E-Clinical Trial Technologies - Global Strategic Business Report

Description: This report analyzes the worldwide markets for E-Clinical Trial Technologies in US$ Million by the following Segments: Electronic Data Capture (EDC) Solutions, Clinical Trial Management System (CTMS), Electronic Patient Reported Outcome (ePRO), and Randomization and Trial Supply Management (RTSM). The report provides separate comprehensive analytics for the US, Canada, Europe, Asia-Pacific, and Rest of World.

Annual estimates and forecasts are provided for the period 2013 through 2020. Also, a three-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research. Company profiles are primarily based on public domain information including company URLs. The report profiles 85 companies including many key and niche players such as:

- Almac Group
- ArisGlobal LLC
- BioClinica
- Clinipace Worldwide
- Cmed Technology Ltd.

Contents:

I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS
   - Study Reliability and Reporting Limitations
   - Disclaimers
   - Data Interpretation & Reporting Level
   - Quantitative Techniques & Analytics
   - Product Definitions and Scope of Study
   - Electronic Data Capture (EDC) Solutions
   - Clinical Trial Management System (CTMS)
   - Electronic Patient Reported Outcome (ePRO)
   - Randomization and Trial Supply Management (RTSM)

II. EXECUTIVE SUMMARY

1. INDUSTRY OVERVIEW
   - A Prelude
   - Impact of Healthcare Budget Cuts: A Retrospective Review
   - Table 1: Healthcare Spending as a Percentage of GDP in Select Countries (includes corresponding Graph/Chart)
   - Table 2: Global Pharma & Biotech R&D Spending by Sector: 2014 (includes corresponding Graph/Chart)
   - Market Outlook
   - Table 3: World E-Clinical Trial Technologies Market (2014): Revenues in USD Million by Major Segment (includes corresponding Graph/Chart)
   - Market Gravitates from Developed Countries to Developing Countries
   - Outsourcing of Clinical Studies to Developing Countries Benefits Market
   - Globalization Boosts e-Clinical Trials Market
   - Table 4: Global Clinical Trials Market (2014): Clinical Trials Distribution by Geographic Region - Europe, North America, Asia-Pacific, Middle East & Africa and Rest of World (In %) (includes corresponding Graph/Chart)
   - Table 5: Comparison of Clinical Trial Costs between India and US by Trial Phase (includes corresponding Graph/Chart)
   - Regulatory Acceptance of Electronic Submissions: An Important Growth Driver
   - Cost-Containment: An Important Factor Increasing the Uptake of E-Clinical Trial Technologies
   - Sponsor Consolidation Brings forth the Risk of Competition
   - Governmental Regulations Risk the Requirement of Costly Modifications to Technology

2. MARKET DYNAMICS
   - EDC Segment Witnesses Upward Trend
   - Factors Influencing EDC Selection
   - Vendors Track Record
   - Regulatory Compliance
Data Security Standards
Product and Service Prices
Tablet-format Data Capture Devices to Gain Traction in the EDC Market
Tangible Cost-savings Bolster Rapid Uptake of CTMS Solutions
Select Major Clinical Trial Management Systems (CTMS) Providers Worldwide
Rising Number of Phase IV Trials Accentuates Role of CTMS
Electronic Patient Record (ePRO) Solutions Fast Replacing Paper-Based PRO systems
Preference Grows for Customized/Configured RTSM
RTSM Systems with Self-Service Capabilities to Displace Traditional IVR/IWR Software
Multifarious Operational Benefits Drive IVRS Adoption
Globalization of Clinical Trials Throws Up Challenges for IVR/IWR System Developers
Integration of Standalone eClinical Systems: Need of the Hour
Growing Call for Integration of EDC with CTMS and ePRO Systems
Integrated EDC-RTSM Systems - the New Paradigm
Next Generation e-Clinical Systems Help Life Sciences Companies Face New Challenges
Open Source - Emerging Solutions in Clinical Trials Domain
Select Open Source Technologies for Clinical Trials by Application Area
Benefits over Proprietary Technologies to Encourage Adoption
EDC- The Most Attractive Application for Open Source
Conversion to CDISC - An Emerging Application for Open Source Solutions
Mobile Technologies to Help Trial Operators in Tackling Challenges
Table 6: World Smartphone Penetration for Select Countries (as a Percentage of Mobile Phone Users): 2013
Table 7: Worldwide Mobile Networks (2013 & 2018): Percentage Share Breakdown of Number of Connections by Type of Network Technology
Surging SaaS-Based Solutions in the eClinical Landscape
Web-based Tools for Enrolment Modeling and Planning
A Peek into Other Innovative Technologies
Software Solutions for Capacity Planning and Forecasting
a Noteworthy Technology in the Offing

