

# **Quality Engineering (QE) Specialist – Provider Compendium 2023**

November 2023: Complimentary Abstract / Table of Contents



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- ► Revenue Cycle Management
- Rewards and Recognition
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- ▶ Value and Quality Assurance (VQA)

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## Introduction

In today's dynamic business landscape, enterprise technology landscape is rapidly evolving with software products taking center stage. The need for faster time-to-market has become imperative, driving frequent releases and the adoption of both shift-left and shift-right approaches. Quality engineering now holds heightened importance, as expectations for superior products soar. To support enterprises in their journey toward quality transformation, service providers are channeling investments into innovation and enhanced capabilities.

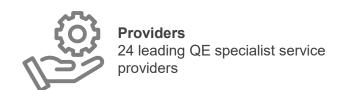
In this research, we present an assessment of 24 quality engineering service providers featured on the Quality Engineering (QE) Specialist Services PEAK Matrix<sup>®</sup>. Each provider profile provides a comprehensive picture of its service focus, key Intellectual Property (IP) / solutions, domain investments, and case studies. The assessment is based on Everest Group's annual RFI process for calendar year 2023, interactions with leading quality engineering service providers, client reference checks, and an ongoing analysis of the quality engineering services market.

This report includes the profiles of the following 24 leading quality engineering service providers featured on the PEAK Matrix®:

- Leaders: Cigniti, Coforge, Nous Infosystems, Qualitest, and QualityKiosk
- Major Contenders: a1qa, Apexon, DataArt, eInfochips, ImpactQA, Jade Global, Marlabs, Planit, QualiZeal, RTTS, SLK Software, TestingXperts, Trigent, and ValueMomentum
- Aspirants: QASource, QualityLogic, TestCrew, Testhouse, and TO THE NEW

## Scope of this report







# **Quality engineering services scope**

					Service	es scope				NOT	EXHAUSTIVE	
Functional testing						Non-functional testing						
Unit testing	, ,		Regression testing	Acceptance testing	API testing	Performance testing	Security testing	Compliance testing	Usability testing	Compatibility testing	Accessibility testing	
Crowdsourced testing					Modernization testing							
QE advisory					Test automation							
	Assurance of next-generation technology themes											
Intelligent systems (generative AI, advanced analytics, big data)		(digital twin, IoT, 5G) (AR/VR/I		Extended re (AR/VR/MR, me Web 3.0	ietaverse,	etaverse, (distributed ledger technologies,		es, (low-code no-	Modern applications (low-code no-code, Al-assisted development)		Cloud applications (serverless computing, hybrid-cloud, multi-cloud)	
<ul><li>Output validation</li><li>Core algorithm testing</li><li>Model performance testing</li></ul>		Compatibility test	Interoperability testing Compatibility testing Network connectivity testing  • Immersion testing • Interoperability testing • Interoperability testing • Hardware compatitesting		testing	<ul><li>Smart contract testing</li><li>Node/peer testing</li><li>Consensus testing</li></ul>		<ul> <li>Continuous t</li> </ul>	<ul><li> Microservices testing</li><li> Continuous testing</li><li> Chaos engineering</li></ul>		<ul><li>Scalability testing</li><li>Multi-tenancy testing</li><li>Disaster recovery testing</li></ul>	
			'		Key area	as covered						
Custom applications					COTS applications							
Mobile		Desktop		Web		ERP		CRM	CRM HCM		SCM	
			·	Phy	/gital produc	ts and embedded sys	tems					
Drone		Gaming consoles	3	Medical devices		Smart wearables		Wireless de	Wireless devices Point o		of Sale (PoS) systems	
								-				

# The Quality Engineering (QE) Specialist – Provider Compendium 2023 has 24 provider profiles



# **Research calendar**

# **Application Services**

	Published Planned Current release
Reports title	Release date
Future of Enterprise Quality	January 2023
Webinar Deck: Sustainability in the New Year: Follow Through on Resolutions for People and the Planet	February 2023
Hitting the Bullseye: Getting Multi-Cloud Application Development Right	April 2023
Low-Code Application Development Services PEAK Matrix® Assessment 2023	April 2023
Application Automation Services PEAK Matrix® Assessment 2023	May 2023
Sustainability in Software – Paving the Way for a Greener IT Landscape	June 2023
Low-Code Application Development Services – Provider Compendium 2023	August 2023
Application Automation Services – Provider Compendium 2023	August 2023
Quality Engineering (QE) Specialist Services PEAK Matrix® Assessment 2023	September 2023
Application Services State of the Market 2023	September 2023
Next-generation Quality Engineering (QE) Services PEAK Matrix® Assessment 2023	October 2023
Low-Code Application Development Platforms PEAK Matrix® Assessment 2023	November 2023
Quality Engineering (QE) Specialist Services – Provider Compendium 2023	November 2023
Next-generation Quality Engineering (QE) Services – Provider Compendium 2023	Q4 2023
Application Transformation Services PEAK Matrix® Assessment 2023	Q4 2023

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