

# Global Smart Manufacturing Systems (AI-driven MES) Market 2026 by Company, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Smart Manufacturing Systems (AI-driven MES) market size was valued at US\$ 15661 million in 2025 and is forecast to a readjusted size of US\$ 30319 million by 2032 with a CAGR of 9.9% during review period.

Smart Manufacturing Systems (AI-Driven MES) are advanced Manufacturing Execution Systems that integrate artificial intelligence and machine learning to monitor, control, and optimize production processes in real time. Enterprise-wide deployments: Total costs including software, integration, and services often range from hundreds of thousands to millions of USD depending on complexity, data sources, and AI customization.

This report is a detailed and comprehensive analysis for global Smart Manufacturing Systems (AI-driven MES) market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### Key Features:

Global Smart Manufacturing Systems (AI-driven MES) market size and forecasts, in consumption value (\$ Million), 2021-2032

Global Smart Manufacturing Systems (AI-driven MES) market size and forecasts by region and country, in consumption value (\$ Million), 2021-2032

Global Smart Manufacturing Systems (AI-driven MES) market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2021-2032

Global Smart Manufacturing Systems (AI-driven MES) market shares of main players, in revenue (\$ Million), 2021-2026

### **The Primary Objectives in This Report Are:**

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Smart Manufacturing Systems (AI-driven MES)
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Smart Manufacturing Systems (AI-driven MES) market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Siemens AG (XETR: SIE, Germany), Rockwell Automation, Inc. (NYSE: ROK, USA), Honeywell International Inc. (NASDAQ: HON, USA), ABB Ltd (SIX: ABBN, Switzerland), Schneider Electric SE (EPA: SU, France), General Electric Company (NYSE: GE, USA), SAP SE (ETR: SAP, Germany), Emerson Electric Co. (NYSE: EMR, USA), AVEVA Group plc (LSE: AVV, UK), Oracle Corporation (NYSE: ORCL, USA), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

### **Market segmentation**

Smart Manufacturing Systems (AI-driven MES) market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

AI-Driven MES (Native AI/ML)

Traditional MES with AI Add-On Modules

Hybrid MES (Rule-Based + AI Optimization)

#### Market segment by Deployment Model

Cloud-Based (SaaS)

On-Premises

Hybrid / Edge-Based (Edge AI + Cloud Analytics)

#### Market segment by Manufacturing Type

Discrete Manufacturing

Process Manufacturing

Batch Manufacturing

Hybrid Manufacturing

#### Market segment by Application

Automotive

Electronics & Semiconductors

Pharmaceuticals & Life Sciences

Food & Beverage

Chemicals

Aerospace & Defense

Metal, Mining & Heavy Machinery

Consumer Goods

Energy & Utilities

Market segment by players, this report covers

Siemens AG (XETR: SIE, Germany)

Rockwell Automation, Inc. (NYSE: ROK, USA)

Honeywell International Inc. (NASDAQ: HON, USA)

ABB Ltd (SIX: ABBN, Switzerland)

Schneider Electric SE (EPA: SU, France)

General Electric Company (NYSE: GE, USA)

SAP SE (ETR: SAP, Germany)

Emerson Electric Co. (NYSE: EMR, USA)

AVEVA Group plc (LSE: AVV, UK)

Oracle Corporation (NYSE: ORCL, USA)

Dassault Systèmes SE (EPA: DSY, France)

Applied Materials, Inc. (NASDAQ: AMAT, USA)

Epicor Software Corporation (NASDAQ: EPIC, USA)

Yokogawa Electric Corp. (TYO: 6841, Japan)

Kärber AG (Private, Germany)

MPDV Mikrolab GmbH (Private, Germany)

Baosight Software (SSE: 600845, China)

Shenzhen Inovance Technology Co., Ltd. (CSI A50: Inovance, China)

WellinTech (likely private)

Nanjing Auto Electric Co., Ltd. (NAEC, China)

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia, Italy and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 13 chapters:**

Chapter 1, to describe Smart Manufacturing Systems (AI-driven MES) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Smart Manufacturing Systems (AI-driven MES), with revenue, gross margin, and global market share of Smart Manufacturing Systems (AI-driven MES) from 2021 to 2026.

Chapter 3, the Smart Manufacturing Systems (AI-driven MES) competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and by Application, with consumption value and growth rate by Type, by Application, from 2021 to 2032.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2021 to 2026. and Smart Manufacturing Systems (AI-driven MES) market forecast, by regions, by Type and by Application, with consumption value, from 2027 to 2032.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Smart Manufacturing Systems (AI-driven MES).

Chapter 13, to describe Smart Manufacturing Systems (AI-driven MES) research findings and conclusion.

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