

Clinical Development Platforms Products PEAK Matrix® Assessment 2022

July 2022: Complimentary Abstract / Table of Contents



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Benchmarking

Contract assessment

Peer analysis

Market intelligence

Tracking: providers, locations, risk, technologies

Locations: costs, skills, sustainability, portfolios

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Background of the research

Clinical development platforms continue to evolve with technological advancements and scientific breakthroughs. However, the recent pandemic has had a tremendous impact on how clinical trials are designed and conducted, catalyzing the adoption of digital technologies, products, data science, analytics, and automation tools, enabling remote services, and preserving the continuity of care. Nevertheless, data silos, complex clinical trial technology landscape, traditional methods of data analysis, concerns with data privacy and security, and regulatory complications hinder efforts to accelerate the trials and enhance the experience for patients, sites, and physicians.

A unified clinical development platform with improved data architecture and analytics capabilities aims to accelerate the drug development process and enrich the experience for sponsors, patients, and physicians. Interestingly, the industry has gone from questioning the existence of an end-to-end platform to creating a near-term vision for adopting such platforms. There is an increase in willingness among sponsors to shift from a traditional best-of-breed landscape to a simplified best-of-breed approach. Everest Group's Clinical Development Platforms – Products PEAK Matrix® Assessment 2022 looks at the current vendor landscape and platforms and presents in-depth analysis and insights into such platforms.

In this report, we assess the capabilities of 22 clinical development platform vendors. These vendors are mapped on the Everest Group PEAK Matrix which is a composite index of a range of distinct metrics related to a vendor's capability and market impact. We focus on:

- The landscape of vendors for clinical trial platforms and products
- Assessment of the vendors on several capability and market success-related dimension

Scope of this report



Geography
Global



Industry
Life sciences (biopharmaceuticals, medical devices, and Contract Research Organizations (CROs))

