

# Global 3D & 4D Technology Market Analysis and Forecast 2024-2030

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## Abstracts

### Summary

3D (three dimensional) technology has emerged as a technology that is being used in animation films, motion pictures, displays, imaging, and other products; which have finally extended to the other functions such as three dimensional modeling, designing, and rapid prototyping. 3D technology provides illusion effects of depth perception; and viewers get to enjoy a different kind of an experience with this technology. There are a number of products and applications of 3D technology such as 3D display, 3D film, 3D camera, 3D animation, and 3D printer, among others. All these applications or products use 3D as their core technology. To generate certain images of 3D, these applications and products use various technologies, and programming and Integrated Circuits (ICs).

3D technology covers a wide range of activities like 3D design, 3D scanning, 3D printing (rapid prototyping/additive manufacturing,) and other related technologies. 3D is a diverse technology, which can be utilized in various fields such as design, entertainment, manufacturing, construction, and medicine, among others.

According to APO Research, The global 3D & 4D Technology market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

The US & Canada market for 3D & 4D Technology is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for 3D & 4D Technology is estimated to increase from \$ million in

2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The China market for 3D & 4D Technology is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for 3D & 4D Technology is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global companies of 3D & 4D Technology include Samsung Electronics, Sony, Dassault Systems, Google Inc, Hexagon, Dreamworks, Autodesk, Stratasys and 3D Systems Corporation, etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

### Report Includes

This report presents an overview of global market for 3D & 4D Technology, market size. Analyses of the global market trends, with historic market revenue data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of 3D & 4D Technology, also provides the revenue of main regions and countries. Of the upcoming market potential for 3D & 4D Technology, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the 3D & 4D Technology revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global 3D & 4D Technology market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by Type and by Application, revenue, and growth rate, from 2019 to 2030. Evaluation and forecast the market size for 3D & 4D

Technology revenue, projected growth trends, production technology, application and end-user industry.

### 3D & 4D Technology segment by Company

Samsung Electronics

Sony

Dassault Systems

Google Inc

Hexagon

Dreamworks

Autodesk

Stratasys

3D Systems Corporation

Faro Technologies

Barco NV

Cognex Corporation

Dolby Laboratories

### 3D & 4D Technology segment by Type

3D/4D Output Devices

3D Imaging Solutions

3D Input Devices

## 3D/4D Applications

### 3D & 4D Technology segment by Application

Entertainment

Consumer Electronics

Automotive

Construction

Industrial Manufacturing

Healthcare

Military & Defense

Others

### 3D & 4D Technology segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

## Study Objectives

1. To analyze and research the global status and future forecast, involving growth rate (CAGR), market share, historical and forecast.
2. To present the key players, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

## Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global 3D & 4D Technology market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of 3D & 4D Technology and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in market size), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest

developments in the market.

5. This report helps stakeholders to gain insights into which regions to target globally.

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of 3D & 4D Technology.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Chapter Outline

Chapter 1: Introduces the report scope of the report, executive summary of different market segments (product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 2: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3: Revenue of 3D & 4D Technology in global and regional level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 4: Detailed analysis of 3D & 4D Technology company competitive landscape, revenue, market share and industry ranking, latest development plan, merger, and acquisition information, etc.

Chapter 5: Provides the analysis of various market segments by type, covering the revenue, and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 6: Provides the analysis of various market segments by application, covering the revenue, and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 7: Provides profiles of key companies, introducing the basic situation of the main companies in the market in detail, including product descriptions and specifications, 3D & 4D Technology revenue, gross margin, and recent development, etc.

Chapter 8: North America (US & Canada) by type, by application and by country, revenue for each segment.

Chapter 9: Europe by type, by application and by country, revenue for each segment.

Chapter 10: China type, by application, revenue for each segment.

Chapter 11: Asia (excluding China) type, by application and by region, revenue for each segment.

Chapter 12: Middle East, Africa, and Latin America type, by application and by country, revenue for each segment.

Chapter 13: The main concluding insights of the report.



## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 3D & 4D Technology Market by Type
  - 1.2.1 Global 3D & 4D Technology Market Size by Type, 2019 VS 2023 VS 2030
  - 1.2.2 3D/4D Output Devices
  - 1.2.3 3D Imaging Solutions
  - 1.2.4 3D Input Devices
  - 1.2.5 3D/4D Applications
- 1.3 3D & 4D Technology Market by Application
  - 1.3.1 Global 3D & 4D Technology Market Size by Application, 2019 VS 2023 VS 2030
  - 1.3.2 Entertainment
  - 1.3.3 Consumer Electronics
  - 1.3.4 Automotive
  - 1.3.5 Construction
  - 1.3.6 Industrial Manufacturing
  - 1.3.7 Healthcare
  - 1.3.8 Military & Defense
  - 1.3.9 Others
- 1.4 Assumptions and Limitations
- 1.5 Study Goals and Objectives

### 2 3D & 4D TECHNOLOGY MARKET DYNAMICS

- 2.1 3D & 4D Technology Industry Trends
- 2.2 3D & 4D Technology Industry Drivers
- 2.3 3D & 4D Technology Industry Opportunities and Challenges
- 2.4 3D & 4D Technology Industry Restraints

### 3 GLOBAL GROWTH PERSPECTIVE

- 3.1 Global 3D & 4D Technology Market Perspective (2019-2030)
- 3.2 Global 3D & 4D Technology Growth Trends by Region
  - 3.2.1 Global 3D & 4D Technology Market Size by Region: 2019 VS 2023 VS 2030
  - 3.2.2 Global 3D & 4D Technology Market Size by Region (2019-2024)
  - 3.2.3 Global 3D & 4D Technology Market Size by Region (2025-2030)

## **4 COMPETITIVE LANDSCAPE BY PLAYERS**

### 4.1 Global 3D & 4D Technology Revenue by Players

4.1.1 Global 3D & 4D Technology Revenue by Players (2019-2024)

4.1.2 Global 3D & 4D Technology Revenue Market Share by Players (2019-2024)

4.1.3 Global 3D & 4D Technology Players Revenue Share Top 10 and Top 5 in 2023

### 4.2 Global 3D & 4D Technology Key Players Ranking, 2022 VS 2023 VS 2024

### 4.3 Global 3D & 4D Technology Key Players Headquarters & Area Served

### 4.4 Global 3D & 4D Technology Players, Product Type & Application

### 4.5 Global 3D & 4D Technology Players Commercialization Time

### 4.6 Market Competitive Analysis

4.6.1 Global 3D & 4D Technology Market CR5 and HHI

4.6.2 Global Top 5 and 10 3D & 4D Technology Players Market Share by Revenue in 2023

4.6.3 2023 3D & 4D Technology Tier 1, Tier 2, and Tier

## **5 3D & 4D TECHNOLOGY MARKET SIZE BY TYPE**

### 5.1 Global 3D & 4D Technology Revenue by Type (2019 VS 2023 VS 2030)

### 5.2 Global 3D & 4D Technology Revenue by Type (2019-2030)

### 5.3 Global 3D & 4D Technology Revenue Market Share by Type (2019-2030)

## **6 3D & 4D TECHNOLOGY MARKET SIZE BY APPLICATION**

### 6.1 Global 3D & 4D Technology Revenue by Application (2019 VS 2023 VS 2030)

### 6.2 Global 3D & 4D Technology Revenue by Application (2019-2030)

### 6.3 Global 3D & 4D Technology Revenue Market Share by Application (2019-2030)

## **7 COMPANY PROFILES**

### 7.1 Samsung Electronics

7.1.1 Samsung Electronics Company Information

7.1.2 Samsung Electronics Business Overview

7.1.3 Samsung Electronics 3D & 4D Technology Revenue and Gross Margin (2019-2024)

7.1.4 Samsung Electronics 3D & 4D Technology Product Portfolio

7.1.5 Samsung Electronics Recent Developments

### 7.2 Sony

7.2.1 Sony Company Information

- 7.2.2 Sony Business Overview
- 7.2.3 Sony 3D & 4D Technology Revenue and Gross Margin (2019-2024)
- 7.2.4 Sony 3D & 4D Technology Product Portfolio
- 7.2.5 Sony Recent Developments
- 7.3 Dassault Systems
  - 7.3.1 Dassault Systems Company Information
  - 7.3.2 Dassault Systems Business Overview
  - 7.3.3 Dassault Systems 3D & 4D Technology Revenue and Gross Margin (2019-2024)
  - 7.3.4 Dassault Systems 3D & 4D Technology Product Portfolio
  - 7.3.5 Dassault Systems Recent Developments
- 7.4 Google Inc
  - 7.4.1 Google Inc Company Information
  - 7.4.2 Google Inc Business Overview
  - 7.4.3 Google Inc 3D & 4D Technology Revenue and Gross Margin (2019-2024)
  - 7.4.4 Google Inc 3D & 4D Technology Product Portfolio
  - 7.4.5 Google Inc Recent Developments
- 7.5 Hexagon
  - 7.5.1 Hexagon Company Information
  - 7.5.2 Hexagon Business Overview
  - 7.5.3 Hexagon 3D & 4D Technology Revenue and Gross Margin (2019-2024)
  - 7.5.4 Hexagon 3D & 4D Technology Product Portfolio
  - 7.5.5 Hexagon Recent Developments
- 7.6 Dreamworks
  - 7.6.1 Dreamworks Company Information
  - 7.6.2 Dreamworks Business Overview
  - 7.6.3 Dreamworks 3D & 4D Technology Revenue and Gross Margin (2019-2024)
  - 7.6.4 Dreamworks 3D & 4D Technology Product Portfolio
  - 7.6.5 Dreamworks Recent Developments
- 7.7 Autodesk
  - 7.7.1 Autodesk Company Information
  - 7.7.2 Autodesk Business Overview
  - 7.7.3 Autodesk 3D & 4D Technology Revenue and Gross Margin (2019-2024)
  - 7.7.4 Autodesk 3D & 4D Technology Product Portfolio
  - 7.7.5 Autodesk Recent Developments
- 7.8 Strataysys
  - 7.8.1 Strataysys Company Information
  - 7.8.2 Strataysys Business Overview
  - 7.8.3 Strataysys 3D & 4D Technology Revenue and Gross Margin (2019-2024)
  - 7.8.4 Strataysys 3D & 4D Technology Product Portfolio

