

Global Manufacturing Execution Systems Market Size study & Forecast, by Component (Software, Services), by Deployment (On-premise, On-Demand, Hybrid), by End-Use (Automotive, Aerospace & Defence, Healthcare, Oil & Gas, Chemical, Food & Beverage, Consumer Packaged Good, Others) and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/GE23F481CE1CEN.html>

Date: February 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GE23F481CE1CEN

Abstracts

Global Manufacturing Execution Systems Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% during the forecast period 2023-2030. Manufacturing Execution Systems (MES) are computerized systems used in manufacturing industries to manage and control the execution of production operations. MES plays a crucial role in bridging the gap between the planning and control systems at the enterprise level and the actual execution of production on the shop floor. The primary goal of MES is to enhance efficiency, productivity, and quality in manufacturing processes. The key factors driving the market growth are the growing need for connected supply chains and mass production in the manufacturing sector, rising emphasis on quality management, increasing demand for industrial automation in process and discrete industries, and growing demand for high operational efficiency that anticipated to support the market growth during the forecast period 2023-2030.

Additionally, the market is anticipated to grow as a result of major players increasing their efforts to raise knowledge and awareness of MES solutions. For instance, Insequence launched a new user certification training program for its Manufacturing Management System and SPD Pro in July 2022. To aid in the development of an internal understanding of Insequence products, Insequence clients can access power-

user level information through this new curriculum from Insequence University Software. This could result in more competency, efficiency, and cost savings. Moreover, the integration of MES with enterprise resource planning (ERP) and product lifecycle management (PLM) solutions, and deployment of MES in pharmaceuticals and life sciences industries are anticipated to create lucrative opportunities for the market over the projected period. However, the high investments and expenses related to upgrade and maintenance, and complexities associated with the integration of MES with pre-existing organizational systems stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Manufacturing Execution Systems Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the increasing emphasis on industry 4.0 and smart manufacturing, rising focus on quality management, growing adoption of cloud-based MES solutions, and growing adoption in diverse industry verticals. Whereas, the Asia Pacific is expected to grow at fastest growth rate during the forecast period, owing to factors such as the increasing manufacturing activities, growing adoption of industry 4.0 principles and the push towards smart manufacturing have gained momentum in the Asia Pacific region, and growing rapid advancement of technologies, such as the Internet of Things (IoT), Artificial Intelligence (AI), and big data analytics, are driving the digital transformation of manufacturing.

Major market player included in this report are:

Siemens AG

Dassault Systèmes

SAP SE

Rockwell Automation

Honeywell International Inc.

ABB Group

Applied Materials, Inc.

Emerson Electric Co.

General Electric Company

Oracle Corporation

Recent Developments in the Market:

In October 2023, Siemens Digital Industries Software and CEA-List, a leading technological research institute specializing in smart digital systems, have officially forged a memorandum of understanding. This strategic agreement underscores their shared dedication to collaborative research, with a focus on advancing and enhancing digital twin capabilities through the integration of artificial intelligence (AI). Additionally, the partnership aims to delve into the seamless integration of embedded software on virtual and hybrid platforms.

Global Manufacturing Execution Systems Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Component, Deployment, End-Use, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to

incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Component:

Software

Services

By Deployment:

On-premise

On-Demand

Hybrid

By End-Use:

Automotive

Aerospace & Defence

Healthcare

Oil & Gas

Chemical

Food & Beverage

Consumer Packaged Good

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Contents

CHAPTER 1 EXECUTIVE SUMMARY

- 1.1 Market Snapshot
- 1.2 Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
 - 1.2.1 Manufacturing Execution Systems Market, by Region, 2020-2030 (USD Billion)
 - 1.2.2 Manufacturing Execution Systems Market, by Component, 2020-2030 (USD Billion)
 - 1.2.3 Manufacturing Execution Systems Market, by Deployment, 2020-2030 (USD Billion)
 - 1.2.4 Manufacturing Execution Systems Market, by End-Use, 2020-2030 (USD Billion)
- 1.3 Key Trends
- 1.4 Estimation Methodology
- 1.5 Research Assumption

