

# Connected Rail Solutions Market Research: Global Status & Forecast by Geography, Type & Application (2017-2027)

<https://marketpublishers.com/r/C98D20BB6B9EN.html>

Date: October 2021

Pages: 68

Price: US\$ 2,280.00 (Single User License)

ID: C98D20BB6B9EN

## Abstracts

According to 99Strategy, the Global Connected Rail Solutions Market is estimated to reach xxx million USD in 2021 and projected to grow at the CAGR of xx% during the 2022-2027. The report analyses the global Connected Rail Solutions market, the market size and growth, as well as the major market participants.

The analysis includes market size, upstream situation, market segmentation, market segmentation, price & cost and industry environment. In addition, the report outlines the factors driving industry growth and the description of market channels. The report begins from overview of industrial chain structure, and describes the upstream. Besides, the report analyses market size and forecast in different geographies, type and end-use segment, in addition, the report introduces market competition overview among the major companies and companies profiles, besides, market price and channel features are covered in the report.

## Key Regions

Asia Pacific

North America

Europe

South America

Middle East & Africa

## Key Companies

Cisco Systems

Alstom

Siemens AG

Hitachi

IBM Corporation

Bombardier

Wabtec Corporation

Trimble

Robert Bosch

Huawei Investment & Holding

Calamp Corp

## Key Product Type

Positive Train Control (PTC)

Communication/Computer-Based Train Control (CBTC)

Automated/Integrated Train Control (ATC)

Others

## Market by Application

Diesel Locomotive

Electric Locomotive

DMU

EMU

Light Rail/Tram Car

Subway/Metro Vehicle

Passenger Coach

Freight Wagon

Others

#### Main Aspects covered in the Report

Overview of the Connected Rail Solutions market including production, consumption, status & forecast and market growth

2017-2021 historical data and 2022-2027 market forecast

Geographical analysis including major countries

Overview the product type market including development

Overview the end-user market including development

## Contents

### 1 INDUSTRIAL CHAIN OVERVIEW

#### 1.1 Connected Rail Solutions Industry

##### 1.1.1 Overview

Figure Connected Rail Solutions Picture List

##### 1.1.2 Characteristics of Connected Rail Solutions

#### 1.2 Upstream

##### 1.2.1 Major Materials

##### 1.2.2 Manufacturing Overview

#### 1.3 Product List By Type

##### 1.3.1 Positive Train Control (PTC)

##### 1.3.2 Communication/Computer-Based Train Control (CBTC)

##### 1.3.3 Automated/Integrated Train Control (ATC)

##### 1.3.4 Others

#### 1.4 End-Use List

##### 1.4.1 Demand in Diesel Locomotive

##### 1.4.2 Demand in Electric Locomotive

##### 1.4.3 Demand in DMU

##### 1.4.4 Demand in EMU

##### 1.4.5 Demand in Light Rail/Tram Car

##### 1.4.6 Demand in Subway/Metro Vehicle

##### 1.4.7 Demand in Passenger Coach

##### 1.4.8 Demand in Freight Wagon

##### 1.4.9 Demand in Others

#### 1.5 Global Market Overview

##### 1.5.1 Global Market Size and Forecast, 2017-2027

Figure Global Market Size and Forecast with Growth Rate, 2017-2027

##### 1.5.2 Global Market Size and Forecast by Geography with CAGR, 2017-2027

Table Global Market Size and Forecast by Geography with Growth Rate, 2017-2027

##### 1.5.3 Global Market Size and Forecast by Product Type with CAGR, 2017-2027

Table Global Market Size and Forecast by Type with Growth Rate, 2017-2027

##### 1.5.4 Global Market Size and Forecast by End-Use with CAGR, 2017-2027

Table Global Market Size and Forecast by End-Use with Growth Rate, 2017-2027

### 2 GLOBAL PRODUCTION & CONSUMPTION BY GEOGRAPHY

#### 2.1 Global Production & Consumption

### 2.1.1 Global Production

Figure Global Production Amount Status and Growth Rate, 2017-2021, in Million USD

Table Global Production Amount Status and Growth Rate by Geography, 2017-2021, in Million USD

### 2.1.2 Global Consumption

Figure Global Market Amount and Growth Rate, 2017-2021, in Million USD

Table Global Market Amount and Growth Rate by Geography, 2017-2021, in Million USD

