Rail Asset Management Systems Market Research

DIGITIZATION TO IMPACT FUTURE RAIL ASSET MANAGEMENT MARKET

This report can serve as an effective planning guide for suppliers of rail asset management services, such as corrective, preventive, and predictive maintenance solutions; train overhauls and infrastructure renewals; wheels and axles management; maintenance performance analysis; asset management; and continuous improvement methodologies.

The report addresses the market size and forecasted growth on a global scale, market drivers and opportunities in the global market, supplier market shares, product availability, alliances, and strategies for both suppliers and potential users, plus the impact of key trends on this industry.

The trend is moving toward analytics and Industrial IoT. Software and analytics vendors are winning projects and taking market share from the legacy rail suppliers, while a bevy of smaller competitors are vying for pieces of each rail transport project, making for a crowded and competitive field.

While single-digit growth is forecast for the market as a whole, tremendous potential exists for systems that meet primary requirements of predictive and preventive maintenance, safety and reliability, and condition-based analysis services.

In the context of the new digital economy, the emerging and innovative technologies such as Internet of Things, mobility, cloud technologies or Big Data, and analytics, including machine learning, have been disrupting legacy operations and asset management strategies of organizations. These technologies should be leveraged by both suppliers and operators.

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STRATEGIC ISSUES

The market represents a mix of mature and emerging markets such as Europe, China, and India. Asset performance and maintenance remain paramount, including the need to comprehend risks and expenditures over the product lifecycle and earn better return on investments. Key questions addressed include:

- How can suppliers help railway operators meet escalating requirements in this era of fiscal austerity?
- How can suppliers help rail operators maintain assets and meet the challenges of maintaining safety and reliability?
- How can rail operators extend asset life and maximize utilization of the assets?

RESEARCH FORMATS

This research is available as a Market Intelligence Workbook (Excel) and/or a concise, executive-level Market Analysis Report (PDF), with or without detailed charts.

RESEARCH FOCUS AREAS

STRATEGIC ANALYSIS
Major and Regional Trends
Strategies for Buyers and Suppliers

COMPETITIVE ANALYSIS
Market Shares of the Leading Suppliers
Market Shares by Region
    North America
    Europe, Middle East, & Africa
    Asia
    Latin America
Market Shares by Train Service Type
    Freight
    High Speed/VHS
    Industrial/Mining
    Light
    Mainline
    Metro/Subway
Market Shares by Application
    Linear Assets
    Rolling Stock
Market Shares by Linear Assets
    Tracks
    Communication and Signaling
Market Shares by Rolling Stock
    Locomotives
    Wheels

    Axles
    Bogies
Market Shares by Revenue Category
    Hardware
    Software
    Services
Market Shares by Hardware Type
Market Shares by Software Application
Market Shares by Service Type

MARKET FORECASTS
Total Rail Asset Management Business
Shipments by Region

Shipments by Train Service Type
Shipments by Application
Shipments by Linear Assets
Shipments by Rolling Stock
Shipments by Revenue Category
Shipments by Hardware Type
Shipments by Software Application
Shipments by Service Type

INDUSTRY PARTICIPANTS
The research identifies all relevant suppliers serving this market.

Worldwide Rail Asset Management Systems Market

2018   2019   2020   2021   2022   2023