CHAPTER 2 GLOBAL MANUFACTURING EXECUTION SYSTEMS MARKET DEFINITION AND SCOPE

- 2.1 Objective of the Study
- 2.2 Market Definition & Scope
 - 2.2.1 Industry Evolution
 - 2.2.2 Scope of the Study
- 2.3 Years Considered for the Study
- 2.4 Currency Conversion Rates

CHAPTER 3 GLOBAL MANUFACTURING EXECUTION SYSTEMS MARKET DYNAMICS

- 3.1 Manufacturing Execution Systems Market Impact Analysis (2020-2030)
 - 3.1.1 Market Drivers
 - 3.1.1.1 Growing need for connected supply chains and mass production in manufacturing sector
 - 3.1.1.2 Rising emphasis on quality management
 - 3.1.1.3 Increasing demand for industrial automation in process and discrete industries
 - 3.1.1.4 Growing demand for high operational efficiency
 - 3.1.2 Market Challenges
 - 3.1.2.1 High investments and expenses related to upgrade and maintenance

3.1.2.2 Complexities associated with integration of MES with pre-existing organizational systems

3.1.3 Market Opportunities

3.1.3.1 Integration of MES with ERP and PLM solutions

3.1.3.2 Deployment of MES in pharmaceuticals and life sciences industries

CHAPTER 4 GLOBAL MANUFACTURING EXECUTION SYSTEMS MARKET INDUSTRY ANALYSIS

4.1 Porter's 5 Force Model

4.1.1 Bargaining Power of Suppliers

4.1.2 Bargaining Power of Buyers

4.1.3 Threat of New Entrants

4.1.4 Threat of Substitutes

4.1.5 Competitive Rivalry

4.2 Porter's 5 Force Impact Analysis

4.3 PEST Analysis

4.3.1 Political

4.3.2 Economical

4.3.3 Social

4.3.4 Technological

4.3.5 Environmental

4.3.6 Legal

4.4 Top investment opportunity

4.5 Top winning strategies

4.6 COVID-19 Impact Analysis

4.7 Disruptive Trends

4.8 Industry Expert Perspective

4.9 Analyst Recommendation & Conclusion

CHAPTER 5 GLOBAL MANUFACTURING EXECUTION SYSTEMS MARKET, BY COMPONENT

5.1 Market Snapshot

5.2 Global Manufacturing Execution Systems Market by Component, Performance - Potential Analysis

5.3 Global Manufacturing Execution Systems Market Estimates & Forecasts by Component 2020-2030 (USD Billion)

5.4 Manufacturing Execution Systems Market, Sub Segment Analysis

5.4.1 Software

5.4.2 Services

CHAPTER 6 GLOBAL MANUFACTURING EXECUTION SYSTEMS MARKET, BY DEPLOYMENT

6.1 Market Snapshot

6.2 Global Manufacturing Execution Systems Market by Deployment, Performance - Potential Analysis

6.3 Global Manufacturing Execution Systems Market Estimates & Forecasts by Deployment 2020-2030 (USD Billion)

6.4 Manufacturing Execution Systems Market, Sub Segment Analysis

6.4.1 On-premise

6.4.2 On-Demand

6.4.3 Hybrid

CHAPTER 7 GLOBAL MANUFACTURING EXECUTION SYSTEMS MARKET, BY END-USE

7.1 Market Snapshot

7.2 Global Manufacturing Execution Systems Market by End-Use, Performance - Potential Analysis

7.3 Global Manufacturing Execution Systems Market Estimates & Forecasts by End-Use 2020-2030 (USD Billion)

7.4 Manufacturing Execution Systems Market, Sub Segment Analysis

7.4.1 Automotive

7.4.2 Aerospace & Defence

7.4.3 Healthcare

7.4.4 Oil & Gas

7.4.5 Chemical

7.4.6 Food & Beverage

7.4.7 Consumer Packaged Good

7.4.8 Others

CHAPTER 8 GLOBAL MANUFACTURING EXECUTION SYSTEMS MARKET, REGIONAL ANALYSIS

