

Global Manufacturing Execution System (MES) Market was Valued USD 13.6 BN in 2022 and to Witness CAGR of 9% (2023-2031).

Rising Demand For Real-Time Monitoring of Manufacturing Processes is Driving the Global Manufacturing Execution System (MES) Market.

HOUSTON, TEXAS, UNITED STATES, August 14, 2023 /EINPresswire.com/ -- Global Manufacturing Execution System (MES) Market Synopsis Manufacturing execution system (MES) is an information system that connects, controls, and monitors complex data flows and manufacturing systems in the factory. The major goal of an MES is to improve production output and ensure enhanced execution of various manufacturing operations. This software system enables the end user industries to strengthen manufacturing operations by tracking and gathering real-time data on the complete production lifecycle, allowing the decision-makers to understand the manufacturing settings and optimizing the production process. The core functions of MES include operations management, dispatching production units, product tracking and genealogy, labor management, quality management, maintenance management, data collection and acquisition, process management, performance analysis, document control, and resource allocation and status.



Get PDF sample report with related graphs & charts (Pre & post COVID-19 impact analysis): https://www.absolutemarketsinsights.com/request_sample.php?id=1676

The multiple industries such as industrial manufacturing, food and beverage, consumer products, electronics and tech, and pharmaceuticals and medical devices are the prominent users of MES software solutions. The modern software supports complex process workflows, make-to-order, discrete assembly, high-volume automated data collection, batch process, rolled products and more. In addition, the use MES paired with a manufacturing ERP system helps in transformation of a manufacturing enterprise and streamlining all the operations.

Speak to our analyst in case of queries before buying this report:

https://www.absolutemarketsinsights.com/enquiry_before_buying.php?id=1676

Factors Supporting the Growth of the Global Manufacturing Execution System (MES) Market

- **Increasing Digitization in Manufacturing Industries:** There has been a growing demand for digitization in manufacturing industries to improve quality, optimize production processes, and reduce costs. An effective implementation of the manufacturing execution system (MES) is a key step of a manufacturer's digital journey. The global disasters including Covid-19 and the Ukraine war impacted economies, supplies, and energy costs fueling the need for digital transformation in manufacturing companies. This digitization and automation trend has supported the growth of the MES market.
- **Growing Significance of Regulatory Compliance:** The need for compliance with regulatory framework fuels demand for MES. The manufacturers need to adhere to strict regulatory requirements, notably in the industries such as medical devices, pharmaceutical, and aerospace and defense industries. The regulations stipulate that enterprises digitalize production coupled with the record-keeping, auditing and other manufacturing functions. For instance, the U.S. Food and Drug Administration (FDA) also advocated the adoption of advanced manufacturing technologies for keeping the public health infrastructure strong.
- **Technological Advances in the Field:** Software solution developers in the MES market are progressing to develop innovative solutions. For instance, the flourishing Internet of Things (IoT) technology has offered the MES solution providers with ability to connect and obtain data from various resources within a plant.

View our exclusive press releases on [Industry Global News24](#)

Publish your press release with us for 10x reach worldwide/country Publish with [IGN24](#)

For all the latest in industry news visit [IndustryGlobalNews24.com](#)

Key Highlights of Global Manufacturing Execution System (MES) Market

- On the basis of deployment, the cloud segment is expected to witness highest growth rate during the forecast period. This growth is attributed to ongoing trend of Cloud MES, a 'Software as a Service (SaaS)' solution that uses software running over the Internet in a public cloud. In addition, growing emphasis on cost optimization and agility has boosted demand for cloud MES solutions. Manufacturers usually look for an easy to manage, scalable solution to digitize shop floor operations to ensure an enhanced productivity and improved efficiency, fueling the growth of cloud based MES solutions.
- The North America region is estimated to dominate the manufacturing execution system (MES) market in 2022. This is driven by significant presence of leading MES vendors, such as Honeywell, Oracle Corporation, Emerson, and Rockwell Automation. In addition, the rapid growth in trend of implementation of cloud-based networking has led to the employment of cutting-edge digital technologies in enterprises, fueling growth of the MES market. The region is also seeing demand

for cloud manufacturing implementation systems due to supportive government regulations.

Global Manufacturing Execution System (MES) Market: Competitive Landscape and Key Developments

In October 2022, Honeywell introduced its Manufacturing Excellence platform, which provides real-time end-to-end production visualization for different user roles from operators to management, detailed equipment status, process unit timelines, and trends of critical process parameters. This Manufacturing Excellence platform is mainly built for Life Sciences applications.

In February 2023, AVEVA announced the release of AVEVA Manufacturing Execution System 2023. This solution offers to cut the complexities and costs associated with the multi-site Manufacturing Execution System (MES) solutions. This version of AVEVA MES is aimed at standardizing and introducing the best practice quickly and at scale.

