

ProviderLife SciencesCompendiumInformationTechnology

### **Decentralized Clinical Trial Platforms Provider Compendium 2023**

December 2022: Complimentary Abstract / Table of Contents



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# Contents

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1.	Introduction and overview					
	Research methodology	6				
	Key information on the report	7				
	Introduction	8				
	Focus of the research	9				
2.	Decentralized clinical trial platforms PEAK Matrix <sup>®</sup> characteristics	10				
	PEAK Matrix Framework	11				
	Everest Group PEAK Matrix for decentralized clinical trial platforms provider	14				
	Characteristics of Leaders, Major Contenders, and Aspirants	15				
	Platform provider capability summary dashboard	17				
3.	Enterprise sourcing consideration					
	• Leaders	21				
	- Medable	22				
	<ul> <li>Medidata Solutions</li> </ul>	28				
	- Science 37	34				
	– THREAD	40				
	Major Contenders	46				
	– Alira Health	47				
	- Castor	53				
	- Clario	59				
	– Clinical ink	65				

# Contents

	Major Contenders (Continued)	
	- CliniOps	71
	- Clinpal	77
	- Crucial Data Solutions	84
	- Curebase	90
	– Delve Health	96
	– IQVIA	102
	<ul> <li>Labcorp Drug Development</li> </ul>	108
	- Medrio	114
	– ObvioHealth	120
	– Signant Health	127
	- Viedoc Technologies	133
	Aspirants	139
	- Aparito	140
	- Bloqcube®	146
	– Jeeva™	152
	– REDCap Cloud	158
	– YPrime	164
5.	Appendix	170
	• Glossary	171
	Research calendar	172

#### Introduction

Decentralized Clinical Trials (DCTs) include collecting data through sensors or remote monitoring devices carried by a patient without the need to visit a site. These trials can deliver many benefits to pharmaceutical companies including cost savings, better patient recruitment and retention, flexibility in operation, and improved data quality. Before the COVID-19 pandemic, although the technology and literature to support DCTs existed, there were only a few pilots being conducted as enterprises grappled with regulatory uncertainties, upfront capital investment in sensors and products, and limited functionalities to decentralize clinical trials. The increasing need for remote patient- and site-centric trials increased the investments in DCTs. Desired patient experience, smooth onboarding of the diverse patient population, seamless technological execution during trials, and hassle-free logistics at the site have been the focus for enterprises. The momentum is expected to accelerate as we move beyond 2022, indicating that DCTs are here for the long term. Technological advancements (cloud, Al/ML, NLP, etc.), innovative business models, increased wearables support, FDA's push to the industry to adopt DCT, and a holistic approach to clinical trials have proliferated the landscape.

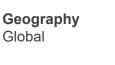
The accelerated virtualization in both consumer and trial contexts caused numerous start-ups to come up with innovative and flexible offerings, changing the landscape. DCT platform providers are taking an ecosystem approach to address challenges in the DCT space through various partnerships and M&As. Through co-innovation, continuous product improvement, and market education, DCT platform providers are focusing on increasing trust, speeding up trial timelines, and delivering a smooth experience in running DCTs.

In this report, we assess the capabilities of 24 platform providers specific to the decentralized clinical trial platform. These platform providers are mapped on the <u>Everest Group</u> <u>Decentralized Clinical Trial Platforms PEAK Matrix® Assessment 2023</u>, which is a composite index of a range of distinct metrics related to a provider's capability and market impact. We focus on:

- The landscape of platform providers for DCTs
- Assessment of the DCT platform providers on several capability and market success-related dimensions

#### Scope of this report





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



**Provider offerings** Decentralized clinical trial platforms



#### **Decentralized clinical trial platforms | scope of the research**

In this report, Everest Group focuses on platforms that enable decentralized clinical trials

