




**Tech
Mahindra**

PERFORMANCE ENGINEERING

End-to-End insight into all aspects of system
and application Performance

Connected World.
Connected Solutions.



Focus is not just on finding the performance defects;
it is towards improved Performance aspects across SDLC

About Performance Engineering

Performance Engineering is a dedicated horizontal business unit with over 7500+ Person Years of experience. The unit meets customers' Non-Functional (NF) testing needs, such as response time SLAs, scalability, availability, reliability etc. Practice comprises over 1200+ multi-skilled, experts with diverse backgrounds ranging from performance testers, performance monitoring, performance consultants, NF testers, analysts, developers, application support, database administrators and COTS experts.

Consultancy

Setup NF Test COE/ factory

- IoT Platform Performance Assurance
- E2E Non Functional Assurance Framework
- Early Performance Assurance Framework
- Performance Stub Framework

Design & Development

- NF Assessment & Strategy
- Performance Profiling
- Information Life Cycle Management
 - Data Archiving
 - Data Masking & Restoration
 - Test Data Management

E2E NON FUNCTIONAL ASSURANCE

Post Production

APM – Application Program Monitoring

- Consultancy & Tool Migration
- Production Monitoring & Capacity Management
- Customer Experience Monitoring
- iPerform Framework
- Volumetric Analysis & Capacity Management

Testing

Performance & Testing

- Load Stress & Endurance
- Mobile Application PT
- Enterprise Performance Testing (DC Network & Application)
- Migration & Upgrade Testing (Application, Infrastructure, OS, Data)
- Resilience and Failover Testing

Thought Leadership

- Leadership in Cloud performance testing
- 40+ papers published in international conferences and publications
- Ability to involve & provide NF assurance from any phase of SDLC

TECHM OWN FRAMEWORKS

- NF Assessment & Strategy
- Early Performance Assurance
- E2E Non-Functional Test Assurance
- Performance Stub Framework
- iPerform APM

Business Model Benefits

- Strong alliances and partnerships with AWS, CA APM Suite, Compuware DynaTrace, HP Load Runner / PC, Neotys – Neoload.
- APEL - Application Performance Engineering Lab dedicated for fostering and nurturing new technologies, capabilities and co-innovation with partners and customers
- Expertise in Performance assurance across different verticals such as Telecom, BFSI, Health Care, Logistics etc. with a global delivery model and cross domain best practices

Key Differentiators

- Tech Mahindra's own frameworks that acts as the catalyst, identifies early, 360 degree assurance and cost effective
- Tailored recommendations towards incorporating industrial best practices, increased coverage in performance testing and other Non-functional testing aspects
- Focused performance testing methodologies on Mobile, Enterprise network, Cloud and Migration based technologies
- A dedicated team and focus on Information life cycle management to cater all performance aspects of production data and test data management

Success Stories

- \$15M saving as one time CAPEX & YOY OPEX saving with innovative E2E NF Test Assurance Approach
- "They have identified areas that will give quick wins. I can honestly say that as far as NFT is concerned TechM is our leading Test Partner."

– NFT COE Head, Major UK Tier 1 TSP





www.techmahindra.com

About Us:

Tech Mahindra represents the connected world, offering innovative and customer-centric information technology services and solutions, enabling Enterprises, Associates and the Society to Rise™. We are a USD 4.2 billion company with 107,200+ professionals across 90 countries, helping over 818 global customers including Fortune 500 companies. Our innovation platforms and reusable assets connect across a number of technologies to deliver tangible business value to our stakeholders. Tech Mahindra is also amongst the Fab 50 companies in Asia as per the Forbes 2016 List.

We are part of the USD 17.8 billion Mahindra Group that employs more than 200,000 people in over 100 countries. The Group operates in the key industries that drive economic growth, enjoying a leadership position in tractors, utility vehicles, after-market, information technology and vacation ownership.

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