

Global Life Sciences IT Market Size Study, by Solution (Drug Discovery Informatics, Clinical Trial Management, Bioinformatics, Laboratory Information Management, Others), by Type (Software, Service), by End User (Pharmaceutical and Biotechnology Companies, Contract Research and Development Organizations, Others) and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/G5E287383A43EN.html>

Date: July 2024

Pages: 200

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

ID: G5E287383A43EN

Abstracts

Global Life Sciences IT Market is valued at approximately USD 21.41 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 12.11% over the forecast period 2024-2032. Life science IT solutions are pivotal in managing, analyzing, and interpreting complex biological data within the life sciences domain. These sophisticated tools streamline various processes, including research, drug discovery, clinical trials, and healthcare management. Life science IT software encompasses applications for data management, analysis, and visualization, facilitating the collection, storage, and interpretation of complex biological and clinical data. By enabling researchers to conduct experiments, analyze results, and make informed decisions in areas such as drug discovery, genomics, proteomics, and personalized medicine, life science IT solutions significantly contribute to advancing scientific research and healthcare delivery.

The Global Life Sciences IT Market is driven by rising adoption of life science analytics software growing prevalence of chronic diseases fuel the demand for advanced imaging and diagnostic software that enhances disease diagnosis accuracy. Healthcare providers utilize analytics software to optimize operational efficiency, manage

population health, and reduce healthcare costs. Through analyzing patient data and treatment outcomes, providers can make evidence-based decisions that enhance clinical outcomes and resource utilization. In addition, integration of advanced computational tools, such as artificial intelligence (AI) and machine learning (ML), within life science IT platforms has revolutionized drug discovery procedures. AI algorithms can rapidly screen and prioritize drug targets, predict molecular interactions, and simulate biological processes with unprecedented precision and accuracy. Moreover, technological advancements, such as the integration of artificial intelligence and machine learning, and integration of advanced computational tools are expected to provide significant opportunities for market expansion. However, data privacy and security concerns pose significant challenges to the life sciences IT market, impacting its potential growth.

The key regions considered for the Global Life Sciences IT Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. In 2023, North America was the dominating among regional market in terms of revenue owing to factors such as increasing healthcare expenditure across the region. The region's substantial healthcare expenditure supports investments in IT solutions aimed at improving patient care, enhancing operational efficiency, and reducing healthcare costs. IT innovations in areas such as precision medicine, genomics, and personalized healthcare contribute to better patient outcomes and healthcare delivery. Furthermore, the market in Asia Pacific is anticipated to develop at the fastest rate over the forecast period 2024-2032.

Major market players included in this report are:

Qiagen NV

Oracle Corporation

Genedata AG

IBM Corporation

Illumina, Inc.

Agilent Technologies, Inc.

DNAexus, Inc.

Revvity, Inc.

Clario

Thermo Fisher Scientific Inc.

The detailed segments and sub-segment of the market are explained below:

By Solution

Drug Discovery Informatics

Clinical Trial Management

Bioinformatics

Laboratory Information Management

Others

By Type

Software

Service

By End User

Pharmaceutical and Biotechnology Companies

Contract Research and Development Organizations

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

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market

Contents

CHAPTER 1. GLOBAL LIFE SCIENCES IT MARKET EXECUTIVE SUMMARY

- 1.1. Global Life Sciences IT Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Solution
 - 1.3.2. By Type
 - 1.3.3. By End User
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL LIFE SCIENCES IT MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL LIFE SCIENCES IT MARKET DYNAMICS

3.1. Market Drivers

- 3.1.1. Rise in Adoption of Life Science Analytics Software
- 3.1.2. Increase in Chronic Diseases and Demand for Advanced Imaging
- 3.1.3. Growth in Laboratory Automation

3.2. Market Challenges

- 3.2.1. Data Privacy and Security Concerns

3.3. Market Opportunities

- 3.3.1. Technological Advancements in AI and ML
- 3.3.2. Expansion in Emerging Markets
- 3.3.3. Integration of Advanced Computational Tools

CHAPTER 4. GLOBAL LIFE SCIENCES IT 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
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

