



Tech
Mahindra



PERFORMANCE TESTING

Enabling high performance enterprise applications

Connected World.
Connected Solutions.



Focus is not just on finding the performance defects;
it is towards business assurance of your digital application

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.

Tech Mahindra's fully managed and tailored performance test solution using HP's industry leading performance testing tools - aligned to your organization's business. goals, and delivered against KPIs/SLAs

HP Load Runner

Generate real-life loads and test a broad range of applications, including the latest Web, Mobile technologies (Android/iOS), ERP/CRM applications, and many COTS systems.

HP Performance Center

Enterprise-class performance engineering software, designed to facilitate standardization, centralization, global collaboration, and management of a performance engineering CoE

HP Stormrunner Load

SaaS based performance testing solution to test web and mobile applications with on-demand, Pay as you go, Self-service administration, multi-tenant architecture

HP Network Virtualization

Enable virtualized real-world network conditions including bandwidth (WAN, web, mobile 2G/3G/4G and cloud networks), latency, jitter, and packet loss.

HP Mobile Center

Mobile application functionality and performance across real-world network conditions on real-devices

HP Site Scope

Agentless monitoring software to do the root cause analysis of availability and performance of distributed IT application stack

Thought Leadership

- Recent Awards for our Performance Testing Solutions:
 - Unicom India - Testing Awards 2015 - Emerging Technology in Testing of the year 2015
 - IT Europa Awards 2015 - "Data Center Solution of The Year" – Performance Optimization 2015
 - Testa - Green Testing Team of the Year 2014
 - Testa - Best Use of Technology 2014
- 40+ papers published in international conferences and publications
- Ability to involve & provide PT assurance across Dev-Test-Ops phases

Business Model Benefits

- Strong partnerships with HP and expertise on their performance testing tools to effectively address the modern digital performance needs of customers
- APEL - Application Performance Engineering Lab dedicated for fostering and nurturing new technologies, capabilities and co-innovation with HP and customers
- Expertise in performance test across different verticals such as Telecom, BFSI, Health Care, Logistics etc. with a global delivery model and cross domain best practices

Key Differentiators

- Specialized in application performance testing for holiday/peak season
- Focused performance testing methodologies on mobile, enterprise network, migration, API, IoT, cloud based technologies
- Cost-effective, transparent and application complexity based costing models
- Ability and agility to commission, deploy and optimally deliver on-demand realistic load generating capability from multiple devices, browsers, network bandwidths and geographies across the world
- Tailored recommendations towards incorporating industrial best practices, increased coverage in performance testing

Success Stories

- For an Amsterdam based global retail giant, continuous performance test evaluation at a program level helped to overcome issues like database dead lock, transaction delay due to high utilization of memory etc. and optimize resource utilization (up to 175%) resulting in improved end user experience resulting in zero performance defects during the entire holiday season
- Enabled Tier-1 US Telecom customer's point of sale applications (New Phone Launch) with 68% of local market share & improved end customer experience. It helped to deliver state-of-art high volume ad-hoc tests with 13000 virtual users generating 1200+ transactions / sec. This test execution was conducted on production servers with real time virtualization but with "zero" impact to existing online customers.



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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