

Connected Rail Market: Global Market Size, Forecast, Insights, and Competitive Landscape

<https://marketpublishers.com/r/CF8AEBAB1CD1EN.html>

Date: November 2022

Pages: 132

Price: US\$ 2,299.00 (Single User License)

ID: CF8AEBAB1CD1EN

Abstracts

The global connected rail market is expected to grow at a CAGR of around 5.0% during 2023-2030. This report on global connected rail market report provides holistic understanding of the market along with market sizing, forecast, drivers, challenges, and competitive landscape. The report presents a clear picture of the global connected rail market by segmenting the market based on service, rolling stock, safety & signaling system, and region. Also, detailed profiles of companies operating in the connected rail market are provided in this report. We believe that this report will aid the professionals and industry stakeholders in making informed decision.

Market Drivers

Rise in Penetration of Digital Infrastructure

Increase in Demand for Automated & Autonomous Rail Operations

Market Challenges

Data and Privacy Security of Commuters

High Cost Required in Installation

Historical & Forecast Period

Base Year: 2022

Historical Period: 2018-2022

Forecast Period: 2023-2030

Market by Service

Passenger Mobility and Services

Wi-Fi Devices

On Board Entertainment

Passenger Information System

Information Announcement System

Rail Display Systems

- Railway Platform Displays
- Railway Concourse Displays
- Railway Onboard Displays
- Emergency Displays (EDNE Displays)
- Station Evacuation (SEVAC)
- Railway Station Clocks

Train Tracking & Monitoring Solutions

Automated Fare Collection System

IP Video Surveillance

Predictive Maintenance

Freight Management System

Freight Operation Management

Freight Tracking

Others

Market by Rolling Stock

Diesel Locomotive

Electric Locomotive

Diesel Multiple Unit

Electric Multiple Unit

Light Rail/Tram Car

Subway/Metro Vehicle

Passenger Coach

Freight Wagon

Market by Safety & Signaling System

Positive Train Control (PTC)

Communication/Computer-based Train Control (CBTC)

Automated/Integrated Train Control (ATC)

Market by Region

Europe

Germany

United Kingdom

France

Italy

Spain

Russia

Netherlands

Rest of Europe

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Rest of Asia Pacific

Latin America

Mexico

Brazil

Argentina

Rest of Latin America

Middle East & Africa

Saudi Arabia

Turkey

Iran

Rest of Middle East & Africa

Contents

1. PREFACE

- 1.1 Objective
- 1.2 Target Audience & Key Offerings
- 1.3 Report's Scope
- 1.4 Research Methodology
 - 1.4.1 Phase I
 - 1.4.2 Phase II
 - 1.4.3 Phase III
- 1.5 Assumptions

2. KEY INSIGHTS

3. GLOBAL CONNECTED RAIL MARKET

- 3.1. Introduction
- 3.2. Market Drivers
- 3.3. Market Challenges

4. GLOBAL CONNECTED RAIL MARKET ANALYSIS

- 4.1. Market Portraiture
- 4.2. Market Size
- 4.3. Market Forecast
- 4.4. Impact of COVID-19

5. GLOBAL CONNECTED RAIL MARKET BY SERVICE

- 5.1. Introduction
- 5.2. Passenger Mobility and Services
 - 5.2.1. Wi-Fi Devices
 - 5.2.2. On Board Entertainment
- 5.3. Passenger Information System
 - 5.3.1. Information Announcement System
 - 5.3.2. Rail Display Systems
 - 5.3.2.1. Railway Platform Displays
 - 5.3.2.2. Railway Concourse Displays

- 5.3.2.3. Railway Onboard Displays
- 5.3.2.4. Emergency Displays (EDNE Displays)
- 5.3.2.5. Station Evacuation (SEVAC)
- 5.3.2.6. Railway Station Clocks
- 5.4. Train Tracking & Monitoring Solutions
- 5.5. Automated Fare Collection System
- 5.6. IP Video Surveillance
- 5.7. Predictive Main Tenance
- 5.8. Freight Management System
 - 5.8.1. Freight Operation Management
 - 5.8.2. Freight Tracking
- 5.9. Others

6. GLOBAL CONNECTED RAIL MARKET BY ROLLING STOCK

- 6.1. Introduction
- 6.2. Diesel Locomotive
- 6.3. Electric Locomotive
- 6.4. Diesel Multiple Unit
- 6.5. Electric Multiple Unit
- 6.6. Light Rail/Tram Car
- 6.7. Subway/Metro Vehicle
- 6.8. Passenger Coach
- 6.9. Freight Wagon