### 7.8.5 Stratasys Recent Developments

## 7.9 3D Systems Corporation

### 7.9.1 3D Systems Corporation Company Information

### 7.9.2 3D Systems Corporation Business Overview

### 7.9.3 3D Systems Corporation 3D & 4D Technology Revenue and Gross Margin (2019-2024)

### 7.9.4 3D Systems Corporation 3D & 4D Technology Product Portfolio

### 7.9.5 3D Systems Corporation Recent Developments

## 7.10 Faro Technologies

### 7.10.1 Faro Technologies Company Information

### 7.10.2 Faro Technologies Business Overview

### 7.10.3 Faro Technologies 3D & 4D Technology Revenue and Gross Margin (2019-2024)

### 7.10.4 Faro Technologies 3D & 4D Technology Product Portfolio

### 7.10.5 Faro Technologies Recent Developments

## 7.11 Barco NV

### 7.11.1 Barco NV Company Information

### 7.11.2 Barco NV Business Overview

### 7.11.3 Barco NV 3D & 4D Technology Revenue and Gross Margin (2019-2024)

### 7.11.4 Barco NV 3D & 4D Technology Product Portfolio

### 7.11.5 Barco NV Recent Developments

## 7.12 Cognex Corporation

### 7.12.1 Cognex Corporation Company Information

### 7.12.2 Cognex Corporation Business Overview

### 7.12.3 Cognex Corporation 3D & 4D Technology Revenue and Gross Margin (2019-2024)

### 7.12.4 Cognex Corporation 3D & 4D Technology Product Portfolio

### 7.12.5 Cognex Corporation Recent Developments

## 7.13 Dolby Laboratories

### 7.13.1 Dolby Laboratories Company Information

### 7.13.2 Dolby Laboratories Business Overview

### 7.13.3 Dolby Laboratories 3D & 4D Technology Revenue and Gross Margin (2019-2024)

### 7.13.4 Dolby Laboratories 3D & 4D Technology Product Portfolio

### 7.13.5 Dolby Laboratories Recent Developments

## 8 NORTH AMERICA

### 8.1 North America 3D & 4D Technology Revenue (2019-2030)

- 8.2 North America 3D & 4D Technology Revenue by Type (2019-2030)
  - 8.2.1 North America 3D & 4D Technology Revenue by Type (2019-2024)
  - 8.2.2 North America 3D & 4D Technology Revenue by Type (2025-2030)
- 8.3 North America 3D & 4D Technology Revenue Share by Type (2019-2030)
- 8.4 North America 3D & 4D Technology Revenue by Application (2019-2030)
  - 8.4.1 North America 3D & 4D Technology Revenue by Application (2019-2024)
  - 8.4.2 North America 3D & 4D Technology Revenue by Application (2025-2030)
- 8.5 North America 3D & 4D Technology Revenue Share by Application (2019-2030)
- 8.6 North America 3D & 4D Technology Revenue by Country
  - 8.6.1 North America 3D & 4D Technology Revenue by Country (2019 VS 2023 VS 2030)
  - 8.6.2 North America 3D & 4D Technology Revenue by Country (2019-2024)
  - 8.6.3 North America 3D & 4D Technology Revenue by Country (2025-2030)
  - 8.6.4 U.S.
  - 8.6.5 Canada