4.3. Top investment opportunity

4.4. Top winning strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL LIFE SCIENCES IT MARKET SIZE & FORECASTS BY SOLUTION 2022-2032

5.1. Segment Dashboard

5.2. Global Life Sciences IT Market: Solution Revenue Trend Analysis, 2022 & 2032

(USD Billion)

- 5.2.1. Drug Discovery Informatics
- 5.2.2. Clinical Trial Management
- 5.2.3. Bioinformatics
- 5.2.4. Laboratory Information Management
- 5.2.5. Others

CHAPTER 6. GLOBAL LIFE SCIENCES IT MARKET SIZE & FORECASTS BY TYPE 2022-2032

- 6.1. Segment Dashboard
- 6.2. Global Life Sciences IT Market: Type Revenue Trend Analysis, 2022 & 2032 (USD Billion)
 - 6.2.1. Software
 - 6.2.2. Services

CHAPTER 7. GLOBAL LIFE SCIENCES IT MARKET SIZE & FORECASTS BY END USER 2022-2032

- 7.1. Segment Dashboard
- 7.2. Global Life Sciences IT Market: End User Revenue Trend Analysis, 2022 & 2032 (USD Billion)
 - 7.2.1. Pharmaceutical and Biotechnology Companies
 - 7.2.2. Contract Research and Development Organizations
 - 7.2.3. Others

CHAPTER 8. GLOBAL LIFE SCIENCES IT MARKET SIZE & FORECASTS BY REGION 2022-2032

- 8.1. North America Life Sciences IT Market
 - 8.1.1. U.S. Life Sciences IT Market
 - 8.1.1.1. Solution breakdown size & forecasts, 2022-2032
 - 8.1.1.2. Type breakdown size & forecasts, 2022-2032
 - 8.1.1.3. End User breakdown size & forecasts, 2022-2032
 - 8.1.2. Canada Life Sciences IT Market
 - 8.1.2.1. Solution breakdown size & forecasts, 2022-2032
 - 8.1.2.2. Type breakdown size & forecasts, 2022-2032
 - 8.1.2.3. End User breakdown size & forecasts, 2022-2032
- 8.2. Europe Life Sciences IT Market

- 8.2.1. U.K. Life Sciences IT Market
 - 8.2.1.1. Solution breakdown size & forecasts, 2022-2032
 - 8.2.1.2. Type breakdown size & forecasts, 2022-2032
 - 8.2.1.3. End User breakdown size & forecasts, 2022-2032
- 8.2.2. Germany Life Sciences IT Market
 - 8.2.2.1. Solution breakdown size & forecasts, 2022-2032
 - 8.2.2.2. Type breakdown size & forecasts, 2022-2032
 - 8.2.2.3. End User breakdown size & forecasts, 2022-2032
- 8.2.3. France Life Sciences IT Market
 - 8.2.3.1. Solution breakdown size & forecasts, 2022-2032
 - 8.2.3.2. Type breakdown size & forecasts, 2022-2032
 - 8.2.3.3. End User breakdown size & forecasts, 2022-2032
- 8.2.4. Spain Life Sciences IT Market
 - 8.2.4.1. Solution breakdown size & forecasts, 2022-2032
 - 8.2.4.2. Type breakdown size & forecasts, 2022-2032
 - 8.2.4.3. End User breakdown size & forecasts, 2022-2032
- 8.2.5. Italy Life Sciences IT Market
 - 8.2.5.1. Solution breakdown size & forecasts, 2022-2032
 - 8.2.5.2. Type breakdown size & forecasts, 2022-2032
 - 8.2.5.3. End User breakdown size & forecasts, 2022-2032
- 8.2.6. Rest of Europe Life Sciences IT Market
 - 8.2.6.1. Solution breakdown size & forecasts, 2022-2032
 - 8.2.6.2. Type breakdown size & forecasts, 2022-2032
 - 8.2.6.3. End User breakdown size & forecasts, 2022-2032
- 8.3. Asia-Pacific Life Sciences IT Market
 - 8.3.1. China Life Sciences IT Market
 - 8.3.1.1. Solution breakdown size & forecasts, 2022-2032
 - 8.3.1.2. Type breakdown size & forecasts, 2022-2032
 - 8.3.1.3. End User breakdown size & forecasts, 2022-2032
 - 8.3.2. India Life Sciences IT Market
 - 8.3.2.1. Solution breakdown size & forecasts, 2022-2032
 - 8.3.2.2. Type breakdown size & forecasts, 2022-2032
 - 8.3.2.3. End User breakdown size & forecasts, 2022-2032
 - 8.3.3. Japan Life Sciences IT Market
 - 8.3.3.1. Solution breakdown size & forecasts, 2022-2032
 - 8.3.3.2. Type breakdown size & forecasts, 2022-2032
 - 8.3.3.3. End User breakdown size & forecasts, 2022-2032
 - 8.3.4. Australia Life Sciences IT Market
 - 8.3.4.1. Solution breakdown size & forecasts, 2022-2032

