Manufacturing Execution System Market by Deployment Type, Offering, Process Industry, Discrete Industry - Global Forecast to 2022

Description: "Manufacturing Execution System Market by Deployment Type (On-Premises, On-Demand, and Hybrid), Offering (Software and Services), Process Industry (Food & Beverages, Oil & Gas), Discrete Industry (Automotive, Medical Devices) - Global Forecast to 2022"

The Manufacturing execution system (MES) market is expected to grow at a CAGR of 13.6% between 2016 and 2022 to reach USD 18.22 billion by 2022. The key driving factors for the growth of the manufacturing execution system market are low deployment cost, increasing use of industrial automation, adoption of MES owing to growing benefits and importance of regulatory compliance. However, low adoption of MES in small- and medium-size companies and high investment and cost for implementation and upgradation of MES are the major restraining factors for the growth of this market.

The services market is expected to grow at the highest rate between 2016 and 2022. The services such as opportunity assessment, solution migration and enhancement, product evaluation, MES application configuration, business analysis, selection services, customization, and multi-level support services support the company to overcome the problems and boost the growth in the market.

The on-premises market is expected to hold the largest size of the manufacturing execution system in 2016. It offers hosted services to a limited number of people within a firewall and hence minimizing security concerns. It also enables users to have a direct control over their data.

The automotive industry expected to account for the largest market share of the discrete industry of global manufacturing execution system market in 2016. The increase in the production of number vehicles each year and increasing need of automation in automotive manufacturing to lower production cost and increase productivity are some factors expected to drive the demand for manufacturing execution systems in the automotive industry. Functions such as inventory management, performance analysis, design process, and supply chain management, which are time consuming when carried out manually, have been automated with the help of MES.

The market for manufacturing execution system in the APAC region is expected to grow at the highest rate between 2016 and 2022. The demand for MES systems is very high in Asia-Pacific owing to the need to implement the change from manual or legacy systems to automated systems, rapid industrialization, and economic growth. The growing automotive manufacturing in the countries such as China and Japan are expected to drive the growth of the manufacturing execution system market in APAC.

Break-up of the profiles of primary participants for the report has been given below:
- By Company Type: Tier 1 - 51%, Tier 2 - 30%, and Tier 3 - 19%
- By Designation: C - Level Executives - 48%, Directors - 28%, and Others - 24%
- By Region: North America - 41%, Europe - 15%, APAC - 36%, and RoW - 8%

The key players in the market include ABB Ltd. (Switzerland), Andea Solutions (Poland), Dassault Systemes SA (France), Emerson Electric Co. (U.S.), General Electric Company (U.S.), Honeywell International Inc. (U.S.), Rockwell Automation, Inc. (U.S.), SAP AG (Germany), Schneider Electric SE (France), Siemens AG (Germany), and Werum IT Solutions GmbH (Germany).

Research Coverage:

The research report on the global manufacturing execution system market covers different segments, namely, deployment type, offering, process industry, discrete industry, and geography. The market has been segmented on the basis of deployment type into on-premises, on-demand, and hybrid. On the basis of offering, the manufacturing execution system market has been classified into software, and services. The report covers process industry, namely, food and beverages, oil and gas, chemicals, pulp and paper, pharmaceuticals and life sciences, energy and power, water and wastewater management, and others. Further, the manufacturing execution system market has been segmented on the basis of discrete
industries into automotive, aerospace and defense, medical devices, consumer packaged goods, and others. The report covers four major geographical regions; North America, Europe, Asia-Pacific (APAC), and Rest of the World (RoW).

Key Benefits of Buying the Report:

- Illustrative segmentation, analysis, and forecast for the market based on deployment type, offering, process industry, discrete industry, and geography has been conducted to give an overall view of the manufacturing execution system market.
- The Porter's five forces framework has been utilized along with the value chain analysis to provide an in-depth insight into the manufacturing execution system market.
- The major drivers, restraints, opportunities, and challenges for the manufacturing execution system market have been detailed in this report.
- The report includes a detailed competitive landscape along with key players, in-depth analysis, and revenue of key players.

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