## **9 EUROPE**

- 9.1 Europe 3D & 4D Technology Revenue (2019-2030)
- 9.2 Europe 3D & 4D Technology Revenue by Type (2019-2030)
  - 9.2.1 Europe 3D & 4D Technology Revenue by Type (2019-2024)
  - 9.2.2 Europe 3D & 4D Technology Revenue by Type (2025-2030)
- 9.3 Europe 3D & 4D Technology Revenue Share by Type (2019-2030)
- 9.4 Europe 3D & 4D Technology Revenue by Application (2019-2030)
  - 9.4.1 Europe 3D & 4D Technology Revenue by Application (2019-2024)
  - 9.4.2 Europe 3D & 4D Technology Revenue by Application (2025-2030)
- 9.5 Europe 3D & 4D Technology Revenue Share by Application (2019-2030)
- 9.6 Europe 3D & 4D Technology Revenue by Country
  - 9.6.1 Europe 3D & 4D Technology Revenue by Country (2019 VS 2023 VS 2030)
  - 9.6.2 Europe 3D & 4D Technology Revenue by Country (2019-2024)
  - 9.6.3 Europe 3D & 4D Technology Revenue by Country (2025-2030)
  - 9.6.4 Germany
  - 9.6.5 France
  - 9.6.6 U.K.
  - 9.6.7 Italy
  - 9.6.8 Russia

## **10 CHINA**

- 10.1 China 3D & 4D Technology Revenue (2019-2030)
- 10.2 China 3D & 4D Technology Revenue by Type (2019-2030)
  - 10.2.1 China 3D & 4D Technology Revenue by Type (2019-2024)
  - 10.2.2 China 3D & 4D Technology Revenue by Type (2025-2030)
- 10.3 China 3D & 4D Technology Revenue Share by Type (2019-2030)
- 10.4 China 3D & 4D Technology Revenue by Application (2019-2030)
  - 10.4.1 China 3D & 4D Technology Revenue by Application (2019-2024)
  - 10.4.2 China 3D & 4D Technology Revenue by Application (2025-2030)
- 10.5 China 3D & 4D Technology Revenue Share by Application (2019-2030)

## **11 ASIA (EXCLUDING CHINA)**

- 11.1 Asia 3D & 4D Technology Revenue (2019-2030)
- 11.2 Asia 3D & 4D Technology Revenue by Type (2019-2030)
  - 11.2.1 Asia 3D & 4D Technology Revenue by Type (2019-2024)
  - 11.2.2 Asia 3D & 4D Technology Revenue by Type (2025-2030)
- 11.3 Asia 3D & 4D Technology Revenue Share by Type (2019-2030)
- 11.4 Asia 3D & 4D Technology Revenue by Application (2019-2030)
  - 11.4.1 Asia 3D & 4D Technology Revenue by Application (2019-2024)
  - 11.4.2 Asia 3D & 4D Technology Revenue by Application (2025-2030)
- 11.5 Asia 3D & 4D Technology Revenue Share by Application (2019-2030)
- 11.6 Asia 3D & 4D Technology Revenue by Country
  - 11.6.1 Asia 3D & 4D Technology Revenue by Country (2019 VS 2023 VS 2030)
  - 11.6.2 Asia 3D & 4D Technology Revenue by Country (2019-2024)
  - 11.6.3 Asia 3D & 4D Technology Revenue by Country (2025-2030)
  - 11.6.4 Japan
  - 11.6.5 South Korea
  - 11.6.6 India
  - 11.6.7 Australia
  - 11.6.8 China Taiwan
  - 11.6.9 Southeast Asia

## **12 MIDDLE EAST, AFRICA, LATIN AMERICA**

- 12.1 MEALA 3D & 4D Technology Revenue (2019-2030)
- 12.2 MEALA 3D & 4D Technology Revenue by Type (2019-2030)
  - 12.2.1 MEALA 3D & 4D Technology Revenue by Type (2019-2024)
  - 12.2.2 MEALA 3D & 4D Technology Revenue by Type (2025-2030)
- 12.3 MEALA 3D & 4D Technology Revenue Share by Type (2019-2030)

- 12.4 MEALA 3D & 4D Technology Revenue by Application (2019-2030)
  - 12.4.1 MEALA 3D & 4D Technology Revenue by Application (2019-2024)
  - 12.4.2 MEALA 3D & 4D Technology Revenue by Application (2025-2030)
- 12.5 MEALA 3D & 4D Technology Revenue Share by Application (2019-2030)
- 12.6 MEALA 3D & 4D Technology Revenue by Country
  - 12.6.1 MEALA 3D & 4D Technology Revenue by Country (2019 VS 2023 VS 2030)
  - 12.6.2 MEALA 3D & 4D Technology Revenue by Country (2019-2024)
  - 12.6.3 MEALA 3D & 4D Technology Revenue by Country (2025-2030)
  - 12.6.4 Mexico
  - 12.6.5 Brazil
  - 12.6.6 Israel
  - 12.6.7 Argentina
  - 12.6.8 Colombia
  - 12.6.9 Turkey
  - 12.6.10 Saudi Arabia
  - 12.6.11 UAE