8.1 Top Leading Countries

8.2 Top Emerging Countries

- 8.3 Manufacturing Execution Systems Market, Regional Market Snapshot
- 8.4 North America Manufacturing Execution Systems Market
 - 8.4.1 U.S. Manufacturing Execution Systems Market
 - 8.4.1.1 Component breakdown estimates & forecasts, 2020-2030
 - 8.4.1.2 Deployment breakdown estimates & forecasts, 2020-2030
 - 8.4.1.3 End-Use breakdown estimates & forecasts, 2020-2030
 - 8.4.2 Canada Manufacturing Execution Systems Market
- 8.5 Europe Manufacturing Execution Systems Market Snapshot
 - 8.5.1 U.K. Manufacturing Execution Systems Market
 - 8.5.2 Germany Manufacturing Execution Systems Market
 - 8.5.3 France Manufacturing Execution Systems Market
 - 8.5.4 Spain Manufacturing Execution Systems Market
 - 8.5.5 Italy Manufacturing Execution Systems Market
 - 8.5.6 Rest of Europe Manufacturing Execution Systems Market
- 8.6 Asia-Pacific Manufacturing Execution Systems Market Snapshot
 - 8.6.1 China Manufacturing Execution Systems Market
 - 8.6.2 India Manufacturing Execution Systems Market
 - 8.6.3 Japan Manufacturing Execution Systems Market
 - 8.6.4 Australia Manufacturing Execution Systems Market
 - 8.6.5 South Korea Manufacturing Execution Systems Market
 - 8.6.6 Rest of Asia Pacific Manufacturing Execution Systems Market
- 8.7 Latin America Manufacturing Execution Systems Market Snapshot
 - 8.7.1 Brazil Manufacturing Execution Systems Market
 - 8.7.2 Mexico Manufacturing Execution Systems Market
- 8.8 Middle East & Africa Manufacturing Execution Systems Market
 - 8.8.1 Saudi Arabia Manufacturing Execution Systems Market
 - 8.8.2 South Africa Manufacturing Execution Systems Market
 - 8.8.3 Rest of Middle East & Africa Manufacturing Execution Systems Market

CHAPTER 9 COMPETITIVE INTELLIGENCE

- 9.1 Key Company SWOT Analysis
 - 9.1.1 Company
 - 9.1.2 Company
 - 9.1.3 Company
- 9.2 Top Market Strategies
- 9.3 Company Profiles
 - 9.3.1 Siemens AG
 - 9.3.1.1 Key Information

- 9.3.1.2 Overview
- 9.3.1.3 Financial (Subject to Data Availability)
- 9.3.1.4 Product Summary
- 9.3.1.5 Recent Developments
- 9.3.2 Dassault Syst?mes
- 9.3.3 SAP SE
- 9.3.4 Rockwell Automation
- 9.3.5 Honeywell International Inc.
- 9.3.6 ABB Group
- 9.3.7 Applied Materials, Inc.
- 9.3.8 Emerson Electric Co.
- 9.3.9 General Electric Company
- 9.3.10 Oracle Corporation

CHAPTER 10 RESEARCH PROCESS

- 10.1 Research Process
 - 10.1.1 Data Mining
 - 10.1.2 Analysis
 - 10.1.3 Market Estimation
 - 10.1.4 Validation
 - 10.1.5 Publishing
- 10.2 Research Attributes
- 10.3 Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1 Global Manufacturing Execution Systems Market, report scope

TABLE 2 Global Manufacturing Execution Systems Market estimates & forecasts by region 2020-2030 (USD Billion)

TABLE 3 Global Manufacturing Execution Systems Market estimates & forecasts by Component 2020-2030 (USD Billion)

TABLE 4 Global Manufacturing Execution Systems Market estimates & forecasts by Deployment 2020-2030 (USD Billion)

TABLE 5 Global Manufacturing Execution Systems Market estimates & forecasts by End-Use 2020-2030 (USD Billion)

