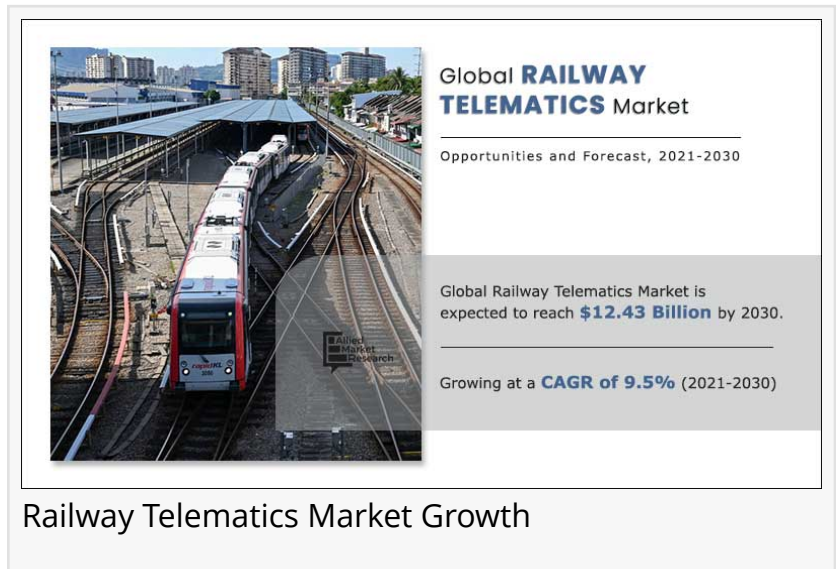


# Smart Rail Revolution: Railway Telematics Market to Reach \$12.43 Billion by 2030

WILMINGTON, NEW CASTLE, DE, UNITED STATES, February 19, 2025 /EINPresswire.com/ -- According to a recent report published by Allied Market Research, titled, "Railway Telematics Market by Solution, Mode of Operation and Train Type: Global Opportunity Analysis and Industry Forecast, 2021–2030," the [global railway telematics market size](#) was valued at \$4.98 billion in 2020, and is projected to reach \$12.43 billion by 2030, registering a CAGR of 9.5% from 2021 to 2030..



The infographic features a photograph of a modern high-speed train at a station platform. To the right of the image, the text reads: "Global RAILWAY TELEMATICS Market Opportunities and Forecast, 2021-2030". Below this, it states: "Global Railway Telematics Market is expected to reach **\$12.43 Billion** by 2030." and "Growing at a **CAGR of 9.5%** (2021-2030)". At the bottom of the infographic, it says "Railway Telematics Market Growth".

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Railway telematics is the combination of numerous components such as sensors, GPS & navigation system, LiDAR, RADAR and several components which are helpful in safer and smoother propulsion of the train. With the advancement in technology followed by the development of railway infrastructure, the need for the installation of several devices aroused which has the potential to provide real-time information of the train in all conditions.

Factors such as increase in allocation of budget for development of railways, rise in demand for secure, safer & efficient transport system and reduction in pollution & accidents supplements the growth of the market across the globe. However, high possibilities of hacking the system and high cost incurred in train automation are the factors that are expected to hamper the growth of the market across the globe. Moreover, factors such as improvement in railway infrastructure in developing countries and increase in freight transport through train are the factors that are expected to provide numerous opportunities for the growth of railway telematics market across the globe.

In addition, numerous developments have been carried out by key manufacturers such as Alstom, Siemens AG, ORBCOMM, Railnova and others toward the introduction of advanced

telematics devices, which has supplemented [the growth of the global railway telematics market](#). In line with the same, the increased railway budget towards infrastructure development coupled with the need for modernization and introduction of autonomous trains is acting as a booster for the growth of the global market.

The global railway telematics market is analyzed across solution, mode of operation, train type, and region. Based on solution, the fleet management segment accounted for more than two-fifths of the total market share in 2020, and is expected to dominate by the end of 2030. The collision detection & prevention segment, on the other hand, would cite the fastest CAGR of 12.0% during the forecast period.

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Based on mode of operation, the semi-autonomous segment held more than two-fifths of the total market revenue in 2020, and is anticipated to lead the trail by 2030. The fully-autonomous segment, however, would manifest the fastest CAGR of 10.8% from 2021 to 2030.

Based on region, Europe garnered the major share in 2020, holding more than half of the global railway telematics market. However, the market across [LAMEA would manifest the fastest CAGR](#) of 13.20% throughout the forecast period. The other provinces studied in the report include North America and Asia-Pacific.

For more information, visit our website: <https://www.alliedmarketresearch.com/purchase-enquiry/A12206>

Key players:

Alstom,  
Hitachi Ltd.,  
Intermodal Telematics,  
Intrex Telematics,  
ORBCOMM,  
Railnova,  
Robert Bosch GmbH,  
Savvy Telematics,  
Siemens AG  
Trinity Industries.

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Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various companies and this helps us in digging out market data that helps us generate accurate research data tables and confirms utmost accuracy in our market forecasting. Each and every data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the industry.

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