## 2.2 Geographic Production & Consumption

### 2.2.1 Production

#### 2.2.1.1 Asia-Pacific

Figure Asia-Pacific Production Amount Status and Growth Rate, 2017-2021, in Million USD

Table Asia-Pacific Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

#### 2.2.1.2 North America

Figure North America Production Amount Status and Growth Rate, 2017-2021, in Million USD

Table North America Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

#### 2.2.1.3 South America

Figure South America Production Amount Status and Growth Rate, 2017-2021, in Million USD

Table South America Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

#### 2.2.1.4 Europe

Figure Europe Production Amount Status and Growth Rate, 2017-2021, in Million USD

Table Europe Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

#### 2.2.1.5 Middle East & Africa

Figure Middle East & Africa Production Amount Status and Growth Rate, 2017-2021, in Million USD

Table Middle East & Africa Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

### 2.2.2 Consumption

#### 2.2.2.1 Asia-Pacific

Figure Asia-Pacific Market Amount and Growth Rate, 2017-2021, in Million USD

Table Asia-Pacific Market Amount and Growth Rate by Region, 2017-2021, in Million USD

#### 2.2.2.2 North America

Figure North America Market Amount and Growth Rate, 2017-2021, in Million USD

Table North America Market Amount and Growth Rate by Region, 2017-2021, in Million USD

#### 2.2.2.3 South America

Figure South America Market Amount and Growth Rate, 2017-2021, in Million USD

Table South America Market Amount and Growth Rate by Region, 2017-2021, in Million USD

#### 2.2.2.4 Europe

Figure Europe Market Amount and Growth Rate, 2017-2021, in Million USD

Table Europe Market Amount and Growth Rate by Region, 2017-2021, in Million USD

#### 2.2.2.5 Middle East & Africa

Figure Middle East & Africa Market Amount and Growth Rate, 2017-2021, in Million USD

Table Middle East & Africa Market Amount and Growth Rate by Region, 2017-2021, in Million USD

### **3 MAJOR MANUFACTURERS INTRODUCTION**

#### 3.1 Manufacturers Overview

Table Major Manufacturers Headquarters and Contact Information

Table Major Manufacturers Production Amount List in 2021

#### 3.2 Manufacturers List

##### 3.2.1 Cisco Systems Overview

Table Cisco Systems Overview List

##### 3.2.1.1 Product Specifications

##### 3.2.1.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table Connected Rail Solutions Business Operation of Cisco Systems (Production Amount (Million USD), Cost, Gross Margin)

##### 3.2.1.3 Recent Developments

##### 3.2.1.4 Future Strategic Planning

##### 3.2.2 Alstom Overview

Table Alstom Overview List

##### 3.2.2.1 Product Specifications

##### 3.2.2.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table Connected Rail Solutions Business Operation of Alstom (Production Amount (Million USD), Cost, Gross Margin)

##### 3.2.2.3 Recent Developments

##### 3.2.2.4 Future Strategic Planning

### 3.2.3 Siemens AG Overview

Table Siemens AG Overview List

#### 3.2.3.1 Product Specifications

#### 3.2.3.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table Connected Rail Solutions Business Operation of Siemens AG (Production Amount (Million USD), Cost, Gross Margin)

#### 3.2.3.3 Recent Developments

#### 3.2.3.4 Future Strategic Planning

### 3.2.4 Hitachi Overview

Table Hitachi Overview List

#### 3.2.4.1 Product Specifications

#### 3.2.4.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table Connected Rail Solutions Business Operation of Hitachi (Production Amount (Million USD), Cost, Gross Margin)

#### 3.2.4.3 Recent Developments

#### 3.2.4.4 Future Strategic Planning

### 3.2.5 IBM Corporation Overview

Table IBM Corporation Overview List

#### 3.2.5.1 Product Specifications

#### 3.2.5.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table Connected Rail Solutions Business Operation of IBM Corporation (Production Amount (Million USD), Cost, Gross Margin)

#### 3.2.5.3 Recent Developments

#### 3.2.5.4 Future Strategic Planning

### 3.2.6 Bombardier Overview

Table Bombardier Overview List

#### 3.2.6.1 Product Specifications

#### 3.2.6.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table Connected Rail Solutions Business Operation of Bombardier (Production Amount (Million USD), Cost, Gross Margin)