TABLE 6 Global Manufacturing Execution Systems Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 7 Global Manufacturing Execution Systems Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 8 Global Manufacturing Execution Systems Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 9 Global Manufacturing Execution Systems Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 10 Global Manufacturing Execution Systems Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 11 Global Manufacturing Execution Systems Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 12 Global Manufacturing Execution Systems Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 13 Global Manufacturing Execution Systems Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 14 Global Manufacturing Execution Systems Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 15 Global Manufacturing Execution Systems Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 16 U.S. Manufacturing Execution Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 17 U.S. Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 18 U.S. Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 19 Canada Manufacturing Execution Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 20 Canada Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21 Canada Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 22 UK Manufacturing Execution Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 23 UK Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24 UK Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 25 Germany Manufacturing Execution Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 26 Germany Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27 Germany Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 28 France Manufacturing Execution Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 29 France Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30 France Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 31 Italy Manufacturing Execution Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 32 Italy Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33 Italy Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 34 Spain Manufacturing Execution Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 35 Spain Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36 Spain Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 37 RoE Manufacturing Execution Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 38 RoE Manufacturing Execution Systems Market estimates & forecasts by

segment 2020-2030 (USD Billion)

TABLE 39 RoE Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 40 China Manufacturing Execution Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 41 China Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 42 China Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 43 India Manufacturing Execution Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 44 India Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45 India Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 46 Japan Manufacturing Execution Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 47 Japan Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48 Japan Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 49 South Korea Manufacturing Execution Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 50 South Korea Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51 South Korea Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 52 Australia Manufacturing Execution Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 53 Australia Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54 Australia Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 55 RoAPAC Manufacturing Execution Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 56 RoAPAC Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57 RoAPAC Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 58 Brazil Manufacturing Execution Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 59 Brazil Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60 Brazil Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 61 Mexico Manufacturing Execution Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 62 Mexico Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 63 Mexico Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 64 RoLA Manufacturing Execution Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 65 RoLA Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 66 RoLA Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 67 Saudi Arabia Manufacturing Execution Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 68 South Africa Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 69 RoMEA Manufacturing Execution Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 70 List of secondary sources, used in the study of global Manufacturing Execution Systems Market

TABLE 71 List of primary sources, used in the study of global Manufacturing Execution Systems Market

TABLE 72 Years considered for the study

TABLE 73 Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1 Global Manufacturing Execution Systems Market, research methodology
 - FIG 2 Global Manufacturing Execution Systems Market, Market estimation techniques
 - FIG 3 Global Market size estimates & forecast methods
 - FIG 4 Global Manufacturing Execution Systems Market, key trends 2022
 - FIG 5 Global Manufacturing Execution Systems Market, growth prospects 2023-2030
 - FIG 6 Global Manufacturing Execution Systems Market, porters 5 force model
 - FIG 7 Global Manufacturing Execution Systems Market, pest analysis
 - FIG 8 Global Manufacturing Execution Systems Market, value chain analysis
 - FIG 9 Global Manufacturing Execution Systems Market by segment, 2020 & 2030 (USD Billion)
 - FIG 10 Global Manufacturing Execution Systems Market by segment, 2020 & 2030 (USD Billion)
 - FIG 11 Global Manufacturing Execution Systems Market by segment, 2020 & 2030 (USD Billion)
 - FIG 12 Global Manufacturing Execution Systems Market by segment, 2020 & 2030 (USD Billion)
 - FIG 13 Global Manufacturing Execution Systems Market by segment, 2020 & 2030 (USD Billion)
 - FIG 14 Global Manufacturing Execution Systems Market, regional snapshot 2020 & 2030
 - FIG 15 North America Manufacturing Execution Systems Market 2020 & 2030 (USD Billion)
 - FIG 16 Europe Manufacturing Execution Systems Market 2020 & 2030 (USD Billion)
 - FIG 17 Asia pacific Manufacturing Execution Systems Market 2020 & 2030 (USD Billion)
 - FIG 18 Latin America Manufacturing Execution Systems Market 2020 & 2030 (USD Billion)
 - FIG 19 Middle East & Africa Manufacturing Execution Systems Market 2020 & 2030 (USD Billion)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

I would like to order

Product name: Global Manufacturing Execution Systems Market Size study & Forecast, by Component (Software, Services), by Deployment (On-premise, On-Demand, Hybrid), by End-Use (Automotive, Aerospace & Defence, Healthcare, Oil & Gas, Chemical, Food & Beverage, Consumer Packaged Good, Others) and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/GE23F481CE1CEN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GE23F481CE1CEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970