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North America 3D Printing Market (2016-2022)

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Abstracts

North America with countries such as U.S. and Canada is considered as an early adopter of advanced technologies. 3D printing offers integration of metals & alloys with other raw materials as per the requirement of the end-user industry, to create specified 3 dimensional objects. Over the past decade, additive manufacturing technologies have drastically changed the way of designing, development and manufacturing of industrial goods. The region dominated the 3D printing market, owing to increased demand for 3D printing technology in industrial sectors including healthcare, manufacturing, aerospace and defense, automotive, construction and consumer goods. This has propelled numerous companies to invest in the emerging 3D technology in the countries such as U.S., Canada and Mexico. Healthcare sector has emerged as one of the target industries for the technology, as various prosthetic parts and medical instruments are prepared using 3D printing technology, having a wide application in the medical market. In the automotive industry 3D printing technology is capable of developing lightweight parts at a reasonable price ranges. In the automotive industry, 3D printing technologies have introduced new shapes into the industry, allowing the industry to produce lighter and more complex structures at affordable price ranges.

The North America 3D Printing market is segmented based on component, sub-component, technology, application and vertical. Products, materials and services are the major components considered while analyzing the 3D printing industry. Currently, service segment dominates the 3D Printing market; product segment on the other hand is expected to register fastest growth, owing to increasing demand for desktop 3D printer. Based on material type, the market is divided into polymer, metal & alloy, metal & alloy and others. In 2014, polymer segment dominated the North America 3D printing material type market. Stereolithography, selective laser sintering, electron beam melting, fused deposition modeling, laminated object manufacturing and others are the major technologies considered while analyzing the North America 3D printing market. Education/Research, Visual Aids, Presentation Modeling, Fit and Assembly, Prototype

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Tooling, Metal Casting, Functional Parts and other are the major application area of 3D printing technology. Furthermore, 3D printing technique is majorly applied in industrial sector such as education, automotive, aerospace & defense, healthcare, consumer goods, manufacturing, construction and others.

For better understanding of the market penetration of 3D printing the market is analyzed based on countries including U.S., Canada, Mexico and rest of North America. In 2014, U.S. dominated the market with maximum share in terms of revenue. Mexico on the other hand is expected to witness fastest growth during the forecast period.

The report also highlights few prominent players operating in the 3D Printing market. Key companies profiled in the report include 3D Systems Corporation, Arcam AB, Royal DSM N.V., ExOne GmbH, Autodesk, Inc., Stratasys Ltd., Hoganas AB, Ponoko Limited, Mcor Technologies Limited and Optomec, Inc.

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