

Europe 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

https://marketpublishers.com/r/EB8FDA094C13EN.html

Date: February 2022 Pages: 122 Price: US\$ 2,465.00 (Single User License) ID: EB8FDA094C13EN

Abstracts

Europe digital manufacturing market was valued at \$50.7 million in 2021 and will grow by 13.5% annually over 2021-2031, 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 34 tables and 68 figures, this 122-page report "Europe 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 Europe 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 Europe 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.

Europe Digital Manufacturing Market 2021-2031 by Component (Hardware, Software, Services), Technology (IoT, Ro...



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:



Germany
UK
France
Spain
Italy
Russia
Rest of Europe (further segmented into Netherlands, Switzerland, Poland, Sweden, Belgium, Austria, Ireland, Norway, Denmark, and Finland?

For each key country, detailed analysis, and data for annual revenue (\$mn) are available for 2021-2031. The breakdown of all regional markets by country and split of key national markets 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.)



Contents

1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
- 1.1.1 Industry Definition
- 1.1.2 Research Scope
- 1.2 Research Methodology
- 1.2.1 Overview of Market Research Methodology
- 1.2.2 Market Assumption
- 1.2.3 Secondary Data
- 1.2.4 Primary Data
- 1.2.5 Data Filtration and Model Design
- 1.2.6 Market Size/Share Estimation
- 1.2.7 Research Limitations
- 1.3 Executive Summary

2 MARKET OVERVIEW AND DYNAMICS

- 2.1 Market Size and Forecast
 - 2.1.1 Impact of COVID-19 on World Economy
 - 2.1.2 Impact of COVID-19 on the Market
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

3 SEGMENTATION OF EUROPE MARKET BY COMPONENT

- 3.1 Market Overview by Component
- 3.2 Hardware
 - 3.2.1 Intelligent Systems
 - 3.2.2 Sensors
 - 3.2.3 RFID Tags
 - 3.2.4 Cameras
 - 3.2.5 Navigation Systems
 - 3.2.6 Other Hardware
- 3.3 Software
 - 3.3.1 Operation & Data Management Software



- 3.3.2 Connectivity Solutions
- 3.3.3 Remote Management & Logistic Solutions
- 3.3.4 Asset Management Solutions
- 3.3.5 Safety & Security Systems
- 3.3.6 Analytics Solutions
- 3.3.7 Other Software

3.4 Services

- 3.4.1 Support and Maintenance
- 3.4.2 Deployment and Integration
- 3.4.3 Consulting and Training

4 SEGMENTATION OF EUROPE MARKET BY TECHNOLOGY

- 4.1 Market Overview by Technology
- 4.2 Internet of things (IoT)
- 4.3 Robotics
- 4.4 3D Printing and Additive Manufacturing
- 4.5 Other Technologies

5 SEGMENTATION OF EUROPE MARKET BY DEPLOYMENT

- 5.1 Market Overview by Deployment
- 5.2 On-premises Model
- 5.3 Cloud-based Model

6 SEGMENTATION OF EUROPE MARKET BY PROCESS

- 6.1 Market Overview by Process
- 6.2 Computer-Based Designing
- 6.3 Computer-Based Simulation
- 6.4 Computer 3D Visualization
- 6.5 Digital Analytics
- 6.6 Tooling and Processing
- 6.7 Other Processes

7 SEGMENTATION OF EUROPE MARKET BY INDUSTRY VERTICAL

- 7.1 Market Overview by Industry Vertical
- 7.2 Industrial Machinery



- 7.3 Automotive and Transportation
- 7.4 Consumer Electronics
- 7.5 Aerospace and Defense
- 7.6 Utilities and Processes
- 7.7 Other Industry Verticals

8 EUROPEAN MARKET 2021-2031 BY COUNTRY

- 8.1 Overview of European Market
- 8.2 Germany
- 8.3 U.K.
- 8.4 France
- 8.5 Spain
- 8.6 Italy
- 8.7 Russia
- 8.8 Rest of European Market

9 COMPETITIVE LANDSCAPE

9.1 Overview of Key Vendors
9.2 New Product Launch, Partnership, Investment, and M&A
9.3 Company Profiles
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
RELATED REPORTS



List Of Tables

LIST OF TABLES:

Table 1. Snapshot of Europe Digital Manufacturing Market in Balanced Perspective, 2021-2031

Table 2. World Economic Outlook, 2021-2031

Table 3. Main Product Trends and Market Opportunities in Europe Digital Manufacturing Market

