

Global Healthcare Digital Twins Market Size study & Forecast, by Type (Process & System Digital Twin, Product Digital Twin) by Application (Asset and Process Management, Personalized Medicine, Drug Discovery, Others), by End Use (Clinical Research Organizations (CRO), Hospitals and Clinics, Research & Diagnostic Laboratories, Others) and Regional Analysis, 2022-2029

<https://marketpublishers.com/r/GE2D053DD529EN.html>

Date: January 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GE2D053DD529EN

Abstracts

Global Healthcare Digital Twins Market is valued at approximately USD 462.6 million in 2021 and is anticipated to grow with a healthy growth rate of more than 25.6% over the forecast period 2022-2029. Healthcare digital twin is a virtual model of a process, object, or device that performs in real-time to update healthcare data such as lab results, human physiology, and hospital environment when changes take place. It uses data and imitates processes to suggest the best performance outcomes and issues in real-life environments with better safety and cost-effectiveness. The market growth is driven by the growing demand for wearables in the healthcare industry to monitor patient data and the rising need for maintaining medical records.

The flourishing development of the healthcare industry is further exhibiting a positive influence on the market demand. According to a Statista analysis, the healthcare sector in India is expected to be worth about 194 billion USD in 2020, which is anticipated to expand quickly and reach almost USD 372 billion by 2022. Likewise, as per the article published by AI Multiple in May 2022, there were 66% of healthcare professionals estimated the rising investments in digital twins, the proliferation of which supports in the enhancing the performance of healthcare organizations, provides customizations,

enables personalization of medicine, and facilitates the development of new devices and medications. Consequentially, the growth of the healthcare industry is propelling demand for healthcare digital twins to collect data across various sources that are used to create a patient's digital twin, which is spurring the market demand at a substantial rate. Moreover, the growing investment in technological developments, as well as the rising digitalization in the healthcare industry are presenting various growth prospects to the market in the forthcoming years. However, the growing incidences of security breaches across healthcare institutions and high investments needed to support the infrastructure of the technology are restricting market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Healthcare Digital Twins Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America dominated the space in terms of revenue, owing to the availability of digital infrastructure and the high adoption rate of automation and digital solutions in healthcare facilities. Whereas, the Asia Pacific is expected to grow significantly during the forecast period. Factors such as increasing penetration of IoT devices, as well as growing investments in AI-based technology, are burgeoning the market growth in the forecasting years.

Major market players included in this report are:

Atos

Dassault Systems (3DS System)

Microsoft

Philips Healthcare

Unlearn.AI, Inc.

PrediSurge

QiO Technologies

Verto Healthcare

ThoughWire

Fastream Technologies

Recent Developments in the Market:

In May 2020, Atos partnered with Siemens to develop a process digital twin platform for the pharmaceutical industry. This novel solution is based on a digital replica of the pharma production process that is powered by AI, advanced analytics, and IoT, which is designed to improve the efficiency and flexibility of manufacturing pharmaceutical products.

Global Healthcare Digital Twins Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Type, Application, End Use, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also provides detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Process & System Digital Twin

Product Digital Twin

By Application:

Asset and Process Management

Personalized Medicine

Drug Discovery

Others

By End Use:

Clinical Research Organizations (CRO)

Hospitals and Clinics

Research & Diagnostic Laboratories

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany
France
Spain
Italy
ROE
Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Million)
 - 1.2.1. Healthcare Digital Twins Market, by Region, 2019-2029 (USD Million)
 - 1.2.2. Healthcare Digital Twins Market, by Type, 2019-2029 (USD Million)
 - 1.2.3. Healthcare Digital Twins Market, by Application, 2019-2029 (USD Million)
 - 1.2.4. Healthcare Digital Twins Market, by End Use, 2019-2029 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL HEALTHCARE DIGITAL TWINS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL HEALTHCARE DIGITAL TWINS MARKET DYNAMICS

- 3.1. Healthcare Digital Twins Market Impact Analysis (2019-2029)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Rising need for maintaining medical records
 - 3.1.1.2. Flourishing development of the healthcare industry
 - 3.1.2. Market Challenges
 - 3.1.2.1. Increasing number of security breaches in healthcare institutions
 - 3.1.2.2. High investments required to support the infrastructure of the technology
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Growing investment in technological developments
 - 3.1.3.2. Rising digitalization in the healthcare industry

