

eClinical solutions Market By Product (Electronic Data Capture and Clinical Data Management Systems, Clinical Trial Management Systems, Randomization and Trial Supply Management, Electronic Clinical Outcome Assessment, Electronic Trail Master Files, Others), By Delivery Mode (Web-hosted, On-premise, Cloud-based), By Clinical Trial Phase (Phase I, Phase II, Phase III, Phase IV), By End User (Pharmaceutical and Biopharmaceutical Companies, Contract Research Organizations, Others): Global Opportunity Analysis and Industry Forecast, 2021-2031

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### Report description:

The global eClinical solutions market was valued at \$6,816.17 million in 2021, and is estimated to reach \$21,502.95 million by 2031, growing at a CAGR of 12.2% from 2022 to 2031.

eClinical solutions are software, which are used for effective management, and integration of data generated during clinical trials. It offers set of tools to effectively plan, manage, track clinical study portfolio and create insights. The major factors that drive the growth of the eClinical solutions market are decrease in time cycle, reduction in data duplication, and additional efforts taken by team carrying out clinical trial for sorting and integrating the data.

In addition, eClinical solutions accelerates decision making as data is sorted and integrated by the software itself. It is a key trend of the market, which is expected to fuel the growth of the market during the forecast period. These solutions creates the demographic charts, mapping and comprehensive analytics that answer clinical and operational questions with speed and accuracy. Thus by centralizing data issues, errors are identified sooner and decision making process gets accelerated. Furthermore, significant surge in technological advancement is also one leading factors of this market as paper work takes much

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time, thus, managing enormous data makes individual frustrated. By using advanced technological solutions it becomes easier to manage data for the team carrying out clinical trials. Moreover, emerging markets are becoming a hub for the growth of eClinical solutions utilization owing to rise in the number of clinical trials. There are lot of opportunities for the market players to expand their business across developing economies due to availability of resources at lower rate and less regulatory policies for drug development.

Augmentation of data, government initiatives for making better healthcare services assists the market growth in emerging markets. However, eClinical solutions required high initial capital cost and regular maintenance attempts, which impede the market growth. The eClinical solutions market is segmented on the basis of product, delivery mode, clinical trials, end user, and region. On the basis of product, the market is categorized into electronic data capture (EDC) &clinical data management systems (CDMS), clinical trial management systems (CTMS), randomization & trial supply management (RTMS), electronic clinical outcome assessment (eCOA), electronic trial master file (eTMF), and others.

On the basis of delivery mode, the market is segmented as web-hosted, on-premise, and cloud-based. On the basis of clinical trials, the market is segmented as Phase I, Phase II, Phase III, and Phase IV. On the basis of end users, the market is segmented into pharmaceutical & biopharmaceutical companies, contract research organizations, and others. Region-wise, it is analyzed across North America, Europe, Asia-Pacific, and Latin America, the Middle East, and Africa (LAMEA).

The major players profiled in the report are Oracle Corporation, Parexel International Corporation (Calyx), DataTrak International, Inc., Dassault Systemes (Medidata Solution, Inc.), Clario, Signant Health (CRF Health Inc.), eClinical Solutions, Inc., IBM Watson Health, Advarra, Inc. (Bio-Optronics, Inc.), MaxisIT Inc., Anju Software, Inc. Veeva Systems, Saama Technologies, Inc., Medrio, Inc., Castor EDC, Mednet, and Business Systems Integration AG.

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## Key Benefits For Stakeholders

- -This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the eClinical solutions market analysis from 2022 to identify the prevailing eClinical solutions market opportunities.
- -The market research is offered along with information related to key drivers, restraints, and opportunities.
- -Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- -In-depth analysis of the eClinical solutions market segmentation assists to determine the prevailing market opportunities.
- -Major countries in each region are mapped according to their revenue contribution to the global market.
- -Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- -The report includes the analysis of the regional as well as global eClinical solutions market trends, key players, market segments, application areas, and market growth strategies.

### **Key Market Segments**

By Delivery Mode

- Web-hosted
- On-premise
- Cloud-based

By Clinical Trial Phase

- Phase I
- Phase II
- Phase III
- Phase IV

#### By Product

- Clinical Trial Management Systems
- Randomization and Trial Supply Management
- Electronic Clinical Outcome Assessment

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- Electronic Trail Master Files
- Others
- Electronic Data Capture and Clinical Data Management Systems

# By End User

- Pharmaceutical and Biopharmaceutical Companies
- Contract Research Organizations
- Others

# By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- Germany
- France
- U.K.
- Italy
- Spain
- Rest of Europe
- Asia-Pacific
- Japan
- China
- India
- Australia
- South Korea
- Rest of Asia-Pacific
- LAMEA
- Brazil
- Saudi Arabia
- South Africa
- Rest of LAMEA
- Key Market Players
- Advarra, Inc. (Bio Optronics, Inc.)
- Anju Software, Inc.
- Business Systems Integration AG
- Castor EDC
- Clario
- Dassault Systemes (Medidata Solution, Inc.)
- DataTrak International, Inc.
- eClinical Solutions. Inc.
- IBM Watson Health
- MaxisIT Inc.
- MedNet Solutions
- Medrio, Inc.
- Parexel International Corporation (Calyx)
- Saama Technologies, Inc.
- Signant Health (CRF Health Inc.)

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- veeva systems
- Oracle Corporation

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