Purchase the latest in-depth Global Manufacturing Execution System (MES) Market Report:

<https://www.absolutemarketsinsights.com/checkout?id=1676>

Global Manufacturing Execution System (MES) Market: Key Competitors

- o ABB Ltd.
- o Accenture Plc
- o Andea Solutions Sp. z o.o.
- o Dassault Systemes SE
- o Emerson Electric Co.
- o GE Digital
- o Honeywell International Inc.
- o Rockwell Automation
- o SAP SE
- o Schneider Electric SE
- o Siemens AG
- o Werum IT Solutions GmbH
- o Yokogawa Electric Corporation
- o Other market participants

Global Manufacturing Execution System (MES) Market

By Component

- o Software
- o Services

By Deployment

- o On-premise
- o Cloud

By Industry Vertical

- o Food & Beverages
- o Oil & Gas

- o Chemicals
- o Pulp & Paper
- o Pharmaceuticals & Life Sciences
- o Energy & Power
- o Automotive
- o Aerospace
- o Medical Devices
- o Consumer Packaged Goods
- o Others

Request for customization to meet your precise research requirements:

https://www.absolutemarketsinsights.com/request_for_customization.php?id=1676

By Region

- o North America (U.S., Canada, Mexico, Rest of North America)
- o Europe (France, The UK, Spain, Germany, Italy, Nordic Countries (Denmark, Finland, Iceland, Sweden, Norway), Benelux Union (Belgium, The Netherlands, Luxembourg), Rest of Europe)
- o Asia Pacific (China, Japan, India, New Zealand, Australia, South Korea, Southeast Asia (Indonesia, Thailand, Malaysia, Singapore, Rest of Southeast Asia), Rest of Asia Pacific)
- o Middle East & Africa (Saudi Arabia, UAE, Egypt, Kuwait, South Africa, Rest of Middle East & Africa)
- o Latin America (Brazil, Argentina, Rest of Latin America)

Top Reports

Global Mobile Robots In Logistics Market

<https://www.absolutemarketsinsights.com/reports/Global-Mobile-Robots-in-Logistics-Market-2019-2027-509>

Global Spark Plasma Sintering Market

<https://www.absolutemarketsinsights.com/reports/Global-Spark-Plasma-Sintering-Market-2022-2030-1231>

Global Quartz Tubes Market

<https://www.absolutemarketsinsights.com/reports/Quartz-Tubes-Market-2021---2029-841>

Global Remote Patient Monitoring System Market

<https://www.absolutemarketsinsights.com/reports/Remote-Patient-Monitoring-System--2020-2028-768>

Global CT Scanner Market

<https://www.absolutemarketsinsights.com/reports/CT-Scanner-Market-020---2028-757>

Global Digital Transformation B2B E-Commerce Market

<https://www.absolutemarketsinsights.com/reports/Digital-Transformation-B2B-E-commerce-2020-2028-744>

Global Elevator Market

<https://www.absolutemarketsinsights.com/reports/Elevator-Market-2019-2027-489>

Global Wheel Loaders Market

<https://www.absolutemarketsinsights.com/reports/Global-Wheel-Loaders-Market-2019-2027-343>

Global Passport Reader Market

<https://www.absolutemarketsinsights.com/reports/Global-Passport-Reader-Market-2019-2027-425>

Global Erosion Control Blankets Market

<https://www.absolutemarketsinsights.com/reports/Global-Erosion-Control-Blankets-Market-by-2019-2027-315>

Global Cryogenic Energy Storage Market

<https://www.absolutemarketsinsights.com/categories/power-and-energy>

About Us:

Absolute Markets Insights assists in providing accurate and latest trends related to consumer demand, consumer behavior, sales, and growth opportunities, for the better understanding of the market, thus helping in product designing, featuring, and demanding forecasts. Our experts provide you the end-products that can provide transparency, actionable data, cross-channel deployment program, performance, accurate testing capabilities and the ability to promote ongoing optimization. From the in-depth analysis and segregation, we serve our clients to fulfill their immediate as well as ongoing research requirements. Minute analysis impact large decisions and thereby the source of business intelligence (BI) plays an important role, which keeps us upgraded with current and upcoming market scenarios.

Contact Us:

Contact Name: Shreyas Tanna

Company: Absolute Markets Insights

Email Id: sales@absolutemarketsinsights.com

Phone: +1-510-402-1213

Website: www.absolutemarketsinsights.com

Shreyas Tanna

Absolute Markets Insights

+ +1 510-402-1213

[email us here](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/649746983>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2023 Newsmatics Inc. All Right Reserved.