

Connected Rail Solution Market Report: Trends, Forecast and Competitive Analysis to 2030

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Abstracts

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Connected Rail Solution Trends and Forecast

The future of the global connected rail solution market looks promising with opportunities in the diesel locomotive, electric locomotive, DMU, EMU, light rail/tram car, subway/metro vehicle, passenger coach, and freight wagon markets. The global connected rail solution market is expected to grow with a CAGR of 5.8% from 2024 to 2030. The major drivers for this market are increasing integration of IOT in the railway industry, rising need for safety and compliance in rail transit, and growing implementation of automated fare collection system.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

Connected Rail Solution by Segment

The study includes a forecast for the global connected rail solution by service, rolling stock, safety & signaling system, and region.

Connected Rail Solution Market by Service [Shipment Analysis by Value from 2018 to 2030]:

Passenger Mobility And Services

Passenger Information System

Train Tracking & Monitoring Solutions

Automated Fare Collection System

IP Video Surveillance

Predictive Maintenance

Freight Management System

Others

Connected Rail Solution Market by Rolling Stock [Shipment Analysis by Value from 2018 to 2030]:

Diesel Locomotive

Electric Locomotive

DMU

EMU

Light Rail/Tram Car

Subway/Metro Vehicle

Passenger Coach

Freight Wagon

Connected Rail Solution Market by Safety & Signaling System [Shipment Analysis by Value from 2018 to 2030]:

Positive Train Control (PTC)

Communication/Computer-Based Train Control (CBTC)

Automated/Integrated Train Control (ATC)

Connected Rail Solution Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Connected Rail Solution Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies connected rail solution companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the connected rail solution companies profiled in this report include-

Robert Bosch

Siemens

Hitachi

Huawei

Wabtec

Connected Rail Solution Market Insights

Lucintel forecasts that passenger information system is expected to witness the highest growth over the forecast period due to rising efforts in improving passenger experience.

Within this market, freight wagon will remain the largest segment due to its low cost.

North America is expected to witness highest growth over the forecast period due to growth in the adoption of advanced technologies in the region.

Features of the Global Connected Rail Solution Market

Market Size Estimates: Connected rail solution market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: Connected rail solution market size by service, rolling stock, safety & signaling system, and region in terms of value (\$B).

Regional Analysis: Connected rail solution market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different services, rolling stocks, safety & signaling systems, and regions for the connected rail solution market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the connected rail solution market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the growth forecast for connected rail solution market?

Answer: The global connected rail solution market is expected to grow with a CAGR of 5.8% from 2024 to 2030.

Q2. What are the major drivers influencing the growth of the connected rail solution

market?

Answer: The major drivers for this market are increasing integration of IOT in the railway industry, rising need for safety and compliance in rail transit, and growing implementation of automated fare collection system.

Q3. What are the major segments for connected rail solution market?

Answer: The future of the connected rail solution market looks promising with opportunities in the diesel locomotive, electric locomotive, DMU, emu, light rail/tram car, subway/metro vehicle, passenger coach, and freight wagon markets.

Q4. Who are the key connected rail solution market companies?

Answer: Some of the key connected rail solution companies are as follows:

Robert Bosch

Siemens

Hitachi

Huawei

Wabtec

Q5. Which connected rail solution market segment will be the largest in future?

Answer: Lucintel forecasts that passenger information system is expected to witness the highest growth over the forecast period due to rising efforts in improving passenger experience.

Q6. In connected rail solution market, which region is expected to be the largest in next 5 years?

Answer: North America is expected to witness highest growth over the forecast period due to growth in the adoption of advanced technologies in the region.

Q.7 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the connected rail solution market by service (passenger mobility and services, passenger information system, train tracking & monitoring solutions, automated fare collection system, and IP video surveillance, predictive maintenance, freight management system, and others), rolling stock (diesel locomotive, electric locomotive, DMU, EMU, light rail/tram car, subway/metro vehicle, passenger coach, and freight wagon), safety & signaling system (positive train control (PTC), communication/computer-based train control (CBTC), and automated/integrated train control (ATC)), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been

on the industry?

For any questions related to Connected Rail Solution Market, Connected Rail Solution Market Size, Connected Rail Solution Market Growth, Connected Rail Solution Market Analysis, Connected Rail Solution Market Report, Connected Rail Solution Market Share, Connected Rail Solution Market Trends, Connected Rail Solution Market Forecast, Connected Rail Solution Companies, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

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