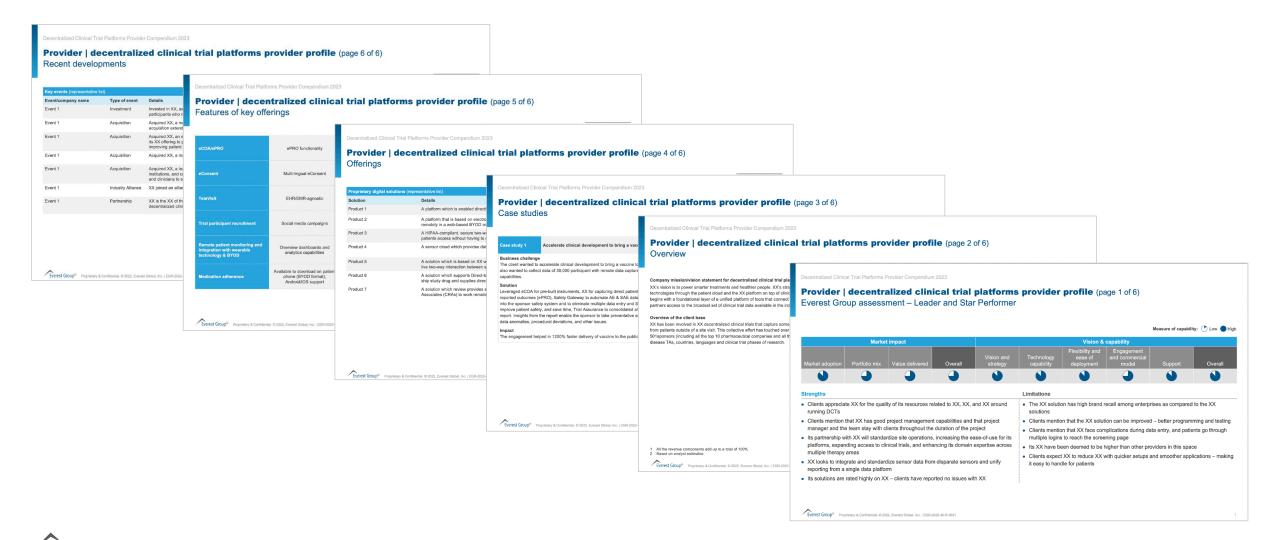
Mode of conduct								
Completely virtual			Hybrid (digitally-enabled trials)					
Core modules (technology products)								
Trial participant recruitment (screening and enrollment) eConsent		Wearable technology with BYOD integratio + Remote patient monitoring		Medication adherence		Televisit		eCOA/ePRO
DCT platform capabilities								
Unified data platform	Integration of devices and workflows with existing clinical development systems		User training a	ng and support Data security, pr complian			RWD collection and analysis	
Site support and enablementSingle sign-on, user-friendly UI, smooth operations, multilingual offering, and support		Collaboration workflows for all stakeholders Enterprise-wide sca (geography and the areas)		and therapeutic	DCT analytics (KPIs, next-best actions, and actionable insights)			
Patient engagement (information exchange, feedback, training, and support)								

Enabling services (in-house/partnerships)				
Home nursing services	Patient concierge services	Medical record review services	Drug and device provisioning	Remote CRA

Inclusion criteria for the assessment: platform providers offering at least eCOA/ePRO, eConsent, and televisit capabilities (out of the core modules) will qualify for this assessment

Scope of assessment

## The decentralized clinical trial platforms provider compendium has over 24 provider profiles/buyer case studies/architecture of the survey questionnaire, etc.



#### **Research calendar**

Life Sciences Information Technology

	Published Planned Current release
Reports title	Release date
Increasing Diversity in Clinical Trials	October 2020
Clinical Development Platforms Market Overview	November 2020
Veeva Services PEAK Matrix <sup>®</sup> Assessment 2021	March 2021
Veeva Services Market Overview	July 2021
Decentralized Clinical Trial Products PEAK Matrix <sup>®</sup> 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 <sup>®</sup> Assessment 2022	July 2022
Remote Patient Monitoring (RPM) in Decentralized Clinical Trials (DCT)	November 2022
Decentralized Clinical Trial Platforms PEAK Matrix <sup>®</sup> Assessment 2023	November 2022
Decentralized Clinical Trial Platforms Provider Compendium 2023	December 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
Increasing Site Preparedness for Implementing Decentralized Clinical Trials	Q2 2023

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