4 Infrastructure Management

### 7.4.1 Overview

### 7.4.2 Infrastructure Management: Rolling Stock Management Market - Revenue and Forecast to 2028 (US\$ Million)

#### 7.4.2.1 Control Room Management

##### 7.4.2.1.1 Overview

7.4.2.1.2 Control Room Management: Rolling Stock Management Market - Revenue and Forecast to 2028 (US\$ Million)

#### 7.4.2.2 Station Management

##### 7.4.2.2.1 Overview

7.4.2.2.2 Station Management: Rolling Stock Management Market - Revenue and Forecast to 2028 (US\$ Million)

#### 7.4.2.3 Automatic Fare Collection Management

##### 7.4.2.3.1 Overview

7.4.2.3.2 Automatic Fare Collection Management: Rolling Stock Management Market - Revenue and Forecast to 2028 (US\$ Million)

#### 7.4.2.4 Others

##### 7.4.2.4.1 Overview

7.4.2.4.2 Others: Rolling Stock Management Market - Revenue and Forecast to 2028 (US\$ Million)

## **8. EUROPE ROLLING STOCK MANAGEMENT MARKET - BY MAINTENANCE SERVICE**

### 8.1 Overview

### 8.2 Rolling Stock Management Market, by Maintenance Service (2022 and 2028)

### 8.3 Corrective Maintenance

#### 8.3.1 Overview

8.3.2 Corrective Maintenance: Rolling Stock Management Market - Revenue and Forecast to 2028 (US\$ Million)

### 8.4 Preventive Maintenance

#### 8.4.1 Overview

8.4.2 Preventive Maintenance: Rolling Stock Management Market - Revenue and Forecast to 2028 (US\$ Million)

### 8.5 Predictive Maintenance

#### 8.5.1 Overview

8.5.2 Predictive Maintenance: Rolling Stock Management Market - Revenue and Forecast to 2028 (US\$ Million)

## **9. EUROPE ROLLING STOCK MANAGEMENT MARKET - COUNTRY ANALYSIS**

### 9.1 Europe: Rolling Stock Management Market

#### 9.1.1 Europe: Rolling stock management Market, by Key Country

9.1.1.1 Germany: Rolling stock management Market - Revenue and Forecast to 2028 (US\$ Million)

9.1.1.1.1 Germany: Rolling Stock Management Market, by Management Type

9.1.1.1.1.1 Germany: Rolling Stock Management Market, by Rail Management

9.1.1.1.1.2 Germany: Rolling Stock Management Market, by Infrastructure

Management

9.1.1.1.2 Germany: Rolling Stock Management Market, by Maintenance Services

9.1.1.2 UK: Rolling stock management Market - Revenue and Forecast to 2028 (US\$ Million)

9.1.1.2.1 UK: Rolling Stock Management Market, by Management Type

9.1.1.2.1.1 UK: Rolling Stock Management Market, by Rail Management

9.1.1.2.1.2 UK: Rolling Stock Management Market, by Infrastructure Management

9.1.1.2.2 UK: Rolling Stock Management Market, by Maintenance Services

9.1.1.3 France: Rolling stock management Market - Revenue and Forecast to 2028 (US\$ Million)

9.1.1.3.1 France: Rolling Stock Management Market, by Management Type

9.1.1.3.1.1 France: Rolling Stock Management Market, by Rail Management

9.1.1.3.1.2 France: Rolling Stock Management Market, by Infrastructure

Management

9.1.1.3.2 France: Rolling Stock Management Market, by Maintenance Services

9.1.1.4 Italy: Rolling stock management Market - Revenue and Forecast to 2028 (US\$ Million)

9.1.1.4.1 Italy: Rolling Stock Management Market, by Management Type

9.1.1.4.1.1 Italy: Rolling Stock Management Market, by Rail Management

9.1.1.4.1.2 Italy: Rolling Stock Management Market, by Infrastructure Management

9.1.1.4.2 Italy: Rolling Stock Management Market, by Maintenance Services

9.1.1.5 Russia: Rolling stock management Market - Revenue and Forecast to 2028 (US\$ Million)

