

Global E-Clinical solutions Market: Market Segments: By Product Type (CTMS, eCOA, Analytics, RTMS, eTMF, Safety, CDMS, EDC); By Delivery Mode (On-Demand, On-premise, Cloud-based; By End-User (CROs, Hospitals, Pharma/Biopharma Companies); and Region – Analysis of Market Size, Share & Trends for 2014 – 2019 and Forecasts to 2030

<https://marketpublishers.com/r/G7BB5B7F99B5EN.html>

Date: May 2024

Pages: 163

Price: US\$ 5,000.00 (Single User License)

ID: G7BB5B7F99B5EN

Abstracts

Product Overview

E-Clinical solutions combine clinical technology and experience and are used through data processing and data analysis to facilitate the clinical development process. In addition to the increasing number of CROs and life sciences organizations, the growing trend of outsourcing clinical trials to contract research organizations (CROs) is poised to help the industry gain considerable momentum in the coming years. Factors such as increasing the number of clinical trials, increasing the implementation of technological solutions during clinical trials, increasing the need for better data standardization, increasing the need for data processing and monitoring and research intensification, and expenditure on growth by pharmaceutical and biotechnology companies are driving the market. The growth of the industry is further fueled by the expansion of clinical trial outsourcing, the extension of government grants to fund clinical research, and the amplification of IT budgets for drug production.

Market Highlights

Global E-Clinical Solutions Market to surpass USD XXXX million by 2030 from USD XXXX million in 2018 at a CAGR of XX% throughout the forecast period, i.e. 2019-30. Major factors characterizing the market growth are increasing R&D activities by biopharmaceutical and pharmaceutical companies, growing expenditure on the

production of clinical trials, the burden of chronic diseases, and increased adoption of smart devices for healthcare management.

Global E-Clinical Solutions Market: Segments

Web-based delivery mode segment to grow with the highest CAGR of XX.X% during 2019-30

Global E-Clinical Solutions Market is segmented by delivery mode into web-hosted (on-demand), licensed enterprise (on-premise), and cloud-based solutions. The largest share in 2019 was in the Web-hosted (on-demand) segment. Multiple factors are responsible for their large market shares, such as easy user access, cost reductions, and faster data retrieval. During the forecast period, the cloud-based distribution mode segment is expected to report the highest growth rate. With a fixed monthly fee provided by cloud-based models, the ease of integration, faster implementation, and flexible scalability are expected to drive the market for these solutions.

The pharmaceutical and biopharmaceutical segment to grow with the highest CAGR of XX.X% during 2019-30

Global E-Clinical Solutions Market is segmented by end-users into pharmaceutical and biopharmaceutical companies, contract research organizations, consulting service companies, medical device manufacturers, hospitals, and academic research institutions. The multiple usages of E-Clinical solutions enhance the performance of clinical trials and decrease the total expense and time involved in the production of drugs. These advantages have resulted in a rise in pharmaceutical and biopharmaceutical companies' adoption of automated technology for medicines.

Global E-Clinical Solutions Market: Market Dynamics

Drivers

Increase in clinical trials

Factors such as increasing the number of clinical trials, increasing the implementation of technological solutions during clinical trials, increasing the need for better data standardization, increasing the need for data processing and monitoring and research intensification, and expenditure on growth by pharmaceutical and biotechnology companies are driving the market. The growth of the industry is further fueled by the expansion of clinical trial outsourcing, the extension of government grants to fund clinical research, and the amplification of IT budgets for drug production.

Stringent regulatory structure

In developed economies such as the United States, the existence of a strict regulatory framework for clinical trials and an increased need for safety monitoring also plays a

vital role in the adoption of E-Clinical solutions in addition to this, during the review period, rising government grants for substantiated trials and growing the end-user base for E-Clinical solutions are likely to fuel the market.

Restraints

High operational costs associated with cleanrooms

High implementation costs coupled with the lack of trained professionals can pose a major obstacle to the growth of the market for E-Clinical solutions. It is also assumed that the materials used for the development of these technologies would have unique characteristics. The high cost-related installation and usage of cleanrooms are, however, expected to impede market growth during the forecast period.