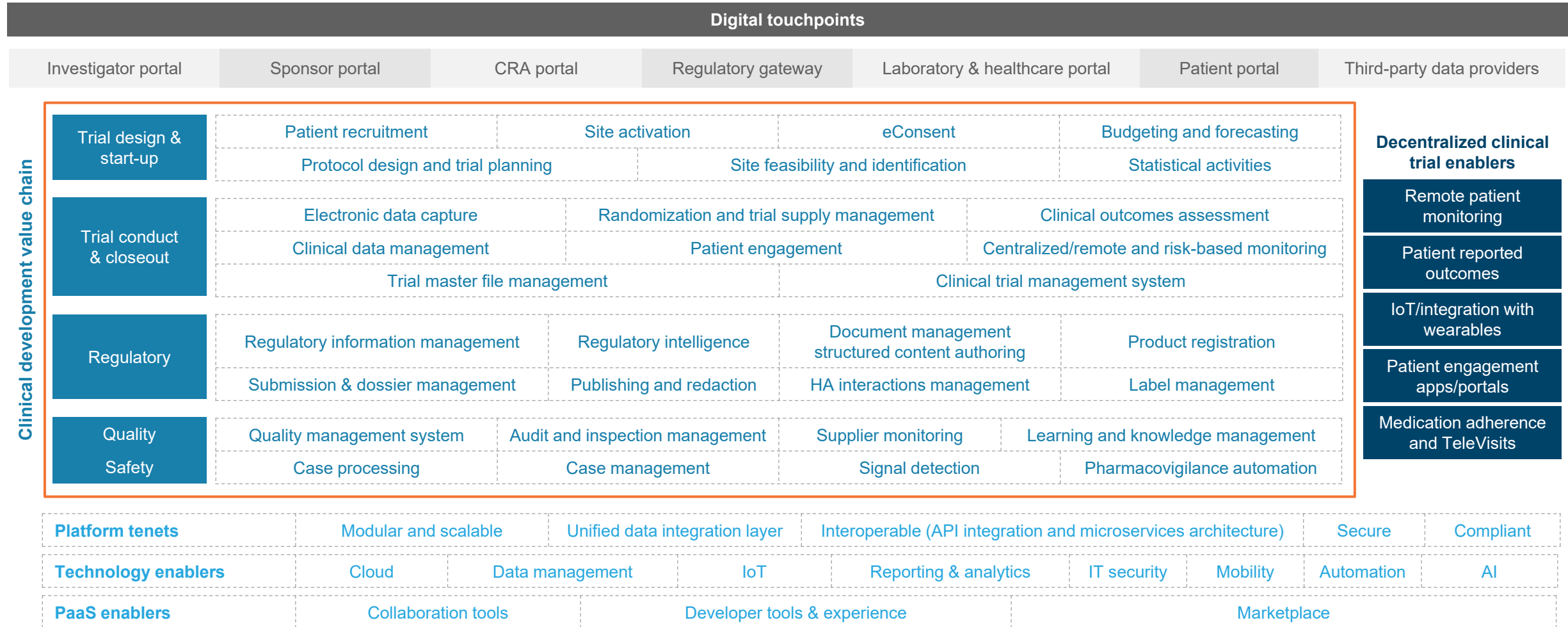


Vendor offering
Clinical development platforms

Focus of the research

In this report, Everest Group focuses on the entire spectrum of the clinical development value chain

Scope of assessment



- Decentralized clinical trial enablers**
- Remote patient monitoring
 - Patient reported outcomes
 - IoT/integration with wearables
 - Patient engagement apps/portals
 - Medication adherence and TeleVisits

Overview and abbreviated summary of key messages

This report examines the 2022 clinical development platform vendor landscape and their impact on the clinical development market. It focuses on product vendors position and growth in the clinical development market, changing market dynamics and emerging platform vendor trends, and assessment of platform capabilities.

Some of the findings in this report, among others, are:

Changing market dynamics

- The industry has gone from questioning the existence of an end-to-end clinical development platform to creating a near term vision of adopting such platforms
- Clinical business functions with less complexities and limited application sprawl are more likely to adopt the unified platform earlier. There is an increase in willingness to shift from traditional best-of-breed landscape to a simplified best-of-breed approach

Emerging enterprise trends

- Enterprises are opening to the idea of unification of clinical development IT landscape. However, they are apprehensive that presently no single product vendor can deliver that orchestrated solution
- Enterprises are demanding a clinical development landscape where systems seamlessly integrate with each other, create a single source of truth, work on latest analytics capabilities, and provide best-in-class services

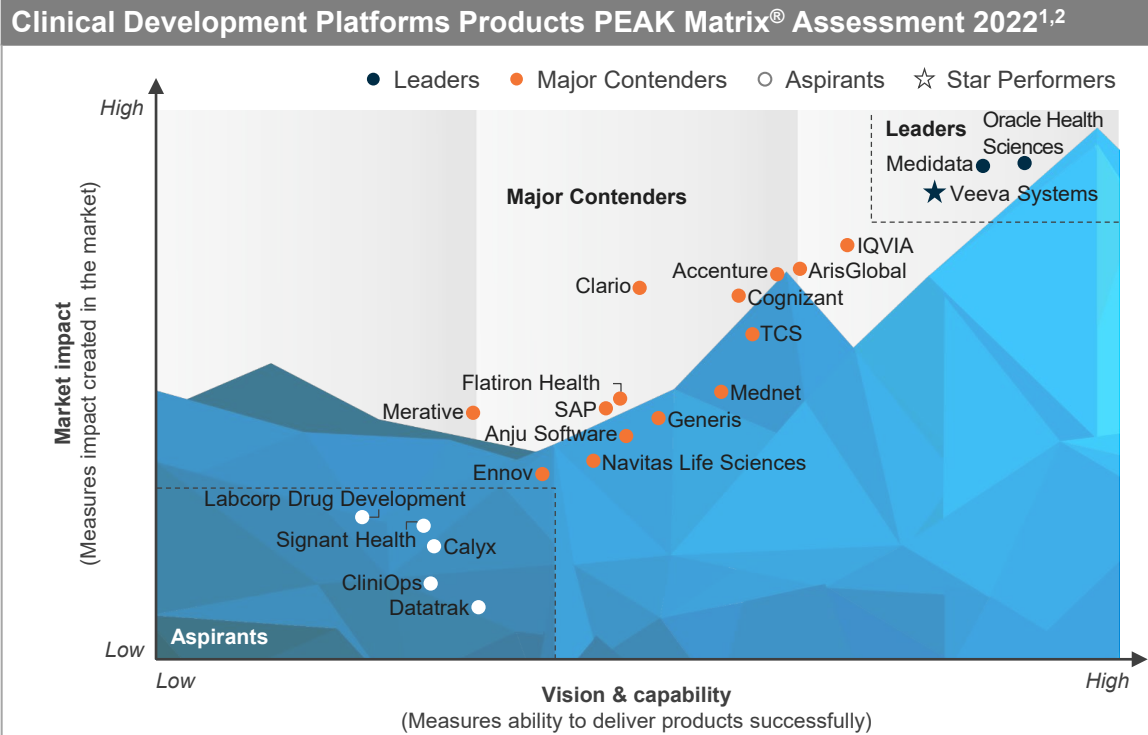
Emerging product vendor trends

- Vendors are increasingly focusing on reducing data silos, improving data architectures, analytics capabilities, data integrations and interoperability to lower the total cost of ownership and reduce time-to-market
- Aggressive efforts around creating success stories, simplifying technology landscape, demystifying regulatory complications, and co-innovating with early adopters will push the needle toward the adoption of a unified platform

