+44 20 8123 2220
info@marketpublishers.com

Global Train Dispatching Market Size study & Forecast, by Offering (Solutions, Services), by Application (Dispatch Unit Management, Reporting & Analysis, Call Management, Others), by Deployment Model (Cloud-based, On-premise), by Railroad type (Dedicated Freight Railroads, Dedicated Passenger Railroads, Mixed Railroads, Regional & Shortlines) and Regional Analysis, 2023-2030

https://marketpublishers.com/r/G6468801D2D4EN.html
Date: October 2023
Pages: 200
Price: US$ 4,950.00 (Single User License)
ID: G6468801D2D4EN

Abstracts

Global Train Dispatching Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. Train dispatching is a critical process in the efficient and safe operation of a railway network. It involves the coordination and control of train movements, ensuring that trains operate on their scheduled routes while maintaining a safe distance between them. The primary goal of train dispatching is to optimize the use of railway infrastructure, minimizing delays, and maximizing capacity. The key factor driving the market growth is increasing demand for efficient rail operations, growing investments for public safety in smart city projects, rising digitalization of railways, and growing adoption of cloud-based solutions in railways that are anticipated to support the market growth during the forecast period 2023-2030.

Moreover, Digitalization in railways has enabled the implementation of advanced train dispatching systems, which rely on real-time data and analytics. These systems can optimize train schedules, reduce downtime, and minimize delays, leading to improved efficiency. Additionally, digital train dispatching can enhance safety by providing better monitoring of train movements and implementing automated safety protocols. For

+44 20 8123 2220
info@marketpublishers.com

instance, in Oct. 2021, Deutsche Bahn (DB) and Siemens Mobility (a branch of Siemens) developed the world's first autonomous train as part of the Digital S-Bahn Hamburg project, which is totally automated and controlled by digital technology and requires no human intervention. Also, in Dec. 2021, Siemens collaborated with VGF (Germany) to develop the Digital Train Control System. This technology is slated to replace the traditional train control system which is use in metro and tram networks. This technology was developed to improve the capacity and efficiency of railway tracks, particularly in underground parts. Additionally, globalization and the need for advanced transportation infrastructure and integration of artificial intelligence and machine learning technologies are anticipated to create the lucrative opportunities for the market during the forecast period 2023-2030. However, the lack of infrastructure for train dispatching systems in railways stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Train Dispatching Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the increase in urban mobility, growing concerns over traffic congestion, and advancements in railway technologies. Whereas, the Asia Pacific is expected to grow with the highest CAGR during the forecast period, owing to factors such as the growing need for robust infrastructure for transportation management, digitalization of rail routes, smart city projects and government initiatives, and major investments by public and private sectors.

Major market player included in this report are:

Hitachi Rail Ltd. (Italy)

Siemens AG (Germany)

Motorola Solutions Inc. (US)

Alstom SA (France)

Wabtec Corporation (US)

Thales Group

Hexagon AB

+44 20 8123 2220
info@marketpublishers.com

Tracsis PLC

Mitsubishi Heavy Industries Ltd.

Toshiba Electronics

Recent Developments in the Market:

In September 2022, Knorr-Bremse stated innovative connected solutions to boost the transport capacity of the current rail infrastructure at InnoTrans 2022 in Germany. The company has revealed a digital goods train that is intended to improve train dispatching and vehicle availability. Power and communication connections are also available throughout the train, as well as autonomous mechanical/pneumatic coupling and decoupling of railcars.