7. GLOBAL CONNECTED RAIL MARKET BY SAFETY & SIGNALING SYSTEM

- 7.1. Introduction
- 7.2. Positive Train Control (PTC)
- 7.3. Communication/Computer-based Train Control (CBTC)
- 7.4. Automated/Integrated Train Control (ATC)

8. GLOBAL CONNECTED RAIL MARKET BY REGION

- 8.1. Introduction
- 8.2. Europe
 - 8.2.1. Germany
 - 8.2.2. United Kingdom
 - 8.2.3. France

- 8.2.4. Italy
- 8.2.5. Spain
- 8.2.6. Russia
- 8.2.7. Netherlands
- 8.2.8. Rest of the Europe
- 8.3. North America
 - 8.3.1. United States
 - 8.3.2. Canada
- 8.4. Asia Pacific
 - 8.4.1. China
 - 8.4.2. Japan
 - 8.4.3. India
 - 8.4.4. South Korea
 - 8.4.5. Australia
 - 8.4.6. Indonesia
 - 8.4.7. Rest of the Asia Pacific
- 8.5. Latin America
 - 8.5.1. Mexico
 - 8.5.2. Brazil
 - 8.5.3. Argentina
 - 8.5.4. Rest of Latin America
- 8.6. Middle East & Africa
 - 8.6.1. Saudi Arabia
 - 8.6.2. Turkey
 - 8.6.3. Iran
 - 8.6.4. United Arab Emirates
 - 8.6.5. Rest of Middle East & Africa

9. SWOT ANALYSIS

10. PORTER'S FIVE FORCES

11. MARKET VALUE CHAIN ANALYSIS

12. COMPETITIVE LANDSCAPE

- 12.1. Competitive Scenario
- 12.2. Company Profiles
 - 12.2.1. Alstom SA

- 12.2.2. Bombardier Inc.
- 12.2.3. Cisco Systems Inc.
- 12.2.4. Hitachi Limited
- 12.2.5. Huawei
- 12.2.6. IBM Corporation
- 12.2.7. Nokia Corporation
- 12.2.8. Robert Bosch GmbH
- 12.2.9. Siemens AG
- 12.2.10. Wabtec Corporation

List Of Tables

LIST OF TABLES

Table 1: Global Connected Rail Market Portraiture

Table 2: Global Connected Rail Market by Service (in US\$ Million), 2022 & 2030

Table 3: Passenger Mobility and Services Connected Rail Market by Service (in US\$ Million), 2022 & 2030

Table 4: Passenger Information System Connected Rail Market by Service (in US\$ Million), 2022 & 2030

Table 5: Freight Management System Connected Rail Market by Service (in US\$ Million), 2022 & 2030

Table 6: Global Connected Rail Market by Rolling Stock (in US\$ Million), 2022 & 2030

Table 7: Global Connected Rail Market by Safety & Signaling System (in US\$ Million), 2022 & 2030

Table 8: Global Connected Rail Market by Region (in US\$ Million), 2022 & 2030

Table 9: Europe Connected Rail Market by Country (in US\$ Million), 2022 & 2030

Table 10: North America Connected Rail Market by Country (in US\$ Million), 2022 & 2030

Table 11: Asia Pacific Connected Rail Market by Country (in US\$ Million), 2022 & 2030

Table 12: Latin America Connected Rail Market by Country (in US\$ Million), 2022 & 2030

Table 13: Middle East & Africa Connected Rail Market by Country (in US\$ Million), 2022 & 2030