CHAPTER 4. GLOBAL HEALTHCARE DIGITAL TWINS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
- 4.4. Investment Adoption Model
- 4.5. Analyst Recommendation & Conclusion
- 4.6. Top investment opportunity
- 4.7. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

CHAPTER 6. GLOBAL HEALTHCARE DIGITAL TWINS MARKET, BY TYPE

- 6.1. Market Snapshot
- 6.2. Global Healthcare Digital Twins Market by Type, Performance - Potential Analysis
- 6.3. Global Healthcare Digital Twins Market Estimates & Forecasts by Type 2019-2029 (USD Million)
- 6.4. Healthcare Digital Twins Market, Sub Segment Analysis
 - 6.4.1. Process & System Digital Twin
 - 6.4.2. Product Digital Twin

CHAPTER 7. GLOBAL HEALTHCARE DIGITAL TWINS MARKET, BY APPLICATION

- 7.1. Market Snapshot
- 7.2. Global Healthcare Digital Twins Market by Application, Performance - Potential Analysis
- 7.3. Global Healthcare Digital Twins Market Estimates & Forecasts by Application

2019-2029 (USD Million)

7.4. Healthcare Digital Twins Market, Sub Segment Analysis

7.4.1. Asset and Process Management

7.4.2. Personalized Medicine

7.4.3. Drug Discovery

7.4.4. Others

CHAPTER 8. GLOBAL HEALTHCARE DIGITAL TWINS MARKET, BY END USE

8.1. Market Snapshot

8.2. Global Healthcare Digital Twins Market by End Use, Performance - Potential Analysis

8.3. Global Healthcare Digital Twins Market Estimates & Forecasts by End Use 2019-2029 (USD Million)

8.4. Healthcare Digital Twins Market, Sub Segment Analysis

8.4.1. Clinical Research Organizations (CRO)

8.4.2. Hospitals and Clinics

8.4.3. Research & Diagnostic Laboratories

8.4.4. Others

CHAPTER 9. GLOBAL HEALTHCARE DIGITAL TWINS MARKET, REGIONAL ANALYSIS

9.1. Healthcare Digital Twins Market, Regional Market Snapshot

9.2. North America Healthcare Digital Twins Market

9.2.1. U.S. Healthcare Digital Twins Market

9.2.1.1. Type breakdown estimates & forecasts, 2019-2029

9.2.1.2. Application breakdown estimates & forecasts, 2019-2029

9.2.1.3. End Use breakdown estimates & forecasts, 2019-2029

9.2.2. Canada Healthcare Digital Twins Market

9.3. Europe Healthcare Digital Twins Market Snapshot

9.3.1. U.K. Healthcare Digital Twins Market

9.3.2. Germany Healthcare Digital Twins Market

9.3.3. France Healthcare Digital Twins Market

9.3.4. Spain Healthcare Digital Twins Market

9.3.5. Italy Healthcare Digital Twins Market

9.3.6. Rest of Europe Healthcare Digital Twins Market

9.4. Asia-Pacific Healthcare Digital Twins Market Snapshot

9.4.1. China Healthcare Digital Twins Market

- 9.4.2. India Healthcare Digital Twins Market
- 9.4.3. Japan Healthcare Digital Twins Market
- 9.4.4. Australia Healthcare Digital Twins Market
- 9.4.5. South Korea Healthcare Digital Twins Market
- 9.4.6. Rest of Asia Pacific Healthcare Digital Twins Market
- 9.5. Latin America Healthcare Digital Twins Market Snapshot
 - 9.5.1. Brazil Healthcare Digital Twins Market
 - 9.5.2. Mexico Healthcare Digital Twins Market
- 9.6. Rest of The World Healthcare Digital Twins Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Top Market Strategies
- 10.2. Company Profiles
 - 10.2.1. Atos
 - 10.2.1.1. Key Information
 - 10.2.1.2. Overview
 - 10.2.1.3. Financial (Subject to Data Availability)
 - 10.2.1.4. Product Summary
 - 10.2.1.5. Recent Developments
 - 10.2.2. Dassault Systems (3DS System)
 - 10.2.3. Microsoft
 - 10.2.4. Philips Healthcare
 - 10.2.5. Unlearn.AI, Inc.
 - 10.2.6. PrediSurge
 - 10.2.7. QiO Technologies
 - 10.2.8. Verto Healthcare
 - 10.2.9. ThoughWire
 - 10.2.10. Fastream Technologies