#### 3.2.6.3 Recent Developments

#### 3.2.6.4 Future Strategic Planning

### 3.2.7 Wabtec Corporation Overview

Table Wabtec Corporation Overview List

#### 3.2.7.1 Product Specifications

#### 3.2.7.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table Connected Rail Solutions Business Operation of Wabtec Corporation (Production Amount (Million USD), Cost, Gross Margin)

#### 3.2.7.3 Recent Developments

### 3.2.7.4 Future Strategic Planning

### 3.2.8 Trimble Overview

#### Table Trimble Overview List

#### 3.2.8.1 Product Specifications

#### 3.2.8.2 Business Data (Production Amount (Million USD), Cost, Margin)

#### Table Connected Rail Solutions Business Operation of Trimble (Production Amount (Million USD), Cost, Gross Margin)

#### 3.2.8.3 Recent Developments

#### 3.2.8.4 Future Strategic Planning

### 3.2.9 Robert Bosch Overview

#### Table Robert Bosch Overview List

#### 3.2.9.1 Product Specifications

#### 3.2.9.2 Business Data (Production Amount (Million USD), Cost, Margin)

#### Table Connected Rail Solutions Business Operation of Robert Bosch (Production Amount (Million USD), Cost, Gross Margin)

#### 3.2.9.3 Recent Developments

#### 3.2.9.4 Future Strategic Planning

### 3.2.10 Huawei Investment & Holding Overview

#### Table Huawei Investment & Holding Overview List

#### 3.2.10.1 Product Specifications

#### 3.2.10.2 Business Data (Production Amount (Million USD), Cost, Margin)

#### Table Connected Rail Solutions Business Operation of Huawei Investment & Holding (Production Amount (Million USD), Cost, Gross Margin)

#### 3.2.10.3 Recent Developments

#### 3.2.10.4 Future Strategic Planning

### 3.2.11 Calamp Corp Overview

#### Table Calamp Corp Overview List

#### 3.2.11.1 Product Specifications

#### 3.2.11.2 Business Data (Production Amount (Million USD), Cost, Margin)

#### Table Connected Rail Solutions Business Operation of Calamp Corp (Production Amount (Million USD), Cost, Gross Margin)

#### 3.2.11.3 Recent Developments

#### 3.2.11.4 Future Strategic Planning

## 4 MARKET COMPETITION PATTERN

### 4.1 Market Size and Sketch

Figure Global Market Size and Growth Rate, 2017-2021, in Million USD

Figure Global Competition Sketch Overview



## 4.2 Company Market Share

### 4.2.1 Global Production by Major Manufacturers

Table Global Production Amount List by Manufacturers, 2017-2021, in Million USD

Table Global Production Amount Share List by Manufacturers, 2017-2021, in Million USD

Figure Global Production Amount Share by Manufacturers in 2021, in Million USD

### 4.2.2 Market Concentration Analysis

## 4.3 Market News and Trend

### 4.3.1 Merger & Acquisition

### 4.3.2 New Product Launch

## 5 PRODUCT TYPE SEGMENT

### 5.1 Global Overview by Product Type Segment

Table Global Market Status and Growth Rate by Product Type Segment, 2017-2021, in Million USD

### 5.2 Segment Subdivision by Product Type

#### 5.2.1 Market in Positive Train Control (PTC)

##### 5.2.1.1 Market Size

Figure Global Market Amount and Growth Rate in Positive Train Control (PTC), 2017-2021, in USD Million

##### 5.2.1.2 Situation & Development

#### 5.2.2 Market in Communication/Computer-Based Train Control (CBTC)

##### 5.2.2.1 Market Size

Figure Global Market Amount and Growth Rate in Communication/Computer-Based Train Control (CBTC), 2017-2021, in USD Million

##### 5.2.2.2 Situation & Development

#### 5.2.3 Market in Automated/Integrated Train Control (ATC)

##### 5.2.3.1 Market Size

Figure Global Market Amount and Growth Rate in Automated/Integrated Train Control (ATC), 2017-2021, in USD Million

##### 5.2.3.2 Situation & Development

#### 5.2.4 Market in Others

##### 5.2.4.1 Market Size

Figure Global Market Amount and Growth Rate in Others, 2017-2021, in USD Million

##### 5.2.4.2 Situation & Development

## 6 END-USE SEGMENT

## 6.1 Global Overview by End-Use Segment

Table Global Market Status and Growth Rate by End-Use Segment, 2017-2021, in Million USD