## **13 CONCLUDING INSIGHTS**

## **14 APPENDIX**

- 14.1 Reasons for Doing This Study
- 14.2 Research Methodology
- 14.3 Research Process
- 14.4 Authors List of This Report
- 14.5 Data Source
  - 14.5.1 Secondary Sources
  - 14.5.2 Primary Sources
- 14.6 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global 3D & 4D Technology Market Size Growth Rate by Type (US\$ Million), 2019 VS 2023 VS 2030

Table 1. 3D/4D Output Devices Major Manufacturers

Table 2. 3D Imaging Solutions Major Manufacturers

Table 3. 3D Input Devices Major Manufacturers

Table 4. 3D/4D Applications Major Manufacturers

Table 5. Global 3D & 4D Technology Market Size Growth Rate by Application (US\$ Million), 2019 VS 2023 VS 2030

Table 6. Entertainment Major Manufacturers

Table 7. Consumer Electronics Major Manufacturers

Table 8. Automotive Major Manufacturers

Table 9. Construction Major Manufacturers

Table 10. Industrial Manufacturing Major Manufacturers

Table 11. Healthcare Major Manufacturers

Table 12. Military & Defense Major Manufacturers

Table 13. Others Major Manufacturers

Table 14. 3D & 4D Technology Industry Trends

Table 15. 3D & 4D Technology Industry Drivers

Table 16. 3D & 4D Technology Industry Opportunities and Challenges

Table 17. 3D & 4D Technology Industry Restraints

Table 18. Global 3D & 4D Technology Market Size Growth Rate (CAGR) by Region (US\$ Million): 2019 VS 2023 VS 2030

Table 19. Global 3D & 4D Technology Market Size by Region (2019-2024) & (US\$ Million)

Table 20. Global 3D & 4D Technology Market Share by Region (2019-2024)

Table 21. Global 3D & 4D Technology Market Size by Region (2025-2030) & (US\$ Million)

Table 22. Global 3D & 4D Technology Market Share by Region (2025-2030)

Table 23. Global 3D & 4D Technology Revenue by Players (US\$ Million) & (2019-2024)

Table 24. Global 3D & 4D Technology Revenue Market Share by Players (2019-2024)

Table 25. Global 3D & 4D Technology Key Players Ranking, 2022 VS 2023 VS 2024

Table 26. Global 3D & 4D Technology Key Players Headquarters & Area Served

Table 27. Global 3D & 4D Technology Players, Product Type & Application

Table 28. Global 3D & 4D Technology Players Commercialization Time

Table 29. Global Players Market Concentration Ratio (CR5 and HHI)



Table 30. Global 3D & 4D Technology by Players Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue of 2023)

Table 31. Global 3D & 4D Technology Revenue by Type 2019 VS 2023 VS 2030 (US\$ Million)

Table 32. Global 3D & 4D Technology Revenue by Type (2019-2024) & (US\$ Million)

Table 33. Global 3D & 4D Technology Revenue by Type (2025-2030) & (US\$ Million)

Table 34. Global 3D & 4D Technology Revenue Market Share by Type (2019-2024) & (US\$ Million)

Table 35. Global 3D & 4D Technology Revenue Market Share by Type (2025-2030) & (US\$ Million)

Table 36. Global 3D & 4D Technology Revenue by Application 2019 VS 2023 VS 2030 (US\$ Million)

Table 37. Global 3D & 4D Technology Revenue by Application (2019-2024) & (US\$ Million)

Table 38. Global 3D & 4D Technology Revenue by Application (2025-2030) & (US\$ Million)

Table 39. Global 3D & 4D Technology Revenue Market Share by Application (2019-2024) & (US\$ Million)

Table 40. Global 3D & 4D Technology Revenue Market Share by Application (2025-2030) & (US\$ Million)

Table 41. Samsung Electronics Company Information

Table 42. Samsung Electronics Business Overview

Table 43. Samsung Electronics 3D & 4D Technology Revenue and Gross Margin (US\$ Million) & (2019-2024)

Table 44. Samsung Electronics 3D & 4D Technology Product Portfolio

Table 45. Samsung Electronics Recent Development

Table 46. Sony Company Information

Table 47. Sony Business Overview

Table 48. Sony 3D & 4D Technology Revenue and Gross Margin (US\$ Million) & (2019-2024)

