

# Autonomous train - Global Market Outlook (2017-2026)

<https://marketpublishers.com/r/ACD4690D446EN.html>

Date: May 2018

Pages: 184

Price: US\$ 4,150.00 (Single User License)

ID: ACD4690D446EN

## Abstracts

According to Statistics MRC, the Global Autonomous Train Market is projected to grow at a CAGR of 5.2% during the forecast period 2017 to 2026. Factors elevating the market growth are growing demand for safety, security, and efficient transport, government support for implanting automation in the trains are fuelling market growth. However, lack of developed infrastructure and high cost of train automation are hindering the market growth. Moreover, growth of autonomous freight trains and low energy consumption and operational expenses provides an ample opportunity for market growth.

Based on automation, in GOA 4 segment is dominated due to various ongoing/upcoming projects are driving the market. GoA 4 is unattended train operation (UTO) used in starting and stopping, operation of doors and handling of emergencies are fully automated without any staff. They are having an overall signaling system with the necessary connections, automatic train supervision, track vacancy detection and communication functions. The government provides a budget allocation for infrastructure development and deployment of driverless trains.

Based on component, passenger segment is expected to grow owing to rising road traffic congestion and growing number of rail accidents across the globe has raised safety concerns are fuelling the market growth.

Asia Pacific is Region is anticipated to be the largest growing market due to growing infrastructural development, rise in government spending on the transportation sector, increasing awareness about the technologies and ongoing/upcoming projects in various countries are fuelling the market in this region.

Some of the key players in Global Autonomous Train market are ABB, Siemens, Intesens, Hitachi, Transmashholding, CRRC, CalAmp, Hollysys, Deuta, Beijing Traffic

Control Technology, Wabtec Corporation, Ingeteam, Mitsubishi Heavy Industries, General Electric, Alstom and Tech Mahindra Ltd.

Technologies Covered:

Positive Train Control (PTC)

Communication Based Train Control (CBTC)

Automatic Train Control (ATC)

European Railway Traffic Management System (ERTMS)

Automations Covered:

GOA 1

GOA 2

GOA 3

GOA 4

Components Covered:

Doppler

Camera

Antenna

Tachometer

Radio Set

Accelerometer

Radar

Sensor

Other Components

Types Covered:

Light Rail

Metro/Monorail

High-Speed Rail/Bullet Train

Applications Covered:

Freight

Passenger

Mining

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

#### Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

#### South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

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