

# The Rise of Autonomous Train Technology Market: A USD 15.57 billion Industry Dominated by Alstom S.A., ABB, Hitachi Ltd.

*Surge in requirement for affordable & secured transport system and decline in number of accident cases and pollution drive the growth of market.*

OREGON, DE, UNITED STATES, March 10, 2025 /EINPresswire.com/ -- According to a recent report published by Allied Market Research, titled, "[Autonomous Train Technology Market](#) by Grade of Automation, Train Type, Technology and Component: Global Opportunity Analysis and Industry Forecast, 2019-2026" the global autonomous train technology market was valued at \$5.88 billion in 2018, and is projected to reach \$15.57 billion by 2026, registering a CAGR of 12.9% from 2019 to 2026.

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Autonomous railway infrastructure within a country increases the speed and efficiency of the railway systems for freight and passenger transportation. Also, the implementation of the autonomous train needs to be backed up by a large investment. The governments of the developing countries are investing more and more to meet the latest technology setup required for autonomous train. For instance, India invested \$1.97 billion in the year 2018 towards its infrastructure development to meet the latest automation demand and will be investing \$777.73 billion till the year 2022 to meet the required infrastructure demand which includes railway infrastructure development. This makes way for the numerous opportunities for train automation players operating in the country. Similarly, Paris has also allocated \$28.2 billion to automate its old metro network with the construction of four new metro lines across Paris and expanding the existing lines. Hence, such improvements in developing countries creates autonomous train technology market opportunity.

With the implementation of automation in trains, the capacity of the trains is increased with higher operational shift and train frequencies. Also, the turn-around time for the trains can be reduced at the terminus and new or additional trains can be introduced at routes having traffic congestion or at peak times. Moreover, the removal of driver cabins gives extra physical space to the passengers resulting in the rise in GRADE OF AUTOMATION to about 6%. Further, the reliability of driverless trains is much higher as compared to traditional trains as the chances for human errors are reduced to a larger extent owing to the automation technology which is driving the [growth of the autonomous train technology market analysis](#).



Asia-Pacific is anticipated to exhibit the highest CAGR during the autonomous train technology market forecast period.

Middle East leads the market in the LAMEA region.

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