Global E-Clinical Solutions Market: Regions

Global E-Clinical Solutions Market is segmented based on regional analysis into five major regions. These include North America, Latin America, Europe, APAC, and MENA.

Global E-Clinical Solutions Market in North America held the largest market share of XX.X% in the year 2019. The growing target population, coupled with the prevalence of lifestyle-related diseases such as diabetes and heart disease, is poised to stimulate the growth of E-Clinical solutions in the regional market. Also, the position of major players and the availability of advanced infrastructure is expected to accentuate the growth of the regional market.

Global E-Clinical Solutions Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – the United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

APAC Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia, and Rest of APAC

MENA Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

Global E-Clinical Solutions Market: Key Players

Oracle Corporation

Company Overview

Business Strategy

Key Product Offerings
Financial Performance
Key Performance Indicators
Risk Analysis
Recent Development
Regional Presence
SWOT Analysis
Medidata Solutions, In
Parexel International Corporation
Bioclinica, Inc. (A Subsidiary of Cinven)
Datatrak International, Inc.
CRF Health
ERT Clinical
Merge Healthcare Incorporated
Omnicom Systems, Inc.
Maxisit Inc.
Bio-Optronics, Inc.
E-Clinical Solutions, LLC.

Global E-Clinical Solutions Market report also contains analysis on:
Global E-Clinical Solutions Market Segments:

By Product Type

Electronic Data Capture (EDC) and Clinical Data Management Systems (CDMS)
Clinical Trial Management Systems (CTMS)
Clinical Analytics Platform
Randomization and Trial Supply Management (RTMS)
Clinical Data Integration Platform
Electronic Clinical Outcome Assessment (eCOA)
Safety Solutions
Electronic Trail Master Files (eTMF)
Regulatory Information Management Solutions (RIMS)
Others

By Delivery Mode

Cloud-based
Licensed Enterprise
Web-hosted

By End-User

Pharmaceutical and Biopharmaceutical Companies
Contract Research Organizations
Consulting Service Companies
Medical Device Manufacturers
Hospitals
Academic Research Institutions
E-Clinical Solutions Market Dynamics
E-Clinical Solutions Market Size
Supply & Demand
Current Trends/Issues/Challenges
Competition & Companies Involved in the Market
Value Chain of the Market
Market Drivers and Restraints

Contents

1. EXECUTIVE SUMMARY

2. GLOBAL E-CLINICAL SOLUTIONS MARKET

- 2.1. Product Overview
- 2.2. Market Definition
- 2.3. Segmentation
- 2.4. Assumptions and Acronyms

3. RESEARCH METHODOLOGY

- 3.1. Research Objectives
- 3.2. Primary Research
- 3.3. Secondary Research
- 3.4. Forecast Model
- 3.5. Market Size Estimation

4. AVERAGE PRICING ANALYSIS

5. MACRO-ECONOMIC INDICATORS

6. MARKET DYNAMICS

- 6.1. Growth Drivers
- 6.2. Restraints
- 6.3. Opportunity
- 6.4. Trends

7. CORRELATION & REGRESSION ANALYSIS

- 7.1. Correlation Matrix
- 7.2. Regression Matrix

8. RECENT DEVELOPMENT, POLICIES & REGULATORY LANDSCAPE

9. RISK ANALYSIS

9.1. Demand Risk Analysis

9.2. Supply Risk Analysis

10. GLOBAL E-CLINICAL SOLUTIONS MARKET ANALYSIS

10.1. Porters Five Forces

10.1.1. Threat of New Entrants

10.1.2. Bargaining Power of Suppliers

10.1.3. Threat of Substitutes

10.1.4. Rivalry

10.2. PEST Analysis

10.2.1. Political

10.2.2. Economic

10.2.3. Social

10.2.4. Technological

11. GLOBAL E-CLINICAL SOLUTIONS MARKET

11.1. Market Size & forecast, 2019A-2030F

11.1.1. By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

11.1.2. By Volume (Million Units) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12. GLOBAL E-CLINICAL SOLUTIONS MARKET: MARKET SEGMENTATION