Global Train Dispatching Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Offering, Application, Deployment Model, Railroad type, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in

+44 20 8123 2220
info@marketpublishers.com

recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Offering:

Solutions

Services

By Application:

Dispatch Unit Management

Reporting & Analysis

Call Management

Others

By Deployment Model:

Cloud-based

On-premise

By Railroad type:

Dedicated Freight Railroads

Dedicated Passenger Railroads

Mixed Railroads

+44 20 8123 2220
info@marketpublishers.com

Regional & Shortlines

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

+44 20 8123 2220
info@marketpublishers.com

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

+44 20 8123 2220
info@marketpublishers.com

Contents

CHAPTER 1. EXECUTIVE SUMMARY

1.1. Market Snapshot
1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
  1.2.1. Train Dispatching Market, by Region, 2020-2030 (USD Billion)
  1.2.2. Train Dispatching Market, by Offering, 2020-2030 (USD Billion)
  1.2.3. Train Dispatching Market, by Application, 2020-2030 (USD Billion)
  1.2.4. Train Dispatching Market, by Deployment Model, 2020-2030 (USD Billion)
  1.2.5. Train Dispatching Market, by Railroad type, 2020-2030 (USD Billion)
1.3. Key Trends
1.4. Estimation Methodology
1.5. Research Assumption

CHAPTER 2. GLOBAL TRAIN DISPATCHING MARKET DEFINITION AND SCOPE

2.1. Objective of the Study
2.2. Market Definition & Scope
  2.2.1. Industry Evolution
  2.2.2. Scope of the Study
2.3. Years Considered for the Study
2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL TRAIN DISPATCHING MARKET DYNAMICS

3.1. Train Dispatching Market Impact Analysis (2020-2030)
  3.1.1. Market Drivers
    3.1.1.1. Increasing demand for efficient rail operations
    3.1.1.2. Growing investments for public safety in smart city projects
    3.1.1.3. Rising digitalization of railways
  3.1.2. Market Challenges
    3.1.2.1. Lack of infrastructure for train dispatching systems in railways
  3.1.3. Market Opportunities
    3.1.3.1. Integration of artificial intelligence and machine learning technologies

CHAPTER 4. GLOBAL TRAIN DISPATCHING MARKET INDUSTRY ANALYSIS

4.1. Porter’s 5 Force Model

+44 20 8123 2220
info@marketpublishers.com

4.1.1. Bargaining Power of Suppliers
4.1.2. Bargaining Power of Buyers
4.1.3. Threat of New Entrants
4.1.4. Threat of Substitutes
4.1.5. Competitive Rivalry
4.2. Porter’s 5 Force Impact Analysis
4.3. PEST Analysis
4.3.1. Political
4.3.2. Economical
4.3.3. Social
4.3.4. Technological
4.3.5. Environmental
4.3.6. Legal
4.4. Top investment opportunity
4.5. Top winning strategies
4.6. COVID-19 Impact Analysis
4.7. Disruptive Trends
4.8. Industry Expert Perspective
4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL TRAIN DISPATCHING MARKET, BY OFFERING

5.1. Market Snapshot
5.2. Global Train Dispatching Market by Offering, Performance - Potential Analysis
5.3. Global Train Dispatching Market Estimates & Forecasts by Offering 2020-2030 (USD Billion)
5.4. Train Dispatching Market, Sub Segment Analysis
5.4.1. Solutions
5.4.2. Services

CHAPTER 6. GLOBAL TRAIN DISPATCHING MARKET, BY APPLICATION

6.1. Market Snapshot
6.2. Global Train Dispatching Market by Application, Performance - Potential Analysis
6.3. Global Train Dispatching Market Estimates & Forecasts by Application 2020-2030 (USD Billion)
6.4. Train Dispatching Market, Sub Segment Analysis
6.4.1. Dispatch Unit Management
6.4.2. Reporting & Analysis

+44 20 8123 2220
info@marketpublishers.com

6.4.3. Call Management
6.4.4. Others

CHAPTER 7. GLOBAL TRAIN DISPATCHING MARKET, BY DEPLOYMENT MODEL

7.1. Market Snapshot
7.2. Global Train Dispatching Market by Deployment Model, Performance - Potential Analysis
7.3. Global Train Dispatching Market Estimates & Forecasts by Deployment Model 2020-2030 (USD Billion)
7.4. Train Dispatching Market, Sub Segment Analysis
7.4.1. Cloud-based
7.4.2. On-premise