- 8.3.4.2. Type breakdown size & forecasts, 2022-2032
- 8.3.4.3. End User breakdown size & forecasts, 2022-2032
- 8.3.5. South Korea Life Sciences IT Market
 - 8.3.5.1. Solution breakdown size & forecasts, 2022-2032
 - 8.3.5.2. Type breakdown size & forecasts, 2022-2032
 - 8.3.5.3. End User breakdown size & forecasts, 2022-2032
- 8.3.6. Rest of Asia Pacific Life Sciences IT Market
 - 8.3.6.1. Solution breakdown size & forecasts, 2022-2032
 - 8.3.6.2. Type breakdown size & forecasts, 2022-2032
 - 8.3.6.3. End User breakdown size & forecasts, 2022-2032
- 8.4. Latin America Life Sciences IT Market
 - 8.4.1. Brazil Life Sciences IT Market
 - 8.4.1.1. Solution breakdown size & forecasts, 2022-2032
 - 8.4.1.2. Type breakdown size & forecasts, 2022-2032
 - 8.4.1.3. End User breakdown size & forecasts, 2022-2032
 - 8.4.2. Mexico Life Sciences IT Market
 - 8.4.2.1. Solution breakdown size & forecasts, 2022-2032
 - 8.4.2.2. Type breakdown size & forecasts, 2022-2032
 - 8.4.2.3. End User breakdown size & forecasts, 2022-2032
 - 8.4.3. Rest of Latin America Life Sciences IT Market
 - 8.4.3.1. Solution breakdown size & forecasts, 2022-2032
 - 8.4.3.2. Type breakdown size & forecasts, 2022-2032
 - 8.4.3.3. End User breakdown size & forecasts, 2022-2032
- 8.5. Middle East & Africa Life Sciences IT Market
 - 8.5.1. Saudi Arabia Life Sciences IT Market
 - 8.5.1.1. Solution breakdown size & forecasts, 2022-2032
 - 8.5.1.2. Type breakdown size & forecasts, 2022-2032
 - 8.5.1.3. End User breakdown size & forecasts, 2022-2032
 - 8.5.2. South Africa Life Sciences IT Market
 - 8.5.2.1. Solution breakdown size & forecasts, 2022-2032
 - 8.5.2.2. Type breakdown size & forecasts, 2022-2032
 - 8.5.2.3. End User breakdown size & forecasts, 2022-2032
 - 8.5.3. Rest of Middle East & Africa Life Sciences IT Market
 - 8.5.3.1. Solution breakdown size & forecasts, 2022-2032
 - 8.5.3.2. Type breakdown size & forecasts, 2022-2032
 - 8.5.3.3. End User breakdown size & forecasts, 2022-2032

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Company
 - 9.1.2. Company
 - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
 - 9.3.1. Qiagen NV
 - 9.3.1.1. Key Information
 - 9.3.1.2. Overview
 - 9.3.1.3. Financial (Subject to Data Availability)
 - 9.3.1.4. Product Summary
 - 9.3.1.5. Market Strategies
 - 9.3.2. Oracle Corporation
 - 9.3.3. Genedata AG
 - 9.3.4. IBM Corporation
 - 9.3.5. Illumina, Inc.
 - 9.3.6. Agilent Technologies, Inc.
 - 9.3.7. DNAnexus, Inc.
 - 9.3.8. Revvity, Inc.
 - 9.3.9. Clario
 - 9.3.10. Thermo Fisher Scientific Inc.