Table 4. Europe Digital Manufacturing Market by Component, 2021-2031, \$ mn Table 5. Europe Digital Manufacturing Market: Hardware by Type, 2021-2031, \$ mn Table 6. Europe Digital Manufacturing Market: Software by Type, 2021-2031, \$ mn Table 7. Europe Digital Manufacturing Market: Services by Type, 2021-2031, \$ mn Table 8. Europe Digital Manufacturing Market by Technology, 2021-2031, \$ mn Table 9. Europe Digital Manufacturing Market by Deployment, 2021-2031, \$ mn Table 10. Europe Digital Manufacturing Market by Process, 2021-2031, \$ mn Table 11. Europe Digital Manufacturing Market by Industry Vertical, 2021-2031, \$ mn Table 12. Europe Digital Manufacturing Market by Country, 2021-2031, \$ mn Table 13. Germany Digital Manufacturing Market by Component, 2021-2031, \$ mn Table 14. Germany Digital Manufacturing Market by Technology, 2021-2031, \$ mn Table 15. Germany Digital Manufacturing Market by Industry Vertical, 2021-2031, \$ mn Table 16. U.K. Digital Manufacturing Market by Component, 2021-2031, \$ mn Table 17. U.K. Digital Manufacturing Market by Technology, 2021-2031, \$ mn Table 18. U.K. Digital Manufacturing Market by Industry Vertical, 2021-2031, \$ mn Table 19. France Digital Manufacturing Market by Component, 2021-2031, \$ mn Table 20. France Digital Manufacturing Market by Technology, 2021-2031, \$ mn Table 21. France Digital Manufacturing Market by Industry Vertical, 2021-2031, \$ mn Table 22. Spain Digital Manufacturing Market by Component, 2021-2031, \$ mn Table 23. Spain Digital Manufacturing Market by Technology, 2021-2031, \$ mn Table 24. Spain Digital Manufacturing Market by Industry Vertical, 2021-2031, \$ mn Table 25. Italy Digital Manufacturing Market by Component, 2021-2031, \$ mn Table 26. Italy Digital Manufacturing Market by Technology, 2021-2031, \$ mn Table 27. Italy Digital Manufacturing Market by Industry Vertical, 2021-2031, \$ mn Table 28. Russia Digital Manufacturing Market by Component, 2021-2031, \$ mn Table 29. Russia Digital Manufacturing Market by Technology, 2021-2031, \$ mn Table 30. Russia Digital Manufacturing Market by Industry Vertical, 2021-2031, \$ mn Table 31. Digital Manufacturing Market in Rest of Europe by Country, 2021-2031, \$ mn Table 32. ARAS Corporation: Company Snapshot Table 33. ARAS Corporation: Business Segmentation



Table 34. ARAS Corporation: Product Portfolio



List Of Figures

LIST OF FIGURES:

Figure 1. Research Method Flow Chart Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation Figure 3. Europe Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2021-2031 Figure 4. Europe Digital Manufacturing Market, 2021-2031, \$ mn Figure 5. Impact of COVID-19 on Business Figure 6. Primary Drivers and Impact Factors of Europe Digital Manufacturing Market Figure 7. World 5G Technology Market, 2019-2030, \$ bn Figure 8. World 5G Enabled IIoT Market, 2019-2030, \$ bn Figure 9. Primary Restraints and Impact Factors of Europe Digital Manufacturing Market Figure 10. Investment Opportunity Analysis Figure 11. Porter's Fiver Forces Analysis of Europe Digital Manufacturing Market Figure 12. Breakdown of Europe Digital Manufacturing Market by Component, 2021-2031, % of Revenue Figure 13. Europe Addressable Market Cap in 2022-2031 by Component, Value (\$ mn) and Share (%) Figure 14. Europe Digital Manufacturing Market by Component: Hardware, 2021-2031, \$ mn Figure 15. Europe Digital Manufacturing Market by Hardware: Intelligent Systems, 2021-2031, \$ mn Figure 16. Europe Digital Manufacturing Market by Hardware: Sensors, 2021-2031, \$ mn Figure 17. Europe Digital Manufacturing Market by Hardware: RFID Tags, 2021-2031, \$ mn Figure 18. Europe Digital Manufacturing Market by Hardware: Cameras, 2021-2031, \$ mn Figure 19. Europe Digital Manufacturing Market by Hardware: Navigation Systems, 2021-2031, \$ mn Figure 20. Europe Digital Manufacturing Market by Hardware: Other Hardware, 2021-2031, \$ mn Figure 21. Europe Digital Manufacturing Market by Component: Software, 2021-2031, \$ mn Figure 22. Europe Digital Manufacturing Market by Software: Operation & Data Management Software, 2021-2031, \$ mn Figure 23. Europe Digital Manufacturing Market by Software: Connectivity Solutions,



2021-2031, \$ mn

Figure 24. Europe Digital Manufacturing Market by Software: Remote Management & Logistic Solutions, 2021-2031, \$ mn

Figure 25. Europe Digital Manufacturing Market by Software: Asset Management Solutions, 2021-2031, \$ mn

Figure 26. Europe Digital Manufacturing Market by Software: Safety & Security Systems, 2021-2031, \$ mn

Figure 27. Europe Digital Manufacturing Market by Software: Analytics Solutions, 2021-2031, \$ mn