CHAPTER 8. GLOBAL TRAIN DISPATCHING MARKET, BY RAILROAD TYPE

8.1. Market Snapshot
8.2. Global Train Dispatching Market by Railroad type, Performance - Potential Analysis
8.3. Global Train Dispatching Market Estimates & Forecasts by Railroad type 2020-2030 (USD Billion)
8.4. Train Dispatching Market, Sub Segment Analysis
8.4.1. Dedicated Freight Railroads
8.4.2. Dedicated Passenger Railroads
8.4.3. Mixed Railroads
8.4.4. Regional & Shortlines

CHAPTER 9. GLOBAL TRAIN DISPATCHING MARKET, REGIONAL ANALYSIS

9.1. Top Leading Countries
9.2. Top Emerging Countries
9.3. Train Dispatching Market, Regional Market Snapshot
9.4. North America Train Dispatching Market
9.4.1. U.S. Train Dispatching Market
9.4.1.1. Offering breakdown estimates & forecasts, 2020-2030
9.4.1.2. Application breakdown estimates & forecasts, 2020-2030
9.4.1.3. Deployment Model breakdown estimates & forecasts, 2020-2030
9.4.1.4. Railroad type breakdown estimates & forecasts, 2020-2030
9.4.2. Canada Train Dispatching Market
9.5. Europe Train Dispatching Market Snapshot

+44 20 8123 2220
info@marketpublishers.com

9.5.1. U.K. Train Dispatching Market
9.5.2. Germany Train Dispatching Market
9.5.3. France Train Dispatching Market
9.5.4. Spain Train Dispatching Market
9.5.5. Italy Train Dispatching Market
9.5.6. Rest of Europe Train Dispatching Market
9.6. Asia-Pacific Train Dispatching Market Snapshot
9.6.1. China Train Dispatching Market
9.6.2. India Train Dispatching Market
9.6.3. Japan Train Dispatching Market
9.6.4. Australia Train Dispatching Market
9.6.5. South Korea Train Dispatching Market
9.6.6. Rest of Asia Pacific Train Dispatching Market
9.7. Latin America Train Dispatching Market Snapshot
9.7.1. Brazil Train Dispatching Market
9.7.2. Mexico Train Dispatching Market
9.8. Middle East & Africa Train Dispatching Market
9.8.1. Saudi Arabia Train Dispatching Market
9.8.2. South Africa Train Dispatching Market
9.8.3. Rest of Middle East & Africa Train Dispatching Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

10.1. Key Company SWOT Analysis
10.1.1. Company
10.1.2. Company
10.1.3. Company
10.2. Top Market Strategies
10.3. Company Profiles
10.3.1. Hitachi Rail Ltd. (Italy)
10.3.1.1. Key Information
10.3.1.2. Overview
10.3.1.3. Financial (Subject to Data Availability)
10.3.1.4. Product Summary
10.3.1.5. Recent Developments
10.3.2. Siemens AG (Germany)
10.3.3. Motorola Solutions Inc. (US)
10.3.4. Alstom SA (France)
10.3.5. Wabtec Corporation (US)

+44 20 8123 2220
info@marketpublishers.com

10.3.6. Thales Group
10.3.7. Hexagon AB
10.3.8. Tracsis PLC
10.3.9. Mitsubishi Heavy Industries Ltd.
10.3.10. Toshiba Electronics

CHAPTER 11. RESEARCH PROCESS

11.1. Research Process
11.1.1. Data Mining
11.1.2. Analysis
11.1.3. Market Estimation
11.1.4. Validation
11.1.5. Publishing
11.2. Research Attributes
11.3. Research Assumption

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Global Train Dispatching Market Size study & Forecast, by Offering (Solutions, Services), by Application (Dispatch Unit Management, Reporting & Analysis, Call Management, Others), by Deployment Model (Cloud-based, On-premise), by Railroad type (Dedicated Freight Railroads, Dedicated Passenger Railroads, Mixed Railroads, Regional & Shortlines) and Regional Analysis, 2023-2030

Product link: https://marketpublishers.com/r/G6468801D2D4EN.html

Price: US$ 4,950.00 (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/G6468801D2D4EN.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

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

+44 20 8123 2220
info@marketpublishers.com

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