Table 49. Sony 3D & 4D Technology Product Portfolio

Table 50. Sony Recent Development

Table 51. Dassault Systems Company Information

Table 52. Dassault Systems Business Overview

Table 53. Dassault Systems 3D & 4D Technology Revenue and Gross Margin (US\$ Million) & (2019-2024)

Table 54. Dassault Systems 3D & 4D Technology Product Portfolio

Table 55. Dassault Systems Recent Development

Table 56. Google Inc Company Information

- Table 57. Google Inc Business Overview
- Table 58. Google Inc 3D & 4D Technology Revenue and Gross Margin (US\$ Million) & (2019-2024)
- Table 59. Google Inc 3D & 4D Technology Product Portfolio
- Table 60. Google Inc Recent Development
- Table 61. Hexagon Company Information
- Table 62. Hexagon Business Overview
- Table 63. Hexagon 3D & 4D Technology Revenue and Gross Margin (US\$ Million) & (2019-2024)
- Table 64. Hexagon 3D & 4D Technology Product Portfolio
- Table 65. Hexagon Recent Development
- Table 66. Dreamworks Company Information
- Table 67. Dreamworks Business Overview
- Table 68. Dreamworks 3D & 4D Technology Revenue and Gross Margin (US\$ Million) & (2019-2024)
- Table 69. Dreamworks 3D & 4D Technology Product Portfolio
- Table 70. Dreamworks Recent Development
- Table 71. Autodesk Company Information
- Table 72. Autodesk Business Overview
- Table 73. Autodesk 3D & 4D Technology Revenue and Gross Margin (US\$ Million) & (2019-2024)
- Table 74. Autodesk 3D & 4D Technology Product Portfolio
- Table 75. Autodesk Recent Development
- Table 76. Strataysys Company Information
- Table 77. Strataysys Business Overview
- Table 78. Strataysys 3D & 4D Technology Revenue and Gross Margin (US\$ Million) & (2019-2024)
- Table 79. Strataysys 3D & 4D Technology Product Portfolio
- Table 80. Strataysys Recent Development
- Table 81. 3D Systems Corporation Company Information
- Table 82. 3D Systems Corporation Business Overview
- Table 83. 3D Systems Corporation 3D & 4D Technology Revenue and Gross Margin (US\$ Million) & (2019-2024)
- Table 84. 3D Systems Corporation 3D & 4D Technology Product Portfolio
- Table 85. 3D Systems Corporation Recent Development
- Table 86. Faro Technologies Company Information
- Table 87. Faro Technologies Business Overview
- Table 88. Faro Technologies 3D & 4D Technology Revenue and Gross Margin (US\$ Million) & (2019-2024)

- Table 89. Faro Technologies 3D & 4D Technology Product Portfolio
- Table 90. Faro Technologies Recent Development
- Table 91. Barco NV Company Information
- Table 92. Barco NV Business Overview
- Table 93. Barco NV 3D & 4D Technology Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 94. Barco NV 3D & 4D Technology Product Portfolio
- Table 95. Barco NV Recent Development
- Table 96. Cognex Corporation Company Information
- Table 97. Cognex Corporation Business Overview
- Table 98. Cognex Corporation 3D & 4D Technology Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 99. Cognex Corporation 3D & 4D Technology Product Portfolio
- Table 100. Cognex Corporation Recent Development
- Table 101. Dolby Laboratories Company Information
- Table 102. Dolby Laboratories Business Overview
- Table 103. Dolby Laboratories 3D & 4D Technology Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 104. Dolby Laboratories 3D & 4D Technology Product Portfolio
- Table 105. Dolby Laboratories Recent Development
- Table 106. North America 3D & 4D Technology Revenue by Type (2019-2024) & (US\$ Million)
- Table 107. North America 3D & 4D Technology Revenue by Application (2019-2024) & (US\$ Million)
- Table 108. North America 3D & 4D Technology Revenue by Country (2019 VS 2023 VS 2030) & (US\$ Million)
- Table 109. North America 3D & 4D Technology Revenue by Country (2019-2024) & (US\$ Million)
- Table 110. North America 3D & 4D Technology Revenue by Country (2025-2030) & (US\$ Million)
- Table 111. Europe 3D & 4D Technology Revenue by Type (2019-2024) & (US\$ Million)
- Table 112. Europe 3D & 4D Technology Revenue by Application (2019-2024) & (US\$ Million)
- Table 113. Europe 3D & 4D Technology Revenue by Country (2019 VS 2023 VS 2030) & (US\$ Million)
- Table 114. Europe 3D & 4D Technology Revenue by Country (2019-2024) & (US\$ Million)
- Table 115. Europe 3D & 4D Technology Revenue by Country (2025-2030) & (US\$ Million)

Table 116. China 3D & 4D Technology Revenue by Type (2019-2024) & (US\$ Million)