Figure 28. Europe Digital Manufacturing Market by Software: Other Software, 2021-2031, \$ mn

Figure 29. Europe Digital Manufacturing Market by Component: Services, 2021-2031, \$ mn

Figure 30. Europe Digital Manufacturing Market by Services: Support and Maintenance, 2021-2031, \$ mn

Figure 31. Europe Digital Manufacturing Market by Services: Deployment and Integration, 2021-2031, \$ mn

Figure 32. Europe Digital Manufacturing Market by Services: Consulting and Training, 2021-2031, \$ mn

Figure 33. Breakdown of Europe Digital Manufacturing Market by Technology,

2021-2031, % of Sales Revenue

Figure 34. Europe Addressable Market Cap in 2022-2031 by Technology, Value (\$ mn) and Share (%)

Figure 35. Europe Digital Manufacturing Market by Technology: Internet of things (IoT), 2021-2031, \$ mn

Figure 36. Europe Digital Manufacturing Market by Technology: Robotics, 2021-2031, \$ mn

Figure 37. Europe Digital Manufacturing Market by Technology: 3D Printing and Additive Manufacturing, 2021-2031, \$ mn

Figure 38. Europe Digital Manufacturing Market by Technology: Other Technologies, 2021-2031, \$ mn

Figure 39. Breakdown of Europe Digital Manufacturing Market by Deployment,

2021-2031, % of Sales Revenue

Figure 40. Europe Addressable Market Cap in 2022-2031 by Deployment, Value (\$ mn) and Share (%)

Figure 41. Europe Digital Manufacturing Market by Deployment: On-premises Model, 2021-2031, \$ mn

Figure 42. Europe Digital Manufacturing Market by Deployment: Cloud-based Model, 2021-2031, \$ mn



Figure 43. Breakdown of Europe Digital Manufacturing Market by Process, 2021-2031, % of Revenue Figure 44. Europe Addressable Market Cap in 2022-2031 by Process, Value (\$ mn) and Share (%) Figure 45. Europe Digital Manufacturing Market by Process: Computer-Based Designing, 2021-2031, \$ mn Figure 46. Europe Digital Manufacturing Market by Process: Computer-Based Simulation, 2021-2031, \$ mn Figure 47. Europe Digital Manufacturing Market by Process: Computer 3D Visualization, 2021-2031, \$ mn Figure 48. Europe Digital Manufacturing Market by Process: Digital Analytics, 2021-2031, \$ mn Figure 49. Europe Digital Manufacturing Market by Process: Tooling and Processing, 2021-2031, \$ mn Figure 50. Europe Digital Manufacturing Market by Process: Other Processes, 2021-2031, \$ mn Figure 51. Breakdown of Europe Digital Manufacturing Market by Industry Vertical, 2021-2031, % of Revenue Figure 52. Europe Addressable Market Cap in 2022-2031 by Industry Vertical, Value (\$ mn) and Share (%) Figure 53. Europe Digital Manufacturing Market by Industry Vertical: Industrial Machinery, 2021-2031, \$ mn Figure 54. Europe Digital Manufacturing Market by Industry Vertical: Automotive and Transportation, 2021-2031, \$ mn Figure 55. Europe Digital Manufacturing Market by Industry Vertical: Consumer Electronics, 2021-2031, \$ mn Figure 56. Europe Digital Manufacturing Market by Industry Vertical: Aerospace and Defense, 2021-2031, \$ mn Figure 57. Europe Digital Manufacturing Market by Industry Vertical: Utilities and Processes, 2021-2031, \$ mn Figure 58. Europe Digital Manufacturing Market by Industry Vertical: Other Industry Verticals, 2021-2031, \$ mn Figure 59. Breakdown of European Digital Manufacturing Market by Country, 2021 and 2031, % of Revenue Figure 60. Contribution to Europe 2022-2031 Cumulative Market by Country, Value (\$ mn) and Share (%) Figure 61. Digital Manufacturing Market in Germany, 2021-2031, \$ mn Figure 62. Digital Manufacturing Market in U.K., 2021-2031, \$ mn Figure 63. Digital Manufacturing Market in France, 2021-2031, \$ mn Europe Digital Manufacturing Market 2021-2031 by Component (Hardware, Software, Services), Technology (IoT, Ro..



Figure 64. Digital Manufacturing Market in Spain, 2021-2031, \$ mn

Figure 65. Digital Manufacturing Market in Italy, 2021-2031, \$ mn

Figure 66. Digital Manufacturing Market in Russia, 2021-2031, \$ mn

Figure 67. Digital Manufacturing Market in Rest of Europe, 2021-2031, \$ mn

Figure 68. Growth Stage of Europe Digital Manufacturing Industry over the Forecast Period



I would like to order

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

Product link: https://marketpublishers.com/r/EB8FDA094C13EN.html

Price: US\$ 2,465.00 (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 <u>https://marketpublishers.com/r/EB8FDA094C13EN.html</u>

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

Custumer signature _

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



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