3. COMPETITIVE LANDSCAPE
Oracle Dominates the eClinical Trial Solutions Space
Table 8: Leading Players in the Global E-Clinical Market (2011): Percentage Breakdown of Revenues for Oracle/Phase Forward, Medidata, Perceptive, and Others
Select Leading Players in eClinical Technologies
Oracle's Acquisition Spree Heats up Competition
Competition in EDC Market: An Insight
A Fragmented Industry
Table 9: Global EDC Market by Leading Player (2013): Market Share Breakdown for Medidata, Oracle, and Others
Competitive Factors
Select Key Players in the CTMS Market
Snapshot of Select CTMS Solutions

4. PRODUCT PROFILE
Defining E-Clinical Trials
Benefits Offered by E-Clinical Trials
Transparency
Dynamic Program Management
Effective Trial Drug Supply
Effective Study Randomization
Enhanced Collaboration
Dynamic Site Management
Less Frequent Investigational Site Visits
Faster Go No-Go Decisions
Better Planning
Regulatory Compliance
CDISC Standards
Clinical Trials- In a Nutshell
Summarization of Clinical Trial Phases & Time Line for Drug Development
Systems Used in E-Clinical Trials
Electronic Data Capture Solutions (EDC)
Benefits of EDC
EDC and Paper CRFs - A Comparison
Recent Advancements in EDC
Clinical Trial Management System (CTMS)
CDMS to CTMS: The Evolutionary Move to eDevelopment
CROs - The Targeted Customers for CTMS
Clinical Trial Image Management System (CTMS)
Electronic Patient Reported Outcome (ePRO)
Electronic Diaries
Randomization and Trial Supply Management (RTSM)
Interactive Voice Response Systems (IVRS)
Technologies Used in IVR
Interactive Web Response Systems (IWRS)