Table 117. China 3D & 4D Technology Revenue by Application (2019-2024) & (US\$ Million)

Table 118. Asia 3D & 4D Technology Revenue by Type (2019-2024) & (US\$ Million)

Table 119. Asia 3D & 4D Technology Revenue by Application (2019-2024) & (US\$ Million)

Table 120. Asia 3D & 4D Technology Revenue by Country (2019 VS 2023 VS 2030) & (US\$ Million)

Table 121. Asia 3D & 4D Technology Revenue by Country (2019-2024) & (US\$ Million)

Table 122. Asia 3D & 4D Technology Revenue by Country (2025-2030) & (US\$ Million)

Table 123. MEALA 3D & 4D Technology Revenue by Type (2019-2024) & (US\$ Million)

Table 124. MEALA 3D & 4D Technology Revenue by Application (2019-2024) & (US\$ Million)

Table 125. MEALA 3D & 4D Technology Revenue by Country (2019 VS 2023 VS 2030) & (US\$ Million)

Table 126. MEALA 3D & 4D Technology Revenue by Country (2019-2024) & (US\$ Million)

Table 127. MEALA 3D & 4D Technology Revenue by Country (2025-2030) & (US\$ Million)

Table 128. Research Programs/Design for This Report

Table 129. Authors List of This Report

Table 130. Secondary Sources

Table 131. Primary Sources

## List Of Figures

### LIST OF FIGURES

Figure 1. 3D & 4D Technology Product Picture

Figure 2. Global 3D & 4D Technology Market Size Growth Rate by Type (US\$ Million), 2019 VS 2023 VS 2030

Figure 3. Global 3D & 4D Technology Market Size Share 2019 VS 2023 VS 2030

Figure 4. 3D/4D Output Devices Picture

Figure 5. 3D Imaging Solutions Picture

Figure 6. 3D Input Devices Picture

Figure 7. 3D/4D Applications Picture

Figure 8. Global 3D & 4D Technology Market Size Growth Rate by Application (US\$ Million), 2019 VS 2023 VS 2030

Figure 9. Global 3D & 4D Technology Market Size Share 2019 VS 2023 VS 2030

Figure 10. Entertainment Picture

Figure 11. Consumer Electronics Picture

Figure 12. Automotive Picture

Figure 13. Construction Picture

Figure 14. Industrial Manufacturing Picture

Figure 15. Healthcare Picture

Figure 16. Military & Defense Picture

Figure 17. Others Picture

Figure 18. Global 3D & 4D Technology Market Size (US\$ Million) & (2019-2030)

Figure 19. Global 3D & 4D Technology Market Size, (US\$ Million), 2019 VS 2023 VS 2030

Figure 20. Global 3D & 4D Technology Market Share by Region: 2019 VS 2023 VS 2030

Figure 21. Global 3D & 4D Technology Players Revenue Share Top 10 and Top 5 in 2023

Figure 22. Players Type (Tier 1, Tier 2, and Tier 3): 2019 VS 2023

Figure 23. Global 3D & 4D Technology Revenue by Type (2019 VS 2023 VS 2030) & (US\$ Million)

Figure 24. Global 3D & 4D Technology Revenue Market Share 2019 VS 2023 VS 2030

Figure 25. Global 3D & 4D Technology Revenue Market Share by Type (2019-2030)

Figure 26. Global 3D & 4D Technology Revenue by Application (2019 VS 2023 VS 2030) & (US\$ Million)

Figure 27. Global 3D & 4D Technology Revenue Market Share by Application (2019 VS 2023 VS 2030)

Figure 28. Global 3D & 4D Technology Revenue Market Share by Application (2019-2030)

Figure 29. North America 3D & 4D Technology Revenue YoY Growth (2019-2030) & (US\$ Million)

Figure 30. North America 3D & 4D Technology Revenue by Type (2025-2030) & (US\$ Million)

Figure 31. North America 3D & 4D Technology Revenue Share by Type (2019-2030)

Figure 32. North America 3D & 4D Technology Revenue by Application (2025-2030) & (US\$ Million)

Figure 33. North America 3D & 4D Technology Revenue Share by Application (2019-2030)

Figure 34. North America 3D & 4D Technology Revenue Share by Country (2019-2030)

Figure 35. United States 3D & 4D Technology Revenue YoY Growth (US\$ Million) & (2019-2030)

Figure 36. Canada 3D & 4D Technology Revenue YoY Growth (US\$ Million) & (2019-2030)

Figure 37. Europe 3D & 4D Technology Revenue YoY Growth (2019-2030) & (US\$ Million)

Figure 38. Europe 3D & 4D Technology Revenue by Type (2025-2030) & (US\$ Million)