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. Global Life Sciences IT Market, Report Scope

TABLE 2. Global Life Sciences IT Market Estimates & Forecasts by Region 2022-2032 (USD Billion)

TABLE 3. Global Life Sciences IT Market Estimates & Forecasts by Solution 2022-2032 (USD Billion)

TABLE 4. Global Life Sciences IT Market Estimates & Forecasts by Type 2022-2032 (USD Billion)

TABLE 5. Global Life Sciences IT Market Estimates & Forecasts by End User 2022-2032 (USD Billion)

TABLE 6. Global Life Sciences IT Market by Segment, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 7. Global Life Sciences IT Market by Region, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 8. Global Life Sciences IT Market by Segment, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 9. Global Life Sciences IT Market by Region, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 10. Global Life Sciences IT Market by Segment, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 11. Global Life Sciences IT Market by Region, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 12. Global Life Sciences IT Market by Segment, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 13. Global Life Sciences IT Market by Region, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 14. Global Life Sciences IT Market by Segment, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 15. U.S. Life Sciences IT Market Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 16. U.S. Life Sciences IT Market Estimates & Forecasts by Segment 2022-2032 (USD Billion)

TABLE 17. U.S. Life Sciences IT Market Estimates & Forecasts by Segment 2022-2032 (USD Billion)

TABLE 18. Canada Life Sciences IT Market Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 19. Canada Life Sciences IT Market Estimates & Forecasts by Segment
2022-2032 (USD Billion)

TABLE 20. Canada Life Sciences IT Market Estimates & Forecasts by Segment
2022-2032 (USD Billion)

.....

This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Life Sciences IT Market, Research Methodology
- FIG 2. Global Life Sciences IT Market, Market Estimation Techniques
- FIG 3. Global Market Size Estimates & Forecast Methods
- FIG 4. Global Life Sciences IT Market, Key Trends 2023
- FIG 5. Global Life Sciences IT Market, Growth Prospects 2022-2032
- FIG 6. Global Life Sciences IT Market, Porter's 5 Force Model
- FIG 7. Global Life Sciences IT Market, PESTEL Analysis
- FIG 8. Global Life Sciences IT Market, Value Chain Analysis
- FIG 9. Global Life Sciences IT Market by Segment, 2022 & 2032 (USD Billion)
- FIG 10. Global Life Sciences IT Market by Segment, 2022 & 2032 (USD Billion)
- FIG 11. Global Life Sciences IT Market by Segment, 2022 & 2032 (USD Billion)
- FIG 12. Global Life Sciences IT Market by Segment, 2022 & 2032 (USD Billion)
- FIG 13. Global Life Sciences IT Market by Segment, 2022 & 2032 (USD Billion)
- FIG 14. Global Life Sciences IT Market, Regional Snapshot 2022 & 2032
- FIG 15. North America Life Sciences IT Market 2022 & 2032 (USD Billion)
- FIG 16. Europe Life Sciences IT Market 2022 & 2032 (USD Billion)
- FIG 17. Asia Pacific Life Sciences IT Market 2022 & 2032 (USD Billion)
- FIG 18. Latin America Life Sciences IT Market 2022 & 2032 (USD Billion)
- FIG 19. Middle East & Africa Life Sciences IT Market 2022 & 2032 (USD Billion)
- FIG 20. Global Life Sciences IT Market, Company Market Share Analysis (2023)

.....

This list is not complete, final report does contain more than 50 figures. The list may be updated in the final deliverable

I would like to order

Product name: Global Life Sciences IT Market Size Study, by Solution (Drug Discovery Informatics, Clinical Trial Management, Bioinformatics, Laboratory Information Management, Others), by Type (Software, Service), by End User (Pharmaceutical and Biotechnology Companies, Contract Research and Development Organizations, Others) and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/G5E287383A43EN.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/G5E287383A43EN.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