CHAPTER 11. RESEARCH PROCESS

- 11.1. Research Process
 - 11.1.1. Data Mining
 - 11.1.2. Analysis
 - 11.1.3. Market Estimation
 - 11.1.4. Validation
 - 11.1.5. Publishing
- 11.2. Research Attributes

11.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Healthcare Digital Twins Market, report scope

TABLE 2. Global Healthcare Digital Twins Market estimates & forecasts by Region 2019-2029 (USD Million)

TABLE 3. Global Healthcare Digital Twins Market estimates & forecasts by Type 2019-2029 (USD Million)

TABLE 4. Global Healthcare Digital Twins Market estimates & forecasts by Application 2019-2029 (USD Million)

TABLE 5. Global Healthcare Digital Twins Market estimates & forecasts by End Use 2019-2029 (USD Million)

TABLE 6. Global Healthcare Digital Twins Market by segment, estimates & forecasts, 2019-2029 (USD Million)

TABLE 7. Global Healthcare Digital Twins Market by region, estimates & forecasts, 2019-2029 (USD Million)

TABLE 8. Global Healthcare Digital Twins Market by segment, estimates & forecasts, 2019-2029 (USD Million)

TABLE 9. Global Healthcare Digital Twins Market by region, estimates & forecasts, 2019-2029 (USD Million)

TABLE 10. Global Healthcare Digital Twins Market by segment, estimates & forecasts, 2019-2029 (USD Million)

TABLE 11. Global Healthcare Digital Twins Market by region, estimates & forecasts, 2019-2029 (USD Million)

TABLE 12. Global Healthcare Digital Twins Market by segment, estimates & forecasts, 2019-2029 (USD Million)

TABLE 13. Global Healthcare Digital Twins Market by region, estimates & forecasts, 2019-2029 (USD Million)

TABLE 14. Global Healthcare Digital Twins Market by segment, estimates & forecasts, 2019-2029 (USD Million)

TABLE 15. Global Healthcare Digital Twins Market by region, estimates & forecasts, 2019-2029 (USD Million)

TABLE 16. U.S. Healthcare Digital Twins Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 17. U.S. Healthcare Digital Twins Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 18. U.S. Healthcare Digital Twins Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 19. Canada Healthcare Digital Twins Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 20. Canada Healthcare Digital Twins Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 21. Canada Healthcare Digital Twins Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 22. UK Healthcare Digital Twins Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 23. UK Healthcare Digital Twins Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 24. UK Healthcare Digital Twins Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 25. Germany Healthcare Digital Twins Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 26. Germany Healthcare Digital Twins Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 27. Germany Healthcare Digital Twins Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 28. France Healthcare Digital Twins Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 29. France Healthcare Digital Twins Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 30. France Healthcare Digital Twins Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 31. Italy Healthcare Digital Twins Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 32. Italy Healthcare Digital Twins Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 33. Italy Healthcare Digital Twins Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 34. Spain Healthcare Digital Twins Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 35. Spain Healthcare Digital Twins Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 36. Spain Healthcare Digital Twins Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 37. RoE Healthcare Digital Twins Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 38. RoE Healthcare Digital Twins Market estimates & forecasts by segment

2019-2029 (USD Million)

TABLE 39. RoE Healthcare Digital Twins Market estimates & forecasts by segment

2019-2029 (USD Million)

TABLE 40. China Healthcare Digital Twins Market estimates & forecasts, 2019-2029

(USD Million)

TABLE 41. China Healthcare Digital Twins Market estimates & forecasts by segment

2019-2029 (USD Million)

TABLE 42. China Healthcare Digital Twins Market estimates & forecasts by segment

2019-2029 (USD Million)

TABLE 43. India Healthcare Digital Twins Market estimates & forecasts, 2019-2029

(USD Million)

TABLE 44. India Healthcare Digital Twins Market estimates & forecasts by segment

2019-2029 (USD Million)

TABLE 45. India Healthcare Digital Twins Market estimates & forecasts by segment

2019-2029 (USD Million)