12.1. By Regions

12.1.1. North America:(U.S. and Canada)

12.1.1.1. By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.1.2. Latin America: (Brazil, Mexico, Argentina, Rest of Latin America)

12.1.2.1. By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.1.3. Europe: (Germany, UK, France, Italy, Spain, BENELUX, NORDIC, Hungary, Poland, Turkey, Russia, Rest of Europe)

12.1.3.1. By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.1.4. Asia-Pacific: (China, India, Japan, South Korea, Indonesia, Malaysia, Australia, New Zealand, Rest of Asia Pacific)

12.1.4.1. By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.1.5. Middle East and Africa: (Israel, GCC, North Africa, South Africa, Rest of the Middle East and Africa)

12.1.5.1. By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.2. By Product Type: Market Share (2020-2030F)

12.2.1. EDC & CDMS, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%)
2020-2030F

12.2.2. CTMS, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.2.3. Clinical Analytics Platform, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.2.4. RTMS, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.2.5. Clinical Data Integration Platform, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.2.6. eCOA, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.2.7. Safety Solutions, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%)
2020-2030F

12.2.8. eTMF, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.2.9. RIMS, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.2.10. Others, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.3. By Delivery Mode: Market Share (2020-2030F)

12.3.1. Web-hosted, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%)
2020-2030F

12.3.2. Licensed Enterprise, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%)
2020-2030F

12.3.3. Softwall cleanrooms, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%)
2020-2030F

12.3.4. Cloud-based, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%)
2020-2030F

12.4. By End-Users: Market Share (2020-2030F)

12.4.1. Pharmaceutical and Biopharmaceutical Companies, By Value (USD Million)
2019-2030F; Y-o-Y Growth (%) 202-2030F

12.4.2. Contract Research Organizations, By Value (USD Million) 2019-2030F; Y-o-Y
Growth (%) 2020-2030F

12.4.3. Consulting Service Companies, By Value (USD Million) 2019-2030F; Y-o-Y
Growth (%) 2020-2030F

12.4.4. Medical Device Manufacturers, By Value (USD Million) 2019-2030F; Y-o-Y
Growth (%) 2020-2030F

12.4.5. Hospitals, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

13. 12.4.4. ACADEMIC RESEARCH INSTITUTIONS, BY VALUE (USD MILLION) 2019-2030F; Y-O-Y GROWTH (%) 2020-2030F

14. COMPANY PROFILE

- 14.1. Oracle Corporation
 - 14.1.1. Company Overview
 - 14.1.2. Company Total Revenue (Financials)
 - 14.1.3. Market Potential
 - 14.1.4. Global Presence
 - 14.1.5. Key Performance Indicators
 - 14.1.6. SWOT Analysis
 - 14.1.7. Product Launch
 - 14.2. Medidata Solutions, Inc.
 - 14.3. Parexel International Corporation
 - 14.4. Bioclinica, Inc.
 - 14.5. Datatrak International, Inc.
 - 14.6. CRF Health
 - 14.7. ERT Clinical
 - 14.8. Merge Healthcare Incorporated
 - 14.9. Omnicomm Systems, Inc.
 - 14.10. Other Prominent Players
- Consultant Recommendation

**The above-given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.

I would like to order

Product name: Global E-Clinical solutions Market: Market Segments: By Product Type (CTMS, eCOA, Analytics, RTMS, eTMF, Safety, CDMS, EDC); By Delivery Mode (On-Demand, On-premise, Cloud-based; ByEnd-User (CROs, Hospitals, Pharma/Biopharma Companies); and Region – Analysis of Market Size, Share & Trends for 2014 – 2019 and Forecasts to 2030

Product link: <https://marketpublishers.com/r/G7BB5B7F99B5EN.html>

Price: US\$ 5,000.00 (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/G7BB5B7F99B5EN.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