

# **North America Digital Manufacturing Market 2021-2031 by Component (Hardware, Software, Services), Technology (IoT, Robotics, 3D Printing & AM, Others), Deployment (On-premises, Cloud-based), Process (Designing, Simulation, 3D Visualization, Analytics, Tooling and Processing), Industry Vertical, and Country: Trend Forecast and Growth Opportunity**

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## **Abstracts**

North America digital manufacturing market is projected to grow by 12.0% annually in the forecast period and reach \$245.4 million by 2031, driven by the emerging trend of digitalization, the extensive research and development (R&D) in the field of production technologies, the development of technologically advanced and innovative digital manufacturing tools, the implementation of the Internet of Things (IoT) and robotics, along with the increasing adoption of product lifecycle management (PLM) systems.

Highlighted with 24 tables and 64 figures, this 116-page report “North America Digital Manufacturing Market 2021-2031 by Component (Hardware, Software, Services), Technology (IoT, Robotics, 3D Printing & AM, Others), Deployment (On-premises, Cloud-based), Process (Designing, Simulation, 3D Visualization, Analytics, Tooling and Processing), Industry Vertical, and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire North America digital manufacturing market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2018-2021 and provides forecast from 2022 till 2031 with 2021 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at

least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of country market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19. The balanced (most likely) projection is used to quantify North America digital manufacturing market in every aspect of the classification from perspectives of Component, Technology, Deployment, Process, Industry Vertical, and Country.

Based on Component, the country market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Hardware

Intelligent Systems

Sensors

RFID Tags

Cameras

Navigation Systems

Other Hardware

## Software

Operation & Data Management Software

Connectivity Solutions

Remote Management & Logistic Solutions

Asset Management Solutions

Safety & Security Systems

Analytics Solutions

Other Software

## Services

Support and Maintenance

Deployment and Integration

Consulting and Training

Based on Technology, the country market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Internet of things (IoT)

Robotics

3D Printing and Additive Manufacturing

Other Technologies

By Deployment, the country market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

On-premises Model

Cloud-based Model

By Process, the country market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Computer-Based Designing

Computer-Based Simulation

Computer 3D Visualization

Digital Analytics

Tooling and Processing

Other Processes

By Industry Vertical, the country market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Industrial Machinery

Automotive and Transportation

Consumer Electronics

Aerospace and Defense

Utilities and Processes

Other Industry Verticals

Geographically, the following national/local markets are fully investigated:

U.S.

Canada

Mexico

For each key country, detailed analysis and data for annual revenue (\$mn) are available for 2021-2031. The breakdown of the regional market by country and each national market by Component, Technology, and Industry Vertical over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

ARAS Corporation

Autodesk Inc

Bestplant

CAD Schroer GmbH

Cogiscan Inc

Dassault Systems

Mentor Graphics Corporation

Parametric Technology Corporation Inc

SAP SE

Siemens AG

Tata Consultancy Services

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

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