

The Railway Signaling System Market Share Expected to Reach USD 21.7 Billion Globally by 2031

Growth in demand for safety and compliance in rail transit, and increase in demand for passenger & freight capacity are factors propel the market growth.

WILMINGTON, DE, UNITED STATES,
December 19, 2024 /
EINPresswire.com/ -- According to the
report published by Allied Market
Research, The Railway Signaling System
Market Share Expected to Reach USD
21.7 Billion Globally by 2031. The
report provides an extensive analysis



of changing market dynamics, major segments, value chain, competitive scenario, and regional landscape. This research offers valuable able guidance to leading players, investors, shareholders, and startups in devising strategies for sustainable growth and gaining a competitive edge in the market.

The global railway signaling system market was valued at \$12.8 billion in 2021, and is projected to reach \$21.7 billion by 2031, growing at a CAGR of 5.5% from 2022 to 2031.

Increase in government spending on railway projects, surge in demand for safety and compliance in rail transit, increase in demand for passenger & freight capacity, adoption of autonomous trains, and technological advancements in signaling systems drive the growth of the global railway signaling system market. However, lack of skilled staff in developing countries and lack of technology infrastructure in developing countries hinder the growth of the market On the other hand, development of train signaling systems that offer enhanced service to mass transit passengers in terms of safety, comfort, reliability and dependability create ample opportunities for the industry.

The rail signaling system market is segmented on the basis of offering, technology, end use, and region. By offering, it is segmented into solution and services. By technology, it is classified into positive train control system, communication-based train control system, European train control system, and others. By end use, it is categorized into mainline, urban, and freight. By region, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Based on offering, the solution segment held the dominating market share in 2021, holding around three-fourths of the global railway signaling system market. This is because rail signaling solutions are used to direct traffic and prevent collisions between trains. The services segment, on the other hand, is expected to cite the fastest CAGR of 6.8% during the forecast period. The growth of this segment is mainly due to the importance of installation services, maintenance services, data monitoring services, design, and other services in rail signaling systems.

Based on end use, the mainline segment held the dominating market share in 2021, holding more than three-fifths of the global railway signaling system market. Surge in population, traffic congestion, increase in environmental concerns, and rise in government investments to improve rail infrastructure drive growth of the market. Moreover, increase in passenger preference for rail vehicles such as local trains, passenger rails, and others for travel, owing to economical, reliable, and faster transportation options further increase demand for mainline. The urban segment, on the other hand, is expected to cite the fastest CAGR of 6.9% during the forecast period. The growth of this segment is mainly because rails require highly sensitive sensors and advanced signaling systems to operate within cities.

Based on region, Europe held the dominating market share in 2021, holding more than two-fifths of the global railway signaling system market and is likely to maintain the dominance by 2031. The European Union (EU) has the largest electrified rail length in the world, and is considered one of the safest railway networks in the world, with around 218,000 km of active rail network. EU commission is committed to make its rail network more convenient for passengers by introducing various laws, along with collaborating with private industry players to advance current networks. The Asia-Pacific region, on the other hand, is expected to cite the fastest CAGR of 7.1% during the forecast period. Countries such as China, India, Australia, and Japan are largely focused on developing metros and monorails for intra-city travel to reduce travelling time and regulate pollution in the region.

Some leading companies profiled in the report comprises Alstom SA, Angelo Holding SRL (MERMEC S.p.A.), Belden Inc., Cisco Systems Inc., Hitachi Ltd. (Hitachi Rail), IBM Corporation, Huawei Technologies Co. Ltd., Nokia Corporation, Siemens AG, and Wabtec Corporation.

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☐ The outbreak of COVID-19 had a negative impact on the growth of the global railway signaling system market, owing to the presence of lockdowns in various countries across the globe.

☐ Lockdowns resulted in the closure of all sorts of public transportation facilities, including those of trains and buses, which negatively impacted the growth of the market. This resulted in the decreased demand for railway signaling system during the forecast period.

☐ These restrictions were imposed by the government so as to curb the spread of the virus during the pandemic.

☐ The global railway signaling system market is expected to experience growth in the coming years, due to rise in investments in railway sector to install digital signaling systems on rail routes across several countries.

☐ For instance, in 2020, in UK, government announced investment of \$477.7 million to fund the UK's first digital signaling system on a long-distance rail route.

Thanks for reading this article you can also get individual chapter-wise sections or region-wise report versions like North America Europe or Asia.

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Lastly this report provides market intelligence most comprehensively. The report structure has been kept such that it offers maximum business value. It provides critical insights into the market dynamics and will enable strategic decision-making for the existing market players as well as those willing to enter the market.

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