## 6.2 Segment Subdivision

### 6.2.1 Market in Diesel Locomotive

#### 6.2.1.1 Market Size

Figure Global Market Amount and Growth Rate in Diesel Locomotive, 2017-2021, in USD Million

#### 6.2.1.2 Situation & Development

### 6.2.2 Market in Electric Locomotive

#### 6.2.2.1 Market Size

Figure Global Market Amount and Growth Rate in Electric Locomotive, 2017-2021, in USD Million

#### 6.2.2.2 Situation & Development

### 6.2.3 Market in DMU

#### 6.2.3.1 Market Size

Figure Global Market Amount and Growth Rate in DMU, 2017-2021, in USD Million

#### 6.2.3.2 Situation & Development

### 6.2.4 Market in EMU

#### 6.2.4.1 Market Size

Figure Global Market Amount and Growth Rate in EMU, 2017-2021, in USD Million

#### 6.2.4.2 Situation & Development

### 6.2.5 Market in Light Rail/Tram Car

#### 6.2.5.1 Market Size

Figure Global Market Amount and Growth Rate in Light Rail/Tram Car, 2017-2021, in USD Million

#### 6.2.5.2 Situation & Development

### 6.2.6 Market in Subway/Metro Vehicle

#### 6.2.6.1 Market Size

Figure Global Market Amount and Growth Rate in Subway/Metro Vehicle, 2017-2021, in USD Million

#### 6.2.6.2 Situation & Development

### 6.2.7 Market in Passenger Coach

#### 6.2.7.1 Market Size

Figure Global Market Amount and Growth Rate in Passenger Coach, 2017-2021, in USD Million

#### 6.2.7.2 Situation & Development

### 6.2.8 Market in Freight Wagon

#### 6.2.8.1 Market Size

Figure Global Market Amount and Growth Rate in Freight Wagon, 2017-2021, in USD Million

6.2.8.2 Situation & Development

6.2.9 Market in Others

6.2.9.1 Market Size

Figure Global Market Amount and Growth Rate in Others, 2017-2021, in USD Million

6.2.9.2 Situation & Development

## **7 MARKET FORECAST & TREND**

7.1 Regional Forecast

Table Global Market Forecast by Region Segment 2022-2027, in Million USD

7.2 Consumption Forecast

7.2.1 Product Type Forecast

Table Global Market Amount by Product Type Segment 2022-2027, in Million USD

7.2.2 End-Use Forecast

Table Global Market Amount by End-Use Segment 2022-2027, in Million USD

7.3 Investment Trend

7.4 Consumption Trend

## **8 PRICE & CHANNEL**

8.1 Price and Cost

8.1.1 Price

8.1.2 Cost

Figure Cost Component Ratio

8.2 Channel Segment

## **9 MARKET DRIVERS & INVESTMENT ENVIRONMENT**

9.1 Market Drivers

9.2 Investment Environment

9.3 Impact of Coronavirus on the Connected Rail Solutions Industry

9.3.1 Impact on Industry Upstream

9.3.2 Impact on Industry Downstream

9.3.3 Impact on Industry Channels

9.3.4 Impact on Industry Competition

9.3.5 Impact on Industry Employment

## 10 RESEARCH CONCLUSION

## List Of Tables

### LIST OF TABLES

Table Global Market Size and Forecast by Geography with Growth Rate, 2017-2027

Table Global Market Size and Forecast by Type with Growth Rate, 2017-2027

Table Global Market Size and Forecast by End-Use with Growth Rate, 2017-2027

Table Global Production Amount Status and Growth Rate by Geography, 2017-2021, in Million USD

Table Global Market Amount and Growth Rate by Geography, 2017-2021, in Million USD

Table Asia-Pacific Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

Table North America Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

Table South America Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

Table Europe Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

Table Middle East & Africa Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

Table Asia-Pacific Market Amount and Growth Rate by Region, 2017-2021, in Million USD

Table North America Market Amount and Growth Rate by Region, 2017-2021, in Million USD

Table South America Market Amount and Growth Rate by Region, 2017-2021, in Million USD

Table Europe Market Amount and Growth Rate by Region, 2017-2021, in Million USD

Table Middle East & Africa Market Amount and Growth Rate by Region, 2017-2021, in Million USD

Table Major Manufacturers Headquarters and Contact Information

Table Major Manufacturers Production Amount List in 2021

Table Cisco Systems Overview List

Table Connected Rail Solutions Business Operation of Cisco Systems (Production Amount (Million USD), Cost, Gross Margin)

