

# Testing Services

## A complete range of testing services to minimize your testing budget

Changing market trends, disruptive technologies, increasing customer expectations, and cost necessitate organizations to seek third party testing. Since the organizations are focusing on reducing their IT budget, service providers have to adopt innovative approaches for providing best services with less cost. To withstand the competitive market, organizations are selecting providers who can offer the required services to enhance customer satisfaction and at the same time meet industry compliance guidelines. With our experience in testing services, we can add value to each phase of your project development that will enhance the quality of your application and reduce cost of ownership. We provide end to end testing services that are world class, industry-leading.

### HTC's Testing Centre of Excellence

HTC has more than two decades of experience in testing custom built business applications, packaged solutions, and commercial off-the-shelf products for portfolio of IT applications across various business verticals. HTC's Testing Centre of Excellence (CoE) supports the test professionals to deliver proven solutions that are defect-free, usable, reliable, safe, and secure.

HTC utilizes a test factory approach providing support for various test activities throughout the test life cycle of any project. Our approach leverages standard processes, frameworks, tools, and infrastructure, thereby aiding to manage risks efficiently and utilize resources effectively. HTC's Testing CoE include the below mentioned entities

### HTC's Testing Services

**Application Testing:** Our business driven testing methodology provides effective functional and non-functional testing and offers market release recommendations.

**Test Environment Services:** Our test environment

services include environment build, test environment management, and test data management.

**Test Consultation:** Our test consultation services range from test maturity assessment, test lab setup, test tool evaluations, and help clients adopt test automation.

#### Highlights:

- Process-driven test environment and governance model
- Strong test management experience
- Lean Left Approach - TDD2 and early performance testing that ensure reliability and high quality of service
- Alignment with industry trends and regulatory compliance
- Framework and tools to improve time to market and increase overall quality
- Focus on three dimensions of project delivery: Cost, Deliverables, and Milestones

**Performance Testing:** Our performance testing services include verifying data completeness, validating data transformation, checking data quality (that includes data type mismatches, rounding, truncation, boundary conditions, data accuracy, data currency, data refreshes, and data security).

**Mobility Testing:** Our mobile testing includes functional testing, usability testing, security testing, stress testing, reliability testing, performance testing, compatibility

testing (for Android, iOS, and Windows), interoperability testing, automation testing, and data exchange and synchronization testing.

**End-to-end Testing:** Our end-to-end testing services include test planning, test infrastructure setup, data management, test execution, build and release management, and market release recommendations that meet client timelines.



## HTC's Alignment to the Market

Supported by the Testing CoE, HTC's testing services are aligned with the trends in the market. HTC extends its services with specialized testing to provide best-in-class testing services that are designed to reinforce our client's go-to-market ability.

### Data Warehouse Testing

HTC's Data Warehouse (DWH) Testing focuses on delivering a consistent and comprehensive solution using a business-driven approach. Our DWH Testing occurs in phases that are designed to validate data completeness, data transformation, data quality, and performance.

### Cloud Testing

HTC provides an end-to-end Cloud Testing solution that transforms the way testing is done and can help an organization boost its competitiveness by reducing the cost of testing without negatively impacting mission-critical production applications.

### Master Data Management Testing

HTC's Master Data Management (MDM) Testing provides a comprehensive and end-to-end testing services that validates data migration, data cleansing, data standardization, and data consolidation. Tailored for real time results, our MDM Testing adds value to our clients by reducing operational cost.

## Testing Framework

HTC has developed its own frameworks for test automation processes and for measuring the application performance. The following are the highlights of our test frameworks:

**Test Automation Framework:** Automates the test environment. It is designed to replicate the folder structure of the test cases in Test Case Management (TCM) tool.

**RoboTest Framework:** HTC's proprietary Native Apps Testing Framework provides a complete automated solution for testing mobile applications for multiple platforms.

**Application Profiler Tool:** Helps to measure the performance of an application or a module at all phases of a project without impacting performance of the application.

### About HTC:

- Extensive experience in providing cost effective and innovative IT and Business Process Services and Solutions across domains for global customers since 1990
- Quality and information security processes compliant to SEI CMM Level 5, ISO 9001, ISO 27001, and PCI DSS standards
- Global presence, large delivery centers, talented professionals, capabilities across multiple technologies, platforms, and domains



### HTC Global Services

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