

Intermodal Freight Transportation Market to Soar to \$109.5 Billion by 2032, Fueled by 10.4% CAGR Growth | says AMR

WILMINGTON, NEW CASTLE, DE, UNITED STATES, October 7, 2024 /EINPresswire.com/ -- According to a new report published by Allied Market Research, titled, "Intermodal Freight Transportation Market," The Intermodal Freight Transportation Market Size was valued at \$42.5 billion in 2022, and is estimated to reach \$109.5 billion by 2032, growing at a CAGR of 10.4% from 2023 to 2032.

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Intermodal freight transport consists of transporting goods in a single loading unit (such as a container) using a combination of modes of transport: road, rail, waterways, or air. It has the potential to optimize the relative strengths of each of the modes in terms of flexibility, speed, costs, and environmental performance.

Automation and AI integration are revolutionizing the intermodal freight transportation market, enhancing efficiency, reliability, and sustainability. By automating various processes such as scheduling, routing, and tracking, companies optimize resource utilization and reduce operational costs. AI algorithms analyze vast amounts of data to predict demand patterns, optimize route planning, and mitigate disruptions, thereby improving overall supply chain performance. Moreover, automation technologies such as autonomous vehicles and drones enable seamless intermodal operations, facilitating the smooth transfer of goods between different modes of transportation such as trucks, trains, ships, and planes. This integration streamlines logistics processes, reduces transit times, and minimizes the risk of errors or delays.

In addition, AI-driven predictive maintenance systems monitor equipment health in real-time, enabling proactive maintenance and reducing the likelihood of breakdowns, which disrupt supply chains. Overall, automation and AI integration foster a more agile, responsive, and sustainable intermodal freight transportation market, meeting the evolving needs of global trade and commerce while driving innovation and competitiveness in the logistics industry.

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Sustainable practices are poised to revolutionize the intermodal freight transportation market, offering numerous opportunities for growth and innovation. With increasing concerns about climate change and environmental degradation, stakeholders in the transportation industry are under pressure to adopt eco-friendly solutions. Intermodal transportation, which integrates multiple modes of transport like rail, road, sea, and air, stands to benefit significantly from sustainable practices. By transitioning toward cleaner energy sources such as electric or hydrogen-powered vehicles, implementing efficient route planning to minimize emissions, and optimizing cargo consolidation to reduce waste and empty trips, the industry significantly lowers its carbon footprint. In addition, the incorporation of renewable energy sources and the development of eco-friendly infrastructure further enhance sustainability efforts in intermodal transportation. Furthermore, sustainable practices contribute to environmental conservation and offer economic advantages, such as cost savings through fuel efficiency and reduced regulatory compliance costs. Moreover, consumers increasingly prefer businesses that prioritize sustainability, providing a competitive edge to companies embracing eco-friendly initiatives. Overall, the adoption of sustainable practices presents a wealth of opportunities for the intermodal freight transportation market, driving growth, fostering innovation, and meeting the evolving needs of a greener future.

By type, the road transport segment held the highest market share in 2022, accounting for more than two-fifths of the global market revenue and is estimated to maintain its leadership status throughout the forecast period. However, the air & sea transport segment is projected to manifest the highest CAGR of 12.1% from 2023 to 2032.

By end user industry, the consumer & retail segment held the highest market share in 2022, accounting for three-fifths of the global <u>Intermodal freight transportation market revenue</u> and is estimated to maintain its leadership status throughout the forecast period. However, the energy & mining segment is the fastest-growing segment and is projected to manifest the highest CAGR of 11.7% from 2023 to 2032.

The Europe region held the highest market share in 2022, accounting for nearly two-fifths of the global market revenue, and is estimated to maintain its leadership status throughout the forecast period. However, the Asia-Pacific region is projected to manifest the highest CAGR of 13.3% from 2023 to 2032.

<u>https://www.alliedmarketresearch.com/automated-fare-collection-system-market</u> - Global Opportunity Analysis and Industry Forecast, 2020-2027

<u>https://www.alliedmarketresearch.com/automotive-trailer-market</u> - Global Opportunity Analysis and Industry Forecast, 2021-2031

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