# Quality Engineering (QE) Specialist – Provider Compendium 2023

## November 2023: Complimentary Abstract / Table of Contents

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Application Services, Value and Quality Assurance (VQA)

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- Retail and CPG Information Technology
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- Rewards and Recognition
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- Supply Chain Management (SCM) Services
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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.
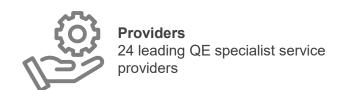
In this research, we present an assessment of 24 quality engineering service providers featured on the Quality Engineering (QE) Specialist Services PEAK Matrix®. Each provider profile provides a comprehensive picture of its service focus, key Intellectual Property (IP) / solutions, domain investments, 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**

**Geography**
Global

**Providers**
24 leading QE specialist service providers

**Services**
Quality engineering services

# Quality engineering services scope

## Services scope

*NOT EXHAUSTIVE*

| Functional testing | | | | | | Non-functional testing | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit testing | Integration testing | System 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) | Connected ecosystems (digital twin, IoT, 5G) | Extended reality (AR/VR/MR, metaverse, Web 3.0) | Decentralized ecosystem (distributed ledger technologies, blockchain) | Modern applications (low-code no-code, AI-assisted development) | Cloud applications (serverless computing, hybrid-cloud, multi-cloud) |
|---|---|---|---|---|---|
| • Output validation<br>• Core algorithm testing<br>• Model performance testing | • Interoperability testing<br>• Compatibility testing<br>• Network connectivity testing | • Immersion testing<br>• Interoperability testing<br>• Hardware compatibility testing | • Smart contract testing<br>• Node/peer testing<br>• Consensus testing | • Microservices testing<br>• Continuous testing<br>• Chaos engineering | • Scalability testing<br>• Multi-tenancy testing<br>• Disaster recovery testing |

## Key areas covered

| Custom applications | | | COTS applications | | | |
|---|---|---|---|---|---|---|
| Mobile | Desktop | Web | ERP | CRM | HCM | SCM |
| Phygital products and embedded systems | | | | | | |
| Drone | Gaming consoles | Medical devices | Smart wearables | | Wireless devices | Point of Sale (PoS) systems |

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

# Research calendar
## Application Services

| 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 |

Note: Click to see a list of all of our published Application Services reports

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