Figure 39. Europe 3D & 4D Technology Revenue Share by Type (2019-2030)

Figure 40. Europe 3D & 4D Technology Revenue by Application (2025-2030) & (US\$ Million)

Figure 41. Europe 3D & 4D Technology Revenue Share by Application (2019-2030)

Figure 42. Europe 3D & 4D Technology Revenue Share by Country (2019-2030)

Figure 43. Germany 3D & 4D Technology Revenue YoY Growth (US\$ Million) & (2019-2030)

Figure 44. France 3D & 4D Technology Revenue YoY Growth (US\$ Million) & (2019-2030)

Figure 45. U.K. 3D & 4D Technology Revenue YoY Growth (US\$ Million) & (2019-2030)

Figure 46. Italy 3D & 4D Technology Revenue YoY Growth (US\$ Million) & (2019-2030)

Figure 47. Russia 3D & 4D Technology Revenue YoY Growth (US\$ Million) & (2019-2030)

Figure 48. Nordic Countries 3D & 4D Technology Revenue YoY Growth (US\$ Million) & (2019-2030)

Figure 49. China 3D & 4D Technology Revenue YoY Growth (2019-2030) & (US\$ Million)

Figure 50. China 3D & 4D Technology Revenue by Type (2025-2030) & (US\$ Million)

Figure 51. China 3D & 4D Technology Revenue Share by Type (2019-2030)

Figure 52. China 3D & 4D Technology Revenue by Application (2025-2030) & (US\$

Million)

Figure 53. China 3D & 4D Technology Revenue Share by Application (2019-2030)

Figure 54. Asia 3D & 4D Technology Revenue YoY Growth (2019-2030) & (US\$ Million)

Figure 55. Asia 3D & 4D Technology Revenue by Type (2025-2030) & (US\$ Million)

Figure 56. Asia 3D & 4D Technology Revenue Share by Type (2019-2030)

Figure 57. Asia 3D & 4D Technology Revenue by Application (2025-2030) & (US\$ Million)

Figure 58. Asia 3D & 4D Technology Revenue Share by Application (2019-2030)

Figure 59. Asia 3D & 4D Technology Revenue Share by Country (2019-2030)

Figure 60. Japan 3D & 4D Technology Revenue YoY Growth (US\$ Million) & (2019-2030)

Figure 61. South Korea 3D & 4D Technology Revenue YoY Growth (US\$ Million) & (2019-2030)

Figure 62. India 3D & 4D Technology Revenue YoY Growth (US\$ Million) & (2019-2030)

Figure 63. Australia 3D & 4D Technology Revenue YoY Growth (US\$ Million) & (2019-2030)

Figure 64. China Taiwan 3D & 4D Technology Revenue YoY Growth (US\$ Million) & (2019-2030)

Figure 65. Southeast Asia 3D & 4D Technology Revenue YoY Growth (US\$ Million) & (2019-2030)

Figure 66. MEALA 3D & 4D Technology Revenue YoY Growth (2019-2030) & (US\$ Million)

Figure 67. MEALA 3D & 4D Technology Revenue by Type (2025-2030) & (US\$ Million)

Figure 68. MEALA 3D & 4D Technology Revenue Share by Type (2019-2030)

Figure 69. MEALA 3D & 4D Technology Revenue by Application (2025-2030) & (US\$ Million)

Figure 70. MEALA 3D & 4D Technology Revenue Share by Application (2019-2030)

Figure 71. MEALA 3D & 4D Technology Revenue Share by Country (2019-2030)

Figure 72. Mexico 3D & 4D Technology Revenue YoY Growth (US\$ Million) & (2019-2030)

Figure 73. South Korea 3D & 4D Technology Revenue YoY Growth (US\$ Million) & (2019-2030)

Figure 74. Brazil 3D & 4D Technology Revenue YoY Growth (US\$ Million) & (2019-2030)

Figure 75. Israel 3D & 4D Technology Revenue YoY Growth (US\$ Million) & (2019-2030)

Figure 76. Argentina 3D & 4D Technology Revenue YoY Growth (US\$ Million) & (2019-2030)

Figure 77. Colombia 3D & 4D Technology Revenue YoY Growth (US\$ Million) & (2019-2030)

Figure 78. Turkey 3D & 4D Technology Revenue YoY Growth (US\$ Million) & (2019-2030)

Figure 79. Saudi Arabia 3D & 4D Technology Revenue YoY Growth (US\$ Million) & (2019-2030)

Figure 80. UAE 3D & 4D Technology Revenue YoY Growth (US\$ Million) & (2019-2030)

Figure 81. Years Considered

Figure 82. Research Process

Figure 83. Key Executives Interviewed



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