



**WITH HCL'S PERFORMANCE TESTING SERVICES:**  
**ENSURE ENHANCED APPLICATION PERFORMANCE AND FASTER TIME TO MARKET**

**OVERVIEW**

Increasing use of mobile applications, adoption of the Cloud, virtualization of services, and consumption of big data have transformed the way IT solutions are delivered to businesses. Simply put, the technological landscape is undergoing a paradigm shift where testing and quality assurance bolster development initiatives.

Nowadays, improving IT efficiency is no longer the central part of a CTO's strategy. Rather, every IT strategy aims for leveraging cutting-edge technology to enhance the business's agility and overall performance. So, it becomes all the more important for IT managers and CTO's to strike a balance between the legacy and the new.

Because of these reasons, it is apt to utilize HCL's next-gen approach to testing. This methodology brings quality standards in the product and application ecosystem that is undergoing a digital disruption.

**HCL's Business Assurance and Testing Services (BATS) offer comprehensive performance testing and engineering services for OLTP, mobile, SOA, packaged implementations, data warehouses, infrastructure initiatives to ensure the system and applications are NFR compliant before they go live.**

**SERVICE OFFERING**

HCL's Non-Functional Testing services encompass a range of capabilities focused on the following three segments:

**Core Testing Services**

- Load, stress and endurance testing
- Performance benchmarking
- Batch schedule testing
- Web service performance testing
- Technology upgrades testing
- Resilience testing

**Performance Engineering Services**

- Proactive performance engineering
- Monitoring and diagnostics
- Continuous engineering
- User experience analysis
- Mobile performance engineering

**Strategic Consulting**

- Performance test maturity assessment
- Non-Functional risk assessment
- Performance test CoE setup

**SOLUTION APPROACH AND MODELS**

HCL's testing solution approach centers on:

- Proactive performance
- Continuous engineering
- Automated execution
- End-user experience

Our engagement models include Unit Pricing, FP, T&M, and a mobile performance lab on hire.

**TESTING TOOLS**

HCL has expertise in working with the following testing tools:

**Load Testing Tools**

- HP Performance Center, Load Runner, Neotys NeoLoad, JMeter, VSTS, and RPT

**App Performance Management Tools**

- Dynatrace, CA Wily Introscope, and AppDynamics

**Profilers and Analyzers**

- IBM Support Assistant, IBM Heap Analyzer, Eclipse MAT, JProfiler, and Yourkit

**Sniffers and Proxy Tools**

- Fiddler, Wireshark, and Charles Proxy

**Mobile Device Profilers**

- iOS Instruments and Android DDMS

**RUM Tools**

- SOASTA and Gomez

## OUR SUCCESS STORIES

### 1 Test Center of Excellence



**Client : Large bank in the UK**

**Services offered**

- Proactive performance engineering
- Resilience testing

**Benefits**

- Reusability lets 29% cost saving
  - Service virtualization helps GBP 15K savings
  - 44 pre-production NFT defects with 0% production leakage
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### 3 Mobility Performance



**Client : Top food distributor in the US**

**Services offered**

- Mobile performance engineering framework
- Mobile performance lab on hire

**Benefits**

- Primarily open-source-driven device and network analysis
  - +84% cost savings (USD 35K) due to HCL mobile lab on hire
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### 2 Transformation Journey



**Client :Asset management leader in the US**

**Services offered**

- Asset framework
- Performance maturity assessment framework

**Benefits**

- 36%–75% offshoring increased
  - Risk-free transition of +120 projects
  - Unit pricing model for cost predictability
  - 21 strategic and tactical transformation recommendations
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### 4 Data Center Consolidation



**Client : A leading bank in the Nordic region**

**Services offered**

- Resilience Testing
- OAT Lite

**Benefits**

- Tested +27 apps for every 10-week release
  - Saved NeoLoad CAPEX cost by reusing 100% of the existing scripts
  - Comprehensive failover test cycles
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### 5 Nonfunctional Risk Assessment framework



**Client :Reputed banking software provider**

**Services offered**

- Non functional risk assessment framework

**Benefits**

- 217 risks with 80 detailed risks identified
- Traceability of all risks to NF test types
- Capacity planning and NFT lab design



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**HCL**