This report offers Manufacturing Execution Systems (MES) suppliers and users a comprehensive assessment of the marketplace and provides strategic information for planning through the year 2021. MES encompasses both manufacturing intelligence and operations intelligence, planning and scheduling, and workflow enforcement. MES solutions are critical, because the digital plant of the future will be based on collaboration between technologies, people, and global enterprises.

Manufacturers face global competition to manufacture increasingly complex products while accelerating product development and changing product requirements with reducing costs. Excelling in this environment requires end-to-end connected information and modern manufacturing execution systems.

The most important new technologies affecting the market are new architectures, predictive analytics, cloud, edge, smart connected devices, virtual reality, and data platforms. Having process visibility is a key driver too.

The number one reason for implementing MES is to improve performance. Measuring the value and benefits (quantitative and qualitative) gained from MES usage are more important than ever. Enterprise-wide MES implementations continue to add significant value to organizations wanting to improve profits and implement global standards. End to end integration is also more significant.

For more information about this research, contact your ARC Client Manager or visit us at www.arcweb.com/market-studies/.

As the manufacturing environment continues to change, MES solutions are also evolving to meet new technology expectations and demands. Suppliers and end users must understand and predict market requirements. This report includes some strategies and recommendations to win in a competitive marketplace:

- Digital transformation, Industrie 4.0, and Open Automation Group initiatives are impacting the market
- Enterprise-wide end-to-end integration in a smart connected MES is important
- MES provides performance improvements that should be measured

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, Regional, and Industry Trends
Stringent 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 Service Type
Market Shares by Functional Category
  - Plan and Schedule
  - Inform and Visibility
  - Direct and Operate
Market Shares by Industry
  - Cement & Glass
  - Chemical
  - Electric Power
  - Food & Beverage
  - Metals
  - Mining

**MARKET FORECASTS & HISTORIES**

Total MES for Process Business
Shipments by Region

**INDUSTRY PARTICIPANTS**

The research identifies all relevant suppliers serving this market.