Table 14: List of Key Players

List Of Figures

LIST OF FIGURES

- Figure 1: Global Connected Rail Market (in US\$ Million), 2018-2022
- Figure 2: Global Connected Rail Market by Service, 2022
- Figure 3: Global Connected Rail Market by Rolling Stock, 2022
- Figure 4: Global Connected Rail Market by Safety & Signaling System, 2022
- Figure 5: Global Connected Rail Market by Region, 2022
- Figure 6: Global Connected Rail Market (in US\$ Million), 2023-2030
- Figure 7: Global Connected Rail Market by Service (in %), 2022 & 2030
- Figure 8: Global Passenger Mobility and Services Connected Rail Market (in US\$ Million), 2018-2022
- Figure 9: Global Passenger Mobility and Services Connected Rail Market (in US\$ Million), 2023-2030
- Figure 10: Wi-Fi Devices Passenger Mobility and Services Connected Rail Market (in US\$ Million), 2018-2030
- Figure 11: On Board Entertainment Passenger Mobility and Services Connected Rail Market (in US\$ Million), 2018-2030
- Figure 12: Global Passenger Information System Connected Rail Market (in US\$ Million), 2018-2022
- Figure 13: Global Passenger Information System Connected Rail Market (in US\$ Million), 2023-2030
- Figure 14: Information Announcement System Passenger Information System Connected Rail Market (in US\$ Million), 2018-2030
- Figure 15: Rail Display Systems Passenger Information System Connected Rail Market (in US\$ Million), 2018-2030
- Figure 16: Railway Platform Displays Rail Display Systems Passenger Information System Connected Rail Market (in US\$ Million), 2018-2030
- Figure 17: Railway Concourse Displays Rail Display Systems Passenger Information System Connected Rail Market (in US\$ Million), 2018-2030
- Figure 18: Railway Onboard Displays Rail Display Systems Passenger Information System Connected Rail Market (in US\$ Million), 2018-2030
- Figure 19: Emergency Displays (EDNE Displays) Rail Display Systems Passenger Information System Connected Rail Market (in US\$ Million), 2018-2030
- Figure 20: Station Evacuation (SEVAC) Rail Display Systems Passenger Information System Connected Rail Market (in US\$ Million), 2018-2030
- Figure 21: Railway Station Clocks Rail Display Systems Passenger Information System Connected Rail Market (in US\$ Million), 2018-2030

Figure 22: Global Train Tracking & Monitoring Solutions Connected Rail Market (in US\$ Million), 2018-2022

Figure 23: Global Train Tracking & Monitoring Solutions Connected Rail Market (in US\$ Million), 2023-2030

Figure 24: Global Automated Fare Collection System Connected Rail Market (in US\$ Million), 2018-2022

Figure 25: Global Automated Fare Collection System Connected Rail Market (in US\$ Million), 2023-2030

Figure 26: Global IP Video Surveillance Connected Rail Market (in US\$ Million), 2018-2022

Figure 27: Global IP Video Surveillance Connected Rail Market (in US\$ Million), 2023-2030

Figure 28: Global Predictive Maintenance Connected Rail Market (in US\$ Million), 2018-2022

Figure 29: Global Predictive Maintenance Connected Rail Market (in US\$ Million), 2023-2030

Figure 30: Global Freight Management System Connected Rail Market (in US\$ Million), 2018-2022

Figure 31: Global Freight Management System Connected Rail Market (in US\$ Million), 2023-2030

Figure 32: Freight Operation Management Freight Management System Connected Rail Market (in US\$ Million), 2018-2030

Figure 33: Freight Tracking Freight Management System Connected Rail Market (in US\$ Million), 2018-2030

Figure 34: Global Other Services Connected Rail Market (in US\$ Million), 2018-2022

Figure 35: Global Other Services Collection System Connected Rail Market (in US\$ Million), 2023-2030

Figure 36: Global Connected Rail Market by Rolling Stock (in %), 2022 & 2030

Figure 37: Global Diesel Locomotive Connected Rail Market (in US\$ Million), 2018-2022

Figure 38: Global Diesel Locomotive Connected Rail Market (in US\$ Million), 2023-2030

Figure 39: Global Electric Locomotive Connected Rail Market (in US\$ Million), 2018-2022

Figure 40: Global Electric Locomotive Connected Rail Market (in US\$ Million), 2023-2030

Figure 41: Global Diesel Multiple Unit Connected Rail Market (in US\$ Million), 2018-2022

Figure 42: Global Diesel Multiple Unit Connected Rail Market (in US\$ Million), 2023-2030

Figure 43: Global Electric Multiple Unit Connected Rail Market (in US\$ Million),

2018-2022

Figure 44: Global Electric Multiple Unit Connected Rail Market (in US\$ Million),
2023-2030

Figure 45: Global Light Rail/Tram Car Connected Rail Market (in US\$ Million),
2018-2022

Figure 46: Global Light Rail/Tram Car Connected Rail Market (in US\$ Million),
2023-2030

Figure 47: Global Subway/Metro Vehicle Connected Rail Market (in US\$ Million),
2018-2022

Figure 48: Global Subway/Metro Vehicle Connected Rail Market (in US\$ Million),
2023-2030

Figure 49: Global Passenger Coach Connected Rail Market (in US\$ Million), 2018-2022

Figure 50: Global Passenger Coach Connected Rail Market (in US\$ Million), 2023-2030

Figure 51: Global Freight Wagon Connected Rail Market (in US\$ Million), 2018-2022