Product vendor delivery capability

- Clinical development platform vendors can be categorized into Leaders, Major Contenders, and Aspirants on a capability-market-share matrix
- Medidata, Oracle Health Sciences, and Veeva Systems are the current leaders in the clinical development platforms market. However, several product vendors are emerging as major contenders

This study offers three distinct chapters providing a deep dive into key aspects of clinical development platforms market; below are three charts to illustrate the depth of the report



1 Assessments for Calyx, CliniOps, Datatrak, Generis, Ennov, Labcorp Drug Development, Merative, Navitas Life Sciences, Signant Health, and Veeva Systems excludes product vendor inputs and are based on Everest Group's proprietary Transaction Intelligence (TI) database, product vendor public disclosures, and Everest Group's interactions with clinical development platform product buyers

2 Analysis for Flatiron Health is based on capabilities of Protocol First before both the companies combined, analysis for Clario is based on capabilities after the merger between Bioclinica and ERT to form Clario, analysis for Merative is based on IBM's clinical development capabilities, before Merative became a new standalone company

Source: Everest Group (2022)

Capability assessment Illustrative example

Measure of capability: ○ Low ● High

Providers	Market impact				Vision & capability					
	Market adoption	Portfolio mix	Value delivered	Overall	Vision and strategy	Technology capability	Flexibility and ease of deployment	Engagement and commercial model	Delivery footprint	Overall
Product vendor 1	●	○	●	●	●	○	●	●	○	●
Product vendor 2	○	○	○	○	○	○	○	○	○	○
Product vendor 3	○	○	○	○	○	○	○	○	○	○
Product vendor 4	○	○	○	○	○	○	○	○	○	○
Product vendor 5	○	○	○	○	○	○	○	○	○	○
Product vendor 6	○	○	○	○	○	○	○	○	○	○
Product vendor 7	○	○	○	○	○	○	○	○	○	○
Product vendor 8	○	○	○	○	○	○	○	○	○	○
Product vendor 9	○	○	○	○	○	○	○	○	○	○

Everest Group's remarks on providers Illustrative example

Measure of capability: ○ Low ● High

Market impact				Vision & capability					
Market adoption	Portfolio mix	Value delivered	Overall	Vision and strategy	Technology capability	Flexibility and ease of deployment	Engagement and commercial model	Support	Overall
●	○	●	●	●	○	○	○	○	○

Strengths

- Product vendor 1 is focusing on improving and adding capabilities to the platform in the areas of data integration, process automation, data fabrication, and analytics
- Clients appreciate the domain expertise and process knowledge along with the strong support services

Limitations

- It can look to improve the testing cycle for its products, making it more rigorous and conducting end-to-end platform testing over the siloed approach
- It can help enterprises adopt new platforms and solutions through robust and successful change management strategies

Research calendar

Life Sciences Information Technology

Published Planned Current release

Reports title	Release date
Clinical Development Platforms – Vendor Landscape with Products PEAK Matrix® Assessment 2020	September 2020
Clinical Development Platforms Product Vendor Compendium 2020	October 2020
Increasing Diversity in Clinical Trials	October 2020
Clinical Development Platforms Market Overview	November 2020
Veeva Services PEAK Matrix® Assessment 2021	March 2021
Veeva Services Market Overview	July 2021
Decentralized Clinical Trial Products PEAK Matrix® Assessment 2021	July 2021
Decentralized Clinical Trial Products Market Overview	September 2021
Decentralized Clinical Trials Adoption Playbook	December 2021
Accelerating the Value of Data in Life Sciences	January 2022
Clinical Development Platforms Products PEAK Matrix® Assessment 2022	July 2022
Reaping Success from End-to-End Clinical Development Platforms	Q3 2022
Decentralized Clinical Trial Products PEAK Matrix® Assessment 2022	Q4 2022
Preparing the Landscape for the Next-gen Decentralized Clinical Trials (DCT)	Q4 2022
Life Sciences Decentralized Clinical Trial Products – State of the Market	Q1 2023

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