

Global E-Clinical Solution Market Size study & Forecast, by Product (CDMS, EDC, CTMS, eCOA, RTSM, ETMF, Analytics, Integration, Safety) by Delivery (Web-based, On-demand, On-premise, Cloud), by End-user (Pharma & Biotech, Hospitals, CROs) and Regional Analysis, 2022-2029

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Abstracts

Global market for e-clinical solutions was estimated to be worth USD 15.4 billion in 2021 and is projected to expand at a healthy rate of more than 5.36% between 2022-2029. In order to effectively organize their clinical trials data and information throughout the study lifecycle, researchers might use eClinical solutions. Many integrated eClinical systems (like CTMS and CDMS) offer clinical researchers' end-to-end solutions for all phases of clinical trial administration. The majority of pharmaceutical and biotech businesses have concentrated their R&D efforts on helping to create a COVID-19 vaccine. To combat COVID-19, many businesses have made large financial investments in analytics. The need for software that may be utilized to speed up the vaccine design process is rising as a result of the significant number of clinical studies being undertaken globally.

A trend away from conventional medication-based treatment and toward customized or gene-based illness management is now being observed in the field of medical research and innovative drug therapy. When compared to current alternative therapies or medications, innovative drugs are frequently required to have a higher therapeutic value and efficacy by government reimbursement agencies, commercial insurers, and payers. Additionally, these payers control the average cost of new medications, which reduces the profit margins for the businesses that produce them. The eclinical solutions market is concentrating on the development and marketing of software solutions that may speed up and efficiently complete clinical studies. Large amounts of data coming from

the healthcare sector, an increase in clinical trials, and a focus on clinical research by the government are the main market drivers. For instance, ClinicalTrials.gov reports that as of June 2022, there were 418,021 research listed in 220 countries, of which 323,575 were operational studies and 92,782 were observational studies. Patient privacy is a concern that is raised by data integration, and the potential of data leakage is increased by the growing interchange of datasets across research institutions, CROs, partners, and software firms. However, during the forecast period of 2022–2029, the market's growth would be restraints by the high implementation costs associated with e–Clinical Solutions and the researchers' poor knowledge of these solutions' benefits.

Asia Pacific, North America, Europe, Latin America, and the Rest of the World are among the major geographical areas taken into account for the global e-clinical solution market analysis. In terms of revenue, North America dominated the sector. The region's demand for e- Clinical solution products is growing as a result of more stringent government regulations to endorse clinical trials, ongoing product advancements and new product launches by major e-Clinical solution market players, and an increase in the number of partnerships for the creation of novel drugs. Over the projection period, the Asia-Pacific region is anticipated to experience the fastest growth. because there are many unfulfilled medical needs and more people are developing chronic illnesses such as cancer, cardiovascular disease, and infectious infections.

Major market player included in this report are:

Oracle Corporation

Medidata Solution, Inc

PAREXEL International Corporation (Calyx)

BioClinica, Inc.

DataTrak International, Inc.

MaxisIT Inc.

Merge Healthcare Incorporated

Mednet Solutions

Saama Technologies, Inc.

IBM Watson Health

Recent Developments in the Market:

In May 2021, The Tasmanian Government and Oracle Corporation teamed up to run the Covid-19 vaccine campaign using Oracle's health management system.

In April 2021, With the new iteration of SmartSignal TM eConsent, released Signant Health announced the introduction of electronic informed consent solutions and increased capabilities. Sponsors now have more control over the process of gaining

electronic informed consent and re-consent for any research design thanks to key product functionality upgrades and tiered license options.

Global E-Clinical Solution 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 Product, Delivery, End-user and 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 to 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 caters 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 Product:

CDMS

EDC

CTMS

eCOA

RTSM

ETMF

Analytics

Integration

Safety

By Delivery:

Web-based

On-demand

On-premise

Cloud

By End-user:

Pharma & Biotech

Hospitals

CROs

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

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