9.1.1.5.1 Russia: Rolling Stock Management Market, by Management Type

9.1.1.5.1.1 Russia: Rolling Stock Management Market, by Rail Management

9.1.1.5.1.2 Russia: Rolling Stock Management Market, by Infrastructure

Management

9.1.1.5.2 Russia: Rolling Stock Management Market, by Maintenance Services

9.1.1.6 Rest of Europe: Rolling stock management Market - Revenue and Forecast to 2028 (US\$ Million)

9.1.1.6.1 Rest of Europe: Rolling Stock Management Market, by Management Type

9.1.1.6.1.1 Rest of Europe: Rolling Stock Management Market, by Rail

Management

9.1.1.6.1.2 Rest of Europe: Rolling Stock Management Market, by Infrastructure

## Management

9.1.1.6.2 Rest of Europe: Rolling Stock Management Market, by Maintenance Services

## 10. INDUSTRY LANDSCAPE

10.1 Overview

10.2 Market Initiative

10.3 Product Development

## 11. COMPANY PROFILES

11.1 Alstom SA

11.1.1 Key Facts

11.1.2 Business Description

11.1.3 Products and Services

11.1.4 Financial Overview

11.1.5 SWOT Analysis

11.1.6 Key Developments

11.2 ABB Ltd

11.2.1 Key Facts

11.2.2 Business Description

11.2.3 Products and Services

11.2.4 Financial Overview

11.2.5 SWOT Analysis

11.2.6 Key Developments

11.3 Hitachi Rail Ltd

11.3.1 Key Facts

11.3.2 Business Description

11.3.3 Products and Services

11.3.4 Financial Overview

11.3.5 SWOT Analysis

11.3.6 Key Developments

11.4 Mitsubishi Electric Corp

11.4.1 Key Facts

11.4.2 Business Description

11.4.3 Products and Services

11.4.4 Financial Overview

11.4.5 SWOT Analysis

- 11.4.6 Key Developments
- 11.5 Siemens Mobility GmbH
  - 11.5.1 Key Facts
  - 11.5.2 Business Description
  - 11.5.3 Products and Services
  - 11.5.4 Financial Overview
  - 11.5.5 SWOT Analysis
  - 11.5.6 Key Developments
- 11.6 Talgo SA
  - 11.6.1 Key Facts
  - 11.6.2 Business Description
  - 11.6.3 Products and Services
  - 11.6.4 Financial Overview
  - 11.6.5 SWOT Analysis
  - 11.6.6 Key Developments
- 11.7 Thales SA
  - 11.7.1 Key Facts
  - 11.7.2 Business Description
  - 11.7.3 Products and Services
  - 11.7.4 Financial Overview
  - 11.7.5 SWOT Analysis
  - 11.7.6 Key Developments
- 11.8 Toshiba Infrastructure Systems and Solutions Corp
  - 11.8.1 Key Facts
  - 11.8.2 Business Description
  - 11.8.3 Products and Services
  - 11.8.4 Financial Overview
  - 11.8.5 SWOT Analysis
  - 11.8.6 Key Developments
- 11.9 Trimble Inc
  - 11.9.1 Key Facts
  - 11.9.2 Business Description
  - 11.9.3 Products and Services
  - 11.9.4 Financial Overview
  - 11.9.5 SWOT Analysis
  - 11.9.6 Key Developments
- 11.10 LocoTech LLC
  - 11.10.1 Key Facts
  - 11.10.2 Business Description



- 11.10.3 Products and Services
- 11.10.4 Financial Overview
- 11.10.5 SWOT Analysis
- 11.10.6 Key Developments

## **12. APPENDIX**

- 12.1 About The Insight Partners
- 12.2 Word Index

## I would like to order

Product name: Europe Rolling Stock Management Market Forecast to 2028 - Regional Analysis - by Management Type (Rail Management and Infrastructure Management) and Maintenance Service (Corrective Maintenance, Preventive Maintenance, and Predictive Maintenance)

Product link: <https://marketpublishers.com/r/E38A26D208FEEN.html>

Price: US\$ 3,550.00 (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/E38A26D208FEEN.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