Figure 52: Global Freight Wagon Connected Rail Market (in US\$ Million), 2023-2030

Figure 53: Global Connected Rail Market by Safety & Signaling System (in %), 2022 &
2030

Figure 54: Global Positive Train Control (PTC) Connected Rail Market (in US\$ Million),
2018-2022

Figure 55: Global Positive Train Control (PTC) Connected Rail Market (in US\$ Million),
2023-2030

Figure 56: Global Communication/Computer-based Train Control (CBTC) Connected
Rail Market (in US\$ Million), 2018-2022

Figure 57: Global Communication/Computer-based Train Control (CBTC) Connected
Rail Market (in US\$ Million), 2023-2030

Figure 58: Global Automated/Integrated Train Control (ATC) Connected Rail Market (in
US\$ Million), 2018-2022

Figure 59: Global Automated/Integrated Train Control (ATC) Connected Rail Market (in
US\$ Million), 2023-2030

Figure 60: Global Connected Rail Market by Region (in %), 2022 & 2030

Figure 61: Europe Connected Rail Market (in US\$ Million), 2018-2022

Figure 62: Europe Connected Rail Market (in US\$ Million), 2023-2030

Figure 63: Europe Connected Rail Market by Country (in %), 2022 & 2030

Figure 64: Germany Connected Rail Market (in US\$ Million), 2018-2030

Figure 65: United Kingdom Connected Rail Market (in US\$ Million), 2018-2030

Figure 66: France Connected Rail Market (in US\$ Million), 2018-2030

Figure 67: Italy Connected Rail Market (in US\$ Million), 2018-2030

Figure 68: Spain Connected Rail Market (in US\$ Million), 2018-2030

Figure 69: Russia Connected Rail Market (in US\$ Million), 2018-2030

- Figure 70: Netherlands Connected Rail Market (in US\$ Million), 2018-2030
- Figure 71: North America Connected Rail Market (in US\$ Million), 2018-2022
- Figure 72: North America Connected Rail Market (in US\$ Million), 2023-2030
- Figure 73: North America Connected Rail Market by Country (in %), 2022 & 2030
- Figure 74: United States Connected Rail Market (in US\$ Million), 2018-2030
- Figure 75: Canada Connected Rail Market (in US\$ Million), 2018-2030
- Figure 76: Asia Pacific Connected Rail Market (in US\$ Million), 2018-2022
- Figure 77: Asia Pacific Connected Rail Market (in US\$ Million), 2023-2030
- Figure 78: Asia Pacific Connected Rail Market by Country (in %), 2022 & 2030
- Figure 79: China Connected Rail Market (in US\$ Million), 2018-2030
- Figure 80: Japan Connected Rail Market (in US\$ Million), 2018-2030
- Figure 81: India Connected Rail Market (in US\$ Million), 2018-2030
- Figure 82: South Korea Connected Rail Market (in US\$ Million), 2018-2030
- Figure 83: Australia Connected Rail Market (in US\$ Million), 2018-2030
- Figure 84: Indonesia Connected Rail Market (in US\$ Million), 2018-2030
- Figure 85: Latin America Connected Rail Market (in US\$ Million), 2018-2022
- Figure 86: Latin America Connected Rail Market (in US\$ Million), 2023-2030
- Figure 87: Latin America Connected Rail Market by Country (in %), 2022 & 2030
- Figure 88: Mexico Connected Rail Market (in US\$ Million), 2018-2030
- Figure 89: Brazil Connected Rail Market (in US\$ Million), 2018-2030
- Figure 90: Argentina Connected Rail Market (in US\$ Million), 2018-2030
- Figure 91: Middle East & Africa Connected Rail Market (in US\$ Million), 2018-2022
- Figure 92: Middle East & Africa Connected Rail Market (in US\$ Million), 2023-2030
- Figure 93: Middle East & Africa Connected Rail Market by Country (in %), 2022 & 2030
- Figure 94: Saudi Arabia Connected Rail Market (in US\$ Million), 2018-2030
- Figure 95: Turkey Connected Rail Market (in US\$ Million), 2018-2030
- Figure 96: Iran Connected Rail Market (in US\$ Million), 2018-2030
- Figure 97: UAE Connected Rail Market (in US\$ Million), 2018-2030
- Figure 98: Market Value Chain

I would like to order

Product name: Connected Rail Market: Global Market Size, Forecast, Insights, and Competitive Landscape

Product link: <https://marketpublishers.com/r/CF8AEBAB1CD1EN.html>

Price: US\$ 2,299.00 (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/CF8AEBAB1CD1EN.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