5. PRODUCT/SERVICE INTRODUCTIONS
Parexel Releases Latest Version of ClinPhone RTSM
OmniComm Release of TrialOne Version 4.3
Techorizon Launches Th-eClinical
ArisGlobal Releases agCapture version 3.2
ArisGlobal Unveils agVet Pharmacovigilance Solution
Surrey Clinical Research Centre Inks 5-year Contract for OmniComm's Promasys
PHT Corporation Introduces LogPad® System on Google Nexus Smartphone
ArisGlobal Introduces agInquirer 3.1
eClinical Insights Unveils eClinical Intelligence Platform
OmniComm Systems, Inc. Introduces TrialMaster EDC Version 4.2
Perceptive Introduces Enhanced Version of IMPACT® CTMS Solution
CluePoint Unveils SMART Engine Risk-Based Monitoring Solution
ArisGlobal Introduces agDisclosure 3.1 Solution
Climipace Worldwide Improves TEMPO eClinical Platform
Phoenix Software International Unveils Entrypoint i4 EDC Software
CRF Health Unveils TrialMax® Suite eCOA Software with Android Support
OpenClinica Unveils Version 3.1.3 of OpenClinica Enterprise Edition
ePharmaSolutions Introduces PatientLive App for Windows 8 Platform
Forte Research Incorporates Submission Console in OnCore® CRMS
Veeva Systems Introduces Vault eTMF Cloud-Based Application
MedNet Solutions Introduces New Version of iMedNet EDC Application
Michigan Institute Unveils Mi-OC Version of OpenClinica CTMS
MonitorForHire.com Unveils New Mobile-Based Application
PHT Introduces NetPRO 1.3 Solution
ERT Unveils Upgraded Clinical Research Workflow Technology
Anoto Group, Ubisys and Perinatal Institute Develop E-Preginfo Maternity EDC System
Formedix Releases Transform Suite for Perceptive's DataLabs EDC Systems
OmniComm Systems Unveils TrialMaster Version 4.1.2
Techsol Introduces QuickLaunch LabPas Deployment Package
Syne Qua Non Unveils New Version of Syne-clin® System
PAREXEL International Introduces PAREXEL MyTrials Platform
Merge Healthcare Rolls Out Merge eClinical OS
Y-Prime Technologies Introduces Prime Publisher Concatenation Tool
NextTrials to Unveil iPad Application for Prism Clinical Trial Management Platform
IMS Health Introduces IMS SiteOptimizer
Forte Research Systems Introduces OnCore® Version 12.0 CRMS
MedPoint Digital Launches Mobile Friendly eClinical Technologies
Lilly Oncology Introduces Clinical Trial Resource Mobile Application
PharmaPros Unveils Adapt Central Hybrid Solution
PHT Launches Version 4.16 of StudyWorks
Perceptive Informatics Unveils Site Inventory Management Module for ClinPhone RTSM
Oracle Health Sciences Unveils New Version of Clinical Development Analytics
Y-Prime Technologies Rolls Out Prime IxR and Prime eMVR Systems
Trianz Solutions Unveils Acceliant eClinical Suite-v6.4
Forte Research Systems Unveils New Version of Allegro CTMS@Site
DATATRAK International Unveils uCTMS Clinical Trial Management System
Synteract Launches SynCapture™ EDC System in Version 1.5
6. RECENT INDUSTRY ACTIVITY
BioClinica Takes Over Blueprint Clinical, Inc.
CIantha Research Takes Over Karmic Lifesciences
Eurotrials Partners Merge eClinical for Clinical Research Technology
Instem and Medidata Solutions to Integrate Medidata Rave and ALPHADAS
Clinverse Partners with eClinical Insights
TFS International Selects OmniComm TrialMaster
JLL Partners Takes Over CoreLab Partners and BioClinica
CROS NT Takes Over Symphony EDC System from Powertrial
PharmaPros Renamed as eClinical Insights
SGS Life Science Services Selects Merge eCLINICAL OS™ for Phase I-IV Studies
Tampa General Hospital Adopts Merge Healthcare CTMS
SIRO Clinpharm Deploys Oracle Health Sciences InForm
OmniComm Systems Partners Soltex Consulting
Oracle Takes Over ClearTrial
Clinipace Worldwide Merges with Paragon Biomedical to Acquire Irvine
eResearch Technology Acquires Invivodata
IMS Health Takes Over DecisionView
NTT Data Secures DATATRAK Non-Exclusive License for Reselling DATATRAK ONE
Larix Signs Agreement with OmniComm Systems for eClinical Suite
QED Clinical Services Selects SimpleCTMS for Trial By Fire Solutions
Veeva Systems and Medidata Solutions Collaborate for Integrated Vault eTMF Solution
NextDocs and BioClinica Enter into Partnership
Merge Healthcare and AG Mednet Enter into Partnership
Eclinso and XClinical Ink Strategic Partnership Agreement
NCGS Chooses Merge Healthcare's eClinical OS and CTMS
Worldwide Clinical Trials Selects TransPerfect eTMF
TauRx Therapeutics Inks Agreements with BioClinica
Advanced Clinical Joins iMedNet™ Partner Program of MedNet Solutions
Tigermed Consulting Chooses Merge Healthcare CTMS
Datapharm Australia Chooses Merge Healthcare's eClinical OS
Kaketsuken Deploys Medidata Solutions' Rave® and Balance RTMS
Sanofi Chooses BioClinica OnPoint CTMS
Iisis Pharmaceuticals to Extend Use of BioClinica's Express EDC for Upcoming Trials
Worldwide Clinical Trials Chooses eClinical OS™ System from Merge Healthcare
TFS International Deploys Medidata CTMS from Medidata Solutions Worldwide
Luitpold Pharmaceuticals Selects Express EDC from BioClinic
Cytochroma Chooses Suite of Applications from Systems
TriReme Medical Chooses OpenClinica Enterprise Edition
UCL Clinical Trials Unit Selects MACRO EDC Solution from InferMed
CHDI Foundation to Deploy eClinical GPS Platform and ClinCard System
INC Research Chooses Trial Interactive eTMF from TransPerfect
PRC Clinical Selects SimpleCTMS from Trial By Fire Solutions
TKL Research Selects Medidata CTMS
Grünenthal Inks License Agreement with BioClinica
Amarin Selects eClinical Suite of BioClinica
OmniComm Systems Secures License for Pharma Medica's TrialMaster Suite
Harrison Clinical Research Chooses BioClinica OnPoint CTMS
Greenphire Enters into Strategic Partnership with Merge Healthcare

