

Additionally, with offices in Japan and now in the USA, Hundsun can provide local support as needed to satisfy our client's needs including general support, business needs analysis, and test plan development and execution.

For more information and an opportunity to further discuss your needs and the Hundsun differences from other service providers please contact us.



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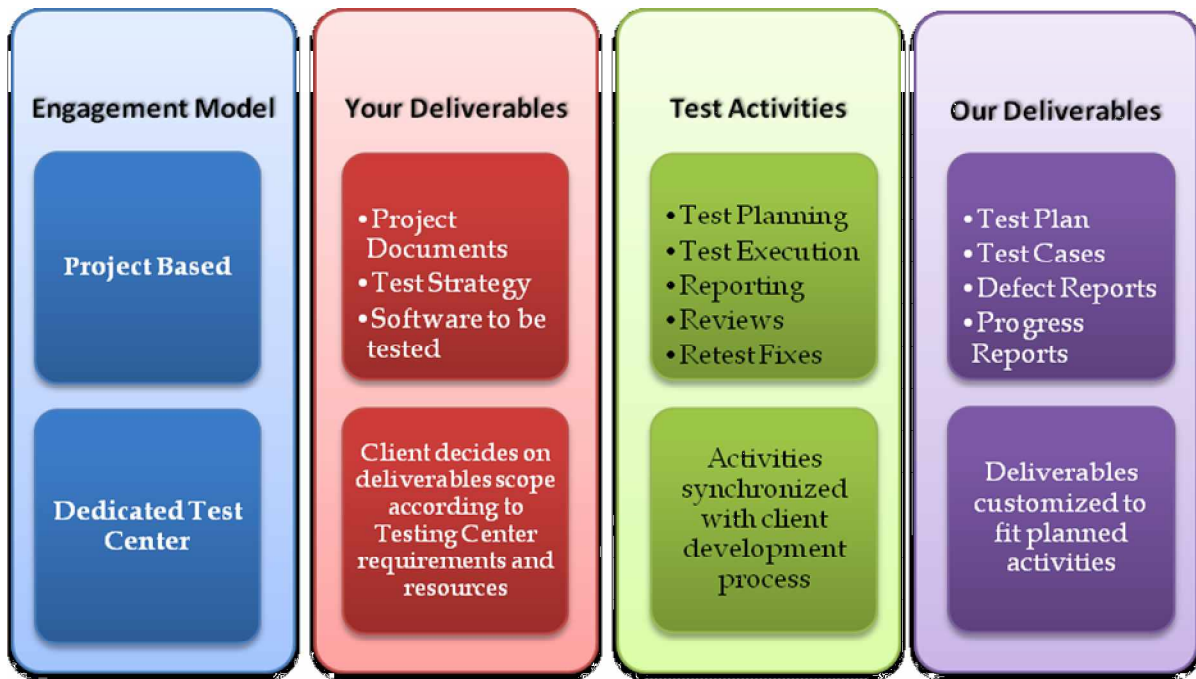


Figure 3. **Deliverables and Test Activities.** This chart shows deliverables for clients and Hundsun testing team and testing activities with different engagement model.

## Infrastructure

Hundsun's central development center in Hangzhou, China demonstrates our commitment to invest in infrastructure