Table Alstom Overview List

Table Connected Rail Solutions Business Operation of Alstom (Production Amount (Million USD), Cost, Gross Margin)

Table Siemens AG Overview List

Table Connected Rail Solutions Business Operation of Siemens AG (Production

Amount (Million USD), Cost, Gross Margin)

Table Hitachi Overview List

Table Connected Rail Solutions Business Operation of Hitachi (Production Amount (Million USD), Cost, Gross Margin)

Table IBM Corporation Overview List

Table Connected Rail Solutions Business Operation of IBM Corporation (Production Amount (Million USD), Cost, Gross Margin)

Table Bombardier Overview List

Table Connected Rail Solutions Business Operation of Bombardier (Production Amount (Million USD), Cost, Gross Margin)

Table Wabtec Corporation Overview List

Table Connected Rail Solutions Business Operation of Wabtec Corporation (Production Amount (Million USD), Cost, Gross Margin)

Table Trimble Overview List

Table Connected Rail Solutions Business Operation of Trimble (Production Amount (Million USD), Cost, Gross Margin)

Table Robert Bosch Overview List

Table Connected Rail Solutions Business Operation of Robert Bosch (Production Amount (Million USD), Cost, Gross Margin)

Table Huawei Investment & Holding Overview List

Table Connected Rail Solutions Business Operation of Huawei Investment & Holding (Production Amount (Million USD), Cost, Gross Margin)

Table Calamp Corp Overview List

Table Connected Rail Solutions Business Operation of Calamp Corp (Production Amount (Million USD), Cost, Gross Margin)

Table Global Production Amount List by Manufacturers, 2017-2021, in Million USD

Table Global Production Amount Share List by Manufacturers, 2017-2021, in Million USD

Table Global Market Status and Growth Rate by Product Type Segment, 2017-2021, in Million USD

Table Global Market Status and Growth Rate by End-Use Segment, 2017-2021, in Million USD

Table Global Market Forecast by Region Segment 2022-2027, in Million USD

Table Global Market Amount by Product Type Segment 2022-2027, in Million USD

Table Global Market Amount by End-Use Segment 2022-2027, in Million USD

## List Of Figures

### LIST OF FIGURES

Figure Connected Rail Solutions Picture List

Figure Global Market Size and Forecast with Growth Rate, 2017-2027

Figure Global Production Amount Status and Growth Rate, 2017-2021, in Million USD

Figure Global Market Amount and Growth Rate, 2017-2021, in Million USD

Figure Asia-Pacific Production Amount Status and Growth Rate, 2017-2021, in Million USD

Figure North America Production Amount Status and Growth Rate, 2017-2021, in Million USD

Figure South America Production Amount Status and Growth Rate, 2017-2021, in Million USD

Figure Europe Production Amount Status and Growth Rate, 2017-2021, in Million USD

Figure Middle East & Africa Production Amount Status and Growth Rate, 2017-2021, in Million USD

Figure Asia-Pacific Market Amount and Growth Rate, 2017-2021, in Million USD

Figure North America Market Amount and Growth Rate, 2017-2021, in Million USD

Figure South America Market Amount and Growth Rate, 2017-2021, in Million USD

Figure Europe Market Amount and Growth Rate, 2017-2021, in Million USD

Figure Middle East & Africa Market Amount and Growth Rate, 2017-2021, in Million USD

Figure Global Market Size and Growth Rate, 2017-2021, in Million USD

Figure Global Competition Sketch Overview

Figure Global Production Amount Share by Manufacturers in 2021, in Million USD

Figure Global Market Amount and Growth Rate in Positive Train Control (PTC), 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Communication/Computer-Based Train Control (CBTC), 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Automated/Integrated Train Control (ATC), 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Others, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Diesel Locomotive, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Electric Locomotive, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in DMU, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in EMU, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Light Rail/Tram Car, 2017-2021, in

USD Million

Figure Global Market Amount and Growth Rate in Subway/Metro Vehicle, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Passenger Coach, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Freight Wagon, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Others, 2017-2021, in USD Million

Figure Cost Component Ratio



## I would like to order

Product name: Connected Rail Solutions Market Research: Global Status & Forecast by Geography, Type & Application (2017-2027)

Product link: <https://marketpublishers.com/r/C98D20BB6B9EN.html>

Price: US\$ 2,280.00 (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/C98D20BB6B9EN.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