7. FOCUS ON SELECT PLAYERS
Almac Group (UK)
ArisGlobal LLC (US)
BioClinica (US)
Clinipace Worldwide (US)
Cmed Technology Ltd (UK)
DATATRAK International, Inc. (US)
DSG Inc. (US)
DZS Software Solutions, Inc. (US)
eClinForce, Inc (US)
eClinical Insights, Inc. (US)
eResearch Technology, Inc. (US)
8. GLOBAL MARKET PERSPECTIVE

Table 10: World Recent Past, Current & Future Analysis for E-Clinical Trial Technologies Market by Geographic Region
US, Canada, Europe, Asia-Pacific (Including Japan), and Rest of World Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 11: World Historic Review for E-Clinical Trial Technologies Market by Geographic Region - US, Canada, Europe, Asia-Pacific (Including Japan), and Rest of World Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2010 through 2012 (includes corresponding Graph/Chart)

Table 12: World 11-Year Perspective for E-Clinical Trial Technologies Market by Geographic Region - Percentage Breakdown of Dollar Revenues for US, Canada, Europe, Asia-Pacific (Including Japan), and Rest of World Markets for Years 2010, 2014 & 2020 (includes corresponding Graph/Chart)

Table 13: World Recent Past, Current & Future Analysis for E-Clinical Trial Technologies Market by Application - EDC, CTMS, ePROs, and RTSM Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 14: World Historic Review for E-Clinical Trial Technologies Market by Application - EDC, CTMS, ePROs, and RTSM Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2010 through 2012 (includes corresponding Graph/Chart)

Table 15: World 11-Year Perspective for E-Clinical Trial Technologies Market by Application - Percentage Breakdown of Dollar Revenues for EDC, CTMS, ePROs, and RTSM Markets for Years 2010, 2014 & 2020 (includes corresponding Graph/Chart)

Table 16: World Recent Past, Current & Future Analysis for Electronic Data Capture (EDC) Market by Clinical Trial Phase
Phase I, II, III, and IV Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 17: World Historic Review for Electronic Data Capture (EDC) Market by Clinical Trial Phase - Phase I, II, III, and IV Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2010 through 2012 (includes corresponding Graph/Chart)

Table 18: World 11-Year Perspective for Electronic Data Capture (EDC) Market by Clinical Trial Phase - Percentage Breakdown of Dollar Revenues for Phase I, II, III, and IV Markets for Years 2010, 2014 & 2020 (includes corresponding Graph/Chart)

Table 19: World Recent Past, Current & Future Analysis for Clinical Trial Management Systems (CTMS) Market by Delivery Mode - Web-based CTMS, Cloud-based CTMS and On-Premise CTMS Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 20: World Historic Review for Clinical Trial Management Systems (CTMS) Market by Delivery Mode - Web-based CTMS, Cloud-based CTMS and On-Premise CTMS Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2010 through 2012 (includes corresponding Graph/Chart)

Table 21: World 11-Year Perspective for Clinical Trial Management Systems (CTMS) Market by Delivery Mode - Percentage Breakdown of Dollar Revenues for Web-based CTMS, Cloud-based CTMS and On-Premise CTMS Markets for Years 2010, 2014 & 2020 (includes corresponding Graph/Chart)

Table 22: World Recent Past, Current & Future Analysis for Electronic Patient Reported Outcomes (ePRO) Market Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 23: World Historic Review for Electronic Patient Reported Outcomes (ePRO) Market Analyzed with Annual Revenue Figures in US$ Million for Years 2010 through 2012 (includes corresponding Graph/Chart)

Table 24: World Recent Past, Current & Future Analysis for Randomization and Trial Supply Management (RTSM) Market Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 25: World Historic Review for Randomization and Trial Supply Management (RTSM) Market Analyzed with Annual Revenue Figures in US$ Million for Years 2010 through 2012 (includes corresponding Graph/Chart)

