



# Mindtree

A Larsen & Toubro Group Company



## Quality Engineering

has become indispensable in the Digital Engineering and Product Centric universe. The advent of Continuous testing, Hyper-automation and AI/ML has influenced organizations to embrace a holistic quality mindset and effectively drive customer delight.

### About Mindtree Test Engineering Services

Since Mindtree's inception, our Test Engineering Services has been providing "Quality @ Speed" for our customers. The impact of our Quality Engineering excellence has resulted in 50%+ of our engagements being long standing (10+ years). Our Matrix model of supporting five industry groups of Banking, Financial Services & Insurance (BFSI), Retail, Consumer Product Goods & Manufacturing (RCM), Travel, Tourism & Hospitality (TTH), Communication, Media & Technology (CMT) and Health (HC) across various testing specializations (Intelligent Automation, Enterprise Applications, Data, Cloud, IoT, Performance & Resilience, Digital and Product Testing) has enabled us to re-invent domain-centric test solutions and accelerators.

### Quality Engineering Services

170+

Active clients

80%

Specialized testing

75%

Agile/DevOps projects

25+

Test accelerators

22

Global delivery centres

## We are driving next generation testing needs...



### Digital & Data Assurance

- E2E Testing for Digital Transformation Programs
- **Intelligent Digital & Data test solutions to enable accelerated & scalable digital transformation**



### Hybridization of Testing

- **Increase focus on Quality**,  
- Improve enterprise-wide quality ownership & synergy of scale through hybrid testing model with efficient re-centralization



### Intelligent Assurance

- Quality Transformation with AI/ML: **QA -> QE-> QI**
- Inculcating **continuous automation & engineering** into testing



### Cloud Assurance

- **360° testing** of core applications and infrastructure for lift & shift, product upgrade, cloud native and legacy modernization initiatives to Cloud



### Hyper Automation

- Advanced automation focused on **UX, End User Satisfaction**
- **Always On, Always Learning automation** leveraging AI/ML



### Product & Platform Testing

- **QE for Connected Devices** (IOT Gadgets/ VR etc.) ensuring **scalability, flexibility, security & tangibility**

## Specialized testing services



**Intelligent Automation**



**Digital & Mobility**



**Performance Engineering**



**Data & Analytics Testing**



**Enterprise Applications Testing**



**Product Engineering**

## MECAP (Mindtree Enterprise Cognitive Assurance Platform)

Next-Gen QE/QI platform with integrated set of tools, prebuilt assets to jumpstart the test process

Enabling early performance testing within Sprints and CI/CD pipeline

Test data management - Rapid data comparison & automated test data generation

Comprehensive end user experience testing

Comprehensive unified automation for Digital QE - web mobile API, microservices, salesforce, service now

Continuous Performance Engine (CPE)

UxPulse / mobiWatch

Release orchestration - Tool-agnostic pipeline services for continuous delivery

Digital Test Automation (DAF)



Data Intelligence Automation (DIA)



Global Test Infrastructure Framework

AI/ML-based intelligent automation, self-healing, production insights & test optimization with impact analysis

Intelligent Assurance



MECAP

QwikEye

Real-time feedback at every level of pipeline with cognitive predictive analytics, enabling QA governance

**Each accelerator can be implemented independently or collectively through the orchestration platform (MECAP)**

## Success stories

### World's Largest Technology Company

#### Longstanding Relationship

Providing testing services for products, app-compatibility, web testing and go-to market partner for Azure

#### Benefits

30% reduced regression cycle time, 20% reduction setup and execution time per user/per test, 100% schedule adherence

### American Multinational Hotel chain

#### Digital & Data Modernization

End-to-end Digital & Data Assurance and NFT for legacy modernization program to AWS with micro services

#### Benefits

AI report portal, zero production defects, virtualized 100+ API end points, 50% savings in manual execution time

### Dutch Health Technology Company

#### Large TCoE managed services / product IT model

Managed services with 450+ associates enabling QE/QI transformation across digital, ERP and non-functional areas

#### Benefits

>50% reduction in test cycle time, >60% insprint automation with BDD, >98% DRE and zero defect leakage to UAT and production

### Largest Home Improvement Retailer in the US

#### Performance Engineering

Holiday readiness solution 99.9% availability of the site during the holiday season with zero performance defects with YoY 20% growth in traffic

#### Benefits

Assured high availability with zero downtime during holiday season consecutively for five years

### Fortune 200 American Holding Company

#### Hyper Automation

Hyper Automation (Self-healing scripts, Continuous Testing etc.) enabled >95% automation coverage of QA-Ops pipeline

#### Benefits

90% insprint automation > 25% increase in velocity across pods, with zero defect slippage, saved 40% effort due to self healing feature

### Dutch Manufacturer of Navigation Systems

#### Product Testing

Centralized Testing Services for Navigation systems using IoT and multiple connected devices on cloud

#### Benefits

> 99% defect removal efficiency. Implemented CI/CD & BDD with 30% reduction in cycle time. > 60% regression coverage, > 85% automation coverage

### A Major Airline in the US

#### Advisor-led Transformation

Strategic advisory partners enabling a complete transformation of the QE operating model aligned to DevSecOps

#### Benefits

54000 hours of effort per year saved due to automation using total quality platform, to bring automation in each phase of SDLC

### Swedish Medical Device Company

#### Cloud Assurance

SAP to Azure cloud migration testing for a leading provider of wound care & single use surgical products with 70% reduction in test efforts

#### Benefits

70% effort reduction through test automation leveraging SolMan and CBTA

### Largest Sportswear Manufacturer in Europe

#### ERP / CRM Testing

Setting up testing CoE and providing independent test services for enterprise ERP and CRM application platforms

#### Benefits

50% effort reduction for multi country rollout using reusable test artifacts and automation

## Our Differentiators

Test Academy for continuous learning and cross skilling our TES Minds – 4000+ have either Pi shaped/Comb Shaped skills

Recognized as a leader in testing by most Analyst Groups

Industry leading Chaos & Resilience testing capabilities

Over 50% of our customers are longstanding with > 10 years of relationship

Automation first approach with specialization across ATDD, TDD, BDD

Partnership with leading tool vendors

How to reach us – [tes.gtm@mindtree.com](mailto:tes.gtm@mindtree.com)

## About Mindtree

Mindtree [NSE: MINDTREE] is a global technology consulting and services company that enables enterprises across industries to drive superior competitive advantage, customer experiences and business outcomes by harnessing digital and cloud technologies. A digital transformation partner to approximately 275 of the world's most pioneering enterprises, Mindtree brings extensive domain, technology and consulting expertise to help reimagine business models, accelerate innovation and maximize growth. As a socially and environmentally responsible business, Mindtree is focused on growth as well as sustainability in building long-term stakeholder value. Powered by more than 37,400 talented and entrepreneurial professionals across 24 countries, Mindtree — a Larsen & Toubro Group company — is consistently recognized among the best places to work.