

# 4D Printing in Healthcare - Global Market Outlook (2018-2027)

<https://marketpublishers.com/r/41BC478685EAEN.html>

Date: September 2019

Pages: 138

Price: US\$ 4,150.00 (Single User License)

ID: 41BC478685EAEN

## Abstracts

According to Statistics MRC, the Global 4D Printing in Healthcare is accounted for \$4.34 million in 2018 and is expected to reach \$38.66 million by 2027 growing at a CAGR of 27.5% during the forecast period. Growing technological advancements in 3D printing technology is one of the major factors boosting the market growth. Moreover, demand for organ transplants will create ample opportunities for market growth. However, high cost of production and development may hinder the growth of the market.

4D printing helps to create a 3D physical object by adding smart material layer by layer through computer-operated computer-aided design (CAD) data. 4D printing in healthcare is the latest technology that is going to revolutionize the world of prosthetics and artificial organs. This technology can provide extensive support in the medical field, especially with better and smart medical implants, tools and devices.

By Technology, Selective Laser Sintering segment is constantly enhancing due to its manufacturing benefits. The scope of SLS printing in the healthcare industry includes medical products and dentistry. By geography, North America provides potential growth opportunities owing to the rising demand for organ transplantation in this region.

Some of the key players in 4D Printing in Healthcare market include Stratasys, Ltd, Materialise NV, 3D Systems, Inc, Envisiontec, Organovo Holdings, Inc, Dassault Systèmes, EOS GmbH, Electro Optical System, Poietis and Cadence Design Systems.

Components Covered:

Programmable Materials

Equipment

Software & Services

Applications Covered:

Patient-Specific Implants

Medical and Research Models

Surgical Guides

Technologies Covered:

Polyjet

Selective Laser Sintering

Stereolithography

Fused Deposition Modelling

End Users Covered:

Hospitals & Clinics

Dental Laboratories

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis etc.

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

#### Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

##### Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

##### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the clients interest (Note: Depends of feasibility check)

##### Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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