III. MARKET

1. THE UNITED STATES
   A. Market Analysis
   Current & Future Analysis
   Strategic Corporate Developments
   Select Key Players
   B. Market Analytics
   Table 26: The US Recent Past, Current & Future Analysis for E-Clinical Trial Technologies Market Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
   Table 27: The US Historic Review for E-Clinical Trial Technologies Market Analyzed with Annual Revenue Figures in US$ Million for Years 2010 through 2012 (includes corresponding Graph/Chart)

2. CANADA
   A. Market Analysis
   Current & Future Analysis
   Strategic Corporate Development
   B. Market Analytics
   Table 28: Canadian Recent Past, Current & Future Analysis for E-Clinical Trial Technologies Market Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
   Table 29: Canadian Historic Review for E-Clinical Trial Technologies Market Analyzed with Annual Revenue Figures in US$ Million for Years 2010 through 2012 (includes corresponding Graph/Chart)

3. EUROPE
   A. Market Analysis
   Current & Future Analysis
   Strategic Corporate Developments
   Select Key Players
   B. Market Analytics
   Table 30: European Recent Past, Current & Future Analysis for E-Clinical Trial Technologies Market Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
   Table 31: European Historic Review for E-Clinical Trial Technologies Market Analyzed with Annual Revenue Figures in US$ Million for Years 2010 through 2012 (includes corresponding Graph/Chart)

4. ASIA-PACIFIC
   A. Market Analysis
   Current & Future Analysis
   Overview of Key Markets
   Japan
   China
   China- A Potential, Yet Challenging Market
   Strategic Corporate Developments
   Select Key Players
   B. Market Analytics
   Table 32: Asia-Pacific (including Japan) Recent Past, Current & Future Analysis for E-Clinical Trial Technologies Market Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
   Table 33: Asia-Pacific (including Japan) Historic Review for E-Clinical Trial Technologies Market Analyzed with Annual Revenue Figures in US$ Million for Years 2010 through 2012 (includes corresponding Graph/Chart)
5. REST OF WORLD
A. Market Analysis
   Current & Future Analysis
   The Middle East - Brimming with Potential for Clinical Trials
   Table 34: The Middle East Clinical Trial Market (2014): Percentage Breakdown of Registered Clinical Trials in
   Israel, Turkey, Iran, Saudi Arabia, Lebanon, and Rest of Middle East (includes corresponding Graph/Chart)
B. Market Analytics
   Table 35: Rest of World Recent Past, Current & Future Analysis for E-Clinical Trial Technologies Market
   Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding
   Graph/Chart)
   Table 36: Rest of World Historic Review for E-Clinical Trial Technologies Market Analyzed with Annual
   Revenue Figures in US$ Million for Years 2010 through 2012 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE
   Total Companies Profiled: 85 (including Divisions/Subsidiaries - 92)
   The United States (58)
       Canada (2)
       Japan (1)
       Europe (27)
       - France (2)
       - Germany (3)
       - The United Kingdom (12)
       - Italy (2)
       - Rest of Europe (8)
   Asia-Pacific (Excluding Japan) (4)

Ordering:
Order Online - http://www.researchandmarkets.com/reports/2228027/
Order by Fax - using the form below
Order by Post - print the order form below and send to

   Research and Markets,
   Guinness Centre,
   Taylors Lane,
   Dublin 8,
   Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

**Product Name:**  E-Clinical Trial Technologies - Global Strategic Business Report
**Web Address:**  http://www.researchandmarkets.com/reports/2228027/
**Office Code:**  SC

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>USD 4950</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>USD 6930</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 10 Users:</td>
<td>USD 9405</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 15 Users:</td>
<td>USD 11880</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in **BLOCK CAPITALS**

Title:  
Mr  □  Mrs  □  Dr  □  Miss  □  Ms  □  Prof  □

First Name:  
Last Name:  

Email Address:  *

Job Title:  

Organisation:  

Address:  

City:  

Postal / Zip Code:  

Country:  

Phone Number:  

Fax Number:  

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by Wire Transfer: Bank details will be provided on the invoice which you will receive after you place your order with us.

If you have a Marketing Code please enter it below:

Marketing Code: __________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World