TABLE 46. Japan Healthcare Digital Twins Market estimates & forecasts, 2019-2029

(USD Million)

TABLE 47. Japan Healthcare Digital Twins Market estimates & forecasts by segment

2019-2029 (USD Million)

TABLE 48. Japan Healthcare Digital Twins Market estimates & forecasts by segment

2019-2029 (USD Million)

TABLE 49. South Korea Healthcare Digital Twins Market estimates & forecasts,

2019-2029 (USD Million)

TABLE 50. South Korea Healthcare Digital Twins Market estimates & forecasts by

segment 2019-2029 (USD Million)

TABLE 51. South Korea Healthcare Digital Twins Market estimates & forecasts by

segment 2019-2029 (USD Million)

TABLE 52. Australia Healthcare Digital Twins Market estimates & forecasts, 2019-2029

(USD Million)

TABLE 53. Australia Healthcare Digital Twins Market estimates & forecasts by segment

2019-2029 (USD Million)

TABLE 54. Australia Healthcare Digital Twins Market estimates & forecasts by segment

2019-2029 (USD Million)

TABLE 55. RoAPAC Healthcare Digital Twins Market estimates & forecasts, 2019-2029

(USD Million)

TABLE 56. RoAPAC Healthcare Digital Twins Market estimates & forecasts by segment

2019-2029 (USD Million)

TABLE 57. RoAPAC Healthcare Digital Twins Market estimates & forecasts by segment

2019-2029 (USD Million)

TABLE 58. Brazil Healthcare Digital Twins Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 59. Brazil Healthcare Digital Twins Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 60. Brazil Healthcare Digital Twins Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 61. Mexico Healthcare Digital Twins Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 62. Mexico Healthcare Digital Twins Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 63. Mexico Healthcare Digital Twins Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 64. RoLA Healthcare Digital Twins Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 65. RoLA Healthcare Digital Twins Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 66. RoLA Healthcare Digital Twins Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 67. Row Healthcare Digital Twins Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 68. Row Healthcare Digital Twins Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 69. Row Healthcare Digital Twins Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 70. List of secondary sources, used in the study of global Healthcare Digital Twins Market

TABLE 71. List of primary sources, used in the study of global Healthcare Digital Twins Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Healthcare Digital Twins Market, research methodology
 - FIG 2. Global Healthcare Digital Twins Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Healthcare Digital Twins Market, key trends 2021
 - FIG 5. Global Healthcare Digital Twins Market, growth prospects 2022-2029
 - FIG 6. Global Healthcare Digital Twins Market, porters 5 force model
 - FIG 7. Global Healthcare Digital Twins Market, pest analysis
 - FIG 8. Global Healthcare Digital Twins Market, value chain analysis
 - FIG 9. Global Healthcare Digital Twins Market by segment, 2019 & 2029 (USD Million)
 - FIG 10. Global Healthcare Digital Twins Market by segment, 2019 & 2029 (USD Million)
 - FIG 11. Global Healthcare Digital Twins Market by segment, 2019 & 2029 (USD Million)
 - FIG 12. Global Healthcare Digital Twins Market by segment, 2019 & 2029 (USD Million)
 - FIG 13. Global Healthcare Digital Twins Market by segment, 2019 & 2029 (USD Million)
 - FIG 14. Global Healthcare Digital Twins Market, regional snapshot 2019 & 2029
 - FIG 15. North America Healthcare Digital Twins Market 2019 & 2029 (USD Million)
 - FIG 16. Europe Healthcare Digital Twins Market 2019 & 2029 (USD Million)
 - FIG 17. Asia pacific Healthcare Digital Twins Market 2019 & 2029 (USD Million)
 - FIG 18. Latin America Healthcare Digital Twins Market 2019 & 2029 (USD Million)
 - FIG 19. Global Healthcare Digital Twins Market, company Market share analysis (2021)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

I would like to order

Product name: Global Healthcare Digital Twins Market Size study & Forecast, by Type (Process & System Digital Twin, Product Digital Twin) by Application (Asset and Process Management, Personalized Medicine, Drug Discovery, Others), by End Use (Clinical Research Organizations (CRO), Hospitals and Clinics, Research & Diagnostic Laboratories, Others) and Regional Analysis, 2022-2029

Product link: <https://marketpublishers.com/r/GE2D053DD529EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GE2D053DD529EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970