

Global Rail Digitalization Market 2025 by Company, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G5DE86176943EN.html>

Date: July 2025

Pages: 175

Price: US\$ 3,480.00 (Single User License)

ID: G5DE86176943EN

Abstracts

According to our (Global Info Research) latest study, the global Rail Digitalization market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

The rail industry plans to transform rail network by the strategic deployment of modern train control and signalling technology. They aim for an increase in overall capacity, enhanced safety and a reduction in delays. This would ultimately drive down their operating costs, and benefit both passengers and business users.

According to the data of China Association of Metros, by the end of 2022, 55 cities in mainland China have opened urban rail transit and 308 operating lines. The total length of operating lines is 10287.45 km, ranking first in the world and accounting for 26.2% of the total global mileage. 1080.63 km of new operating lines were added in 2022. By the end of 2022, 545 cities in 78 countries and regions will have opened urban rail transit, with more than 41,386.12 km of operational mileage. Compared to 2021, the total mileage of urban rail transit worldwide would increase by 4,531.92 km, an increase of 11.0%, of which 1,293.45 km of subway mileage, 788.11 km of light rail mileage and 2,450.36 km of tram mileage would increase, accounting for 28.5%, 17.4% and 54.1% of the total increase respectively.

This report is a detailed and comprehensive analysis for global Rail Digitalization market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some

of the selected leaders for the year 2025, are provided.

Key Features:

Global Rail Digitalization market size and forecasts, in consumption value (\$ Million), 2020-2031

Global Rail Digitalization market size and forecasts by region and country, in consumption value (\$ Million), 2020-2031

Global Rail Digitalization market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2020-2031

Global Rail Digitalization market shares of main players, in revenue (\$ Million), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Rail Digitalization

To forecast future growth in each product and end-use market

To forecast future factors affecting the marketplace

This report profiles key players in the global Rail Digitalization market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Siemens, Cisco, Hitachi, Wabtec, Alstom, IBM, ABB, Huawei, Thales, Fujitsu, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market segmentation

Rail Digitalization market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Remote Monitoring

Route Optimization And Scheduling

Analytics

Network Management

Predictive Maintenance

Security

Other

Market segment by Application

Rail Operations Management

Passenger Information System

Asset Management

Other

Market segment by players, this report covers

Siemens

Cisco

Hitachi

Wabtec

Alstom

IBM

ABB

Huawei

Thales

Fujitsu

DXC

Indra

Nokia

Atkins

Toshiba

Bombardier

ZEDAS

r2p

Simpleway

Tego

Assetic

OXplus

Passio Technologies

Delphisonic

Uptake

KONUX

Machines With Vision

Market segment by regions, regional analysis covers
North America (United States, Canada and Mexico)
Europe (Germany, France, UK, Russia, Italy and Rest of Europe)
Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)
South America (Brazil, Rest of South America)
Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Rail Digitalization product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Rail Digitalization, with revenue, gross margin, and global market share of Rail Digitalization from 2020 to 2025.

Chapter 3, the Rail Digitalization competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and by Application, with consumption value and growth rate by Type, by Application, from 2020 to 2031

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2020 to 2025. and Rail Digitalization market forecast, by regions, by Type and by Application, with consumption value, from 2026 to 2031.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Rail Digitalization.

Chapter 13, to describe Rail Digitalization research findings and conclusion.

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