

Global Autonomous Train Market Size study, by Automation Grade (GoA 1, GoA 2, GoA 3 and GoA 4), by Application (Passenger and Freight), by Technology (CBTC, ERTMS, ATC and PTC), and Regional Forecasts 2021-2027

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Abstracts

Global Autonomous Train Market is valued approximately at USD XX Million in 2020 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2021-2027. Autonomous trains, are driverless trains that are monitored from the control station. Growing traffic congestion around the world, growing pollution level and rise in budget allocation for rail transport are fueling demand for autonomous train. According to Centre for Science and Environment, Chikkaballapur in southern Karnataka witnessed 3.9 per cent increase from 2019 pollution level as compared to 2020. Furthermore, growing government investment and research and development activities are expected to create demand in the market. In 2018, Singapore Land Transport Authority (LTA) purchased 66 six-car train-sets from Bombardier for its North-South and East-West lines. Also, in 2021, Siemens Mobility was awarded a contract to design, install, and commission the first Communications-Based Train Control (CBTC) technology for cross-border link trains between Malaysia and Singapore. However, high cost of train automation and high possibilities of hacking are poised to hinder the growth during forecast period.

Asia Pacific is leading the global market in terms of revenue among Asia Pacific, North America, Europe, Latin America, and Rest of the World, and is also expected to witness highest growth rate during forecast period. Growing infrastructural development and rising government funding in transportation sector are creating lucrative demand in Asia Pacific market.

Major market player included in this report are:

Alstom S.A.
ABB Group
Bombardier Transportation
CRRC Transportation
General Electric
Hitachi Ltd.
Kawasaki Heavy Industries
Mitsubishi Heavy Industries
Siemens AG
Thales Group

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available 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 Automation Grade:

GoA 1
GoA 2
GoA 3
GoA 4

By Application:

Passenger
Freight

By Technology:

CBTC
ERTMS
ATC
PTC

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027.

Target Audience of the Global Autonomous Train Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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