

# Global 3D Printing Medical Device Software Market 2023-2029

<https://marketpublishers.com/r/GC3275010E65EN.html>

Date: March 2023

Pages: 69

Price: US\$ 2,850.00 (Single User License)

ID: GC3275010E65EN

## Abstracts

3D printing medical device software refers to the software that enables the creation of custom medical devices using 3D printing technology. This technology involves building objects layer by layer from a digital model, and in the case of medical devices, it allows for the creation of customized implants tailored to a patient's specific needs. The latest analysis predicts global 3D printing medical device software market will grow from USD 1,021.0 million in 2022 to USD 3,221.6 million by 2029, achieving a CAGR of 17.84 percent, according to the latest edition of the Global 3D Printing Medical Device Software Market Report. One of the key drivers of the 3D printing medical device software market is the growing demand for patient-specific medical devices. Traditional manufacturing processes are not always able to deliver customized medical implants for an individual patient's needs. However, 3D printing medical device software provides a faster and more cost-effective way to create personalized prosthetics, implants, and other medical devices. This allows medical professionals to provide more effective treatment and improved patient outcomes.

Additionally, increasing investments in research and development of 3D printing technology in the medical sector are driving the market growth. These investments are helping to enable the development of more advanced 3D printing medical device software, which can help to create even more sophisticated devices and implants for meeting the patients' demands.

Moreover, the advancements in 3D scanning technology, automated design software, and simulation software have led to the growth of the 3D printing medical device software market. This empowers medical practitioners to digitally scan the affected area of the patient, design a customized implant or prosthetic-style that integrates the patient information and data, and finally produce the device using 3D printing technology. One

of the key drivers of the 3D printing medical device software market is the growing demand for patient-specific medical devices. Traditional manufacturing processes are not always able to deliver customized medical implants for an individual patient's needs. However, 3D printing medical device software provides a faster and more cost-effective way to create personalized prosthetics, implants, and other medical devices. This allows medical professionals to provide more effective treatment and improved patient outcomes.

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The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global 3D printing medical device software market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the type, function, application, end user, and region. The global market for 3D printing medical device software can be segmented by type: integrated, standalone. Globally, the integrated segment made up the largest share of the 3D printing medical device software market. 3D printing medical device software market is further segmented by function: printing, analysis, planning, design, visualization, navigation, others. The printing segment captured the largest share of the market in 2022. Based on application, the 3D printing medical device software market is segmented into: medical imaging, dental, surgery, research, physical therapy, aesthetic medicine, others. According to the research, the medical imaging segment had the largest share in the global 3D printing medical device software market. On the basis of end user, the 3D printing medical device software market also can be divided into:

medical device companies, dental laboratories, hospitals and clinics, research institutes, others. The medical device companies segment held the largest revenue share in 2022. 3D printing medical device software market by region is categorized into: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America.

### Market Segmentation

By type: integrated, standalone

By function: printing, analysis, planning, design, visualization, navigation, others

By application: medical imaging, dental, surgery, research, physical therapy, aesthetic medicine, others

By end user: medical device companies, dental laboratories, hospitals and clinics, research institutes, others

By region: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America

The report also provides a detailed analysis of several leading 3D printing medical device software market vendors that include Stratasys Ltd., 3D Systems Corporation, Materialise NV, RealDimension Inc., CARIMA Co., Ltd., among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

**\*REQUEST FREE SAMPLE TO GET A COMPLETE LIST OF COMPANIES**

### Scope of the Report

To analyze and forecast the market size of the global 3D printing medical device software market.

To classify and forecast the global 3D printing medical device software market based on type, function, application, end user, region.

To identify drivers and challenges for the global 3D printing medical device software market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global 3D printing medical device software market.

To identify and analyze the profile of leading players operating in the global 3D printing medical device software market.

### Why Choose This Report

Gain a reliable outlook of the global 3D printing medical device software market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.  
The market estimate for ease of analysis across scenarios in Excel format.  
Strategy consulting and research support for three months.  
Print authentication provided for the single-user license.

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Stratasys Ltd.  
3D Systems Corporation  
Materialise NV  
RealDimension Inc.  
CARIMA Co., Ltd.

## **DISCLAIMER**

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