

4D Printing Market is Grow at a CAGR of 39% by Forecast 2022

4D printing Technology Market is growing rapidly over ~39% of CAGR and is expected to reach at USD ~ 162 million by the end of forecast period

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Market Highlights:

4D printing is still an emerging technology which is an advancement to 3D printing. 4D printing allows the components to transform into another shape when exposed to heat or humidity or any other environmental stimuli. This technology advances the shape creation process beyond 3D printing, which results into an additional design flexibility that can lead to new types of products which can adjust its functionality in response to the environment, in a pre-programmed manner.



The study indicates that 4D Printing Market technology is expected to be commercialized by 2019. The study indicates that the 4D printing technology would revolutionize the printing technologies. The study indicates that to overcome the existing issue to train and program the material after 3D printing. It has to heat up and stretched and then again cooled down to gain the desired shape 4D printing is introduced. This comfort of effortless manufacturing of things with desired structure boosts the 4D printing market. The study reveals that exploration of 4D printing technology would develop new products to benefit the customers.

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Stratasys Ltd. (U.S), Hewlett Packard Corp. (U.S.), 3D Systems Corporation (U.S.), ExOne Co. (U.S.)”

Market Research Future

The global 4D printing market is expected to grow at USD 162 Million by 2022, at 39% of CAGR between 2019 and 2022.

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Market Research Analysis:

Regional analysis for 4D printing Technology market is studied in different geographic regions as Americas, Europe, Asia-Pacific and Rest of world. It has been estimated that North America region would account for larger share in 4D printing Technology sector followed by Europe region.

The study indicates that high investments in R & D are seen in the North America region which is boosting the 4D printing technology. Asia-Pacific countries like China, Japan, Singapore and Korea would show a significant growth in the 4D printing market during the forecast period. There has been a news that, Zhen Ding at the Singapore University of Technology and Design and his colleagues have now developed a way to rapidly print rigid 4D objects with a commercial 3D printer and a heat source.

Taste the market data and market information presented through more than 30 market data tables and figures spread over 100 numbers of pages of the project report. Avail the in-depth table of content TOC & market synopsis on [“4D Printing Technology Market - Forecast to 2022”](#).

Key Player:

- Stratasys Ltd. (U.S)
- Hewlett Packard Corp. (U.S.)
- 3D Systems Corporation (U.S.)
- ExOne Co. (U.S.)
- Autodesk, Inc. (U.S.)
- Organovo Holdings, Inc. (U.S.)
- Materialise NV (Belgium)
- Dassault Systèmes SA (France)

Segmentation:

The 4D printing Technology Market has been segmented on the basis of application and region. By application segment it's been observed that aerospace and defense industry would expect a substantial increase in 4D printing Technology market. The study indicates that further development and advancement of 4D printing Technology would show significant growth of market in other industries as automotive, healthcare and others.

Regional Analysis

The regional analysis for 4D printing market is being studied for region such as Asia pacific, North America, Europe and Rest of the World. The study indicates that North America would dominate the 4D printing market owing to the technological advancements in 3D printing and due to the high adoption of 3D printing on a large scale. The European region is expected to have the second biggest market share in the 4D printing market. As 4D printing is a niche technology Asia-Pacific region would have considerable adoption 4D printing technology by the end of forecast period.

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Intended Audience:

- Technology investors
- 3D printing original equipment manufacturers (OEMs)
- Raw material and manufacturing equipment suppliers
- Electronic design automation (EDA) and design tool vendors
- 3D printing intellectual property players
- 3D printer component manufacturers
- 3D printing product manufacturers (ODMs)
- ODM and OEM technology solution providers
- Integrated device manufacturers (IDMs)
- Assembly, testing, and packaging vendors
- Distributors and traders
- Research organizations
- Technology standard organization and associations

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