Manufacturing Execution Systems (MES) for the process industries market continues to play a key role in digital transformation and IT/OT convergence. To remain competitive, today’s manufacturers must produce increasingly complex products, meet quickly changing market demands, all while reducing both costs and time to market. End users are increasingly investing in MES software to help drive value chain connectivity, interoperability, and collaboration.

This report offers MES suppliers and users a comprehensive assessment of the market and provides strategic information for planning. MES encompasses manufacturing and operations intelligence, planning and scheduling, workflow enforcement, operations, energy management, and components management. Modern MES solutions are a key element for a successful digital transformation initiative.

The most important new technologies affecting the market are new platforms, collaborative interoperable applications, auto features, digital twins, augmented reality, predictive analytics, cloud, edge, and data platforms.

Enterprise-wide MES deployments continue to add significant value to organizations wanting to improve profits, collaborate, and implement global standards. MES is considered a key technology for the success of digital transformation provided it helps end users solve their business challenges. However, helping end users measuring the value and benefits (quantitative and qualitative) gained from MES usage is becoming more important than ever.

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Manufacturing Execution Systems for Process Industries Market Research

VALUE FROM DIGITAL TRANSFORMATION DRIVES MES GROWTH

STRATEGIC ISSUES

Suppliers and end users must understand market trends, newer technologies, and best practices. MES solutions are adapting for a modern manufacturing environment with new technology expectations and demands. This report includes key suppliers, strategies, trends, and recommendations for MES software that include:

- Digital transformation, Industry 4.0, and open process automation initiatives and standards impact on the market
- New collaborative visualization and workflow operator advisors
- Embedded analytics, platforms, cloud, edge, and other new technologies

RESEARCH FOCUS AREAS

STRATEGIC ANALYSIS

Major, Regional, and Industry Trends
Strategic Recommendations

COMPETITIVE ANALYSIS

Market Shares of the Leading Suppliers
Market Shares by Region
  - North America
  - Europe, Middle East, Africa
  - Asia
  - Latin America
Market Shares by Revenue Category
  - Software
  - Services
Market Shares by Functional Category
  - Plan and Schedule
  - Inform
  - Operate
Market Shares by Industry
  - Cement & Glass
  - Chemical
  - Electric Power Generation
  - Food and Beverages
  - Metals
  - Mining
  - Oil & Gas

PHARMACEUTICAL & BIOTECH
Pulp & Paper
Refining
Textiles
Water & Wastewater

MARKET FORECASTS & HISTORIES

Total MES for Process Business
Shipments by Region
Shipments by Revenue Category
Shipments by Functional Category
Shipments by Industry
Shipments by Deployment
Shipments by Customer Size
Shipments by Sales Channel

INDUSTRY PARTICIPANTS

The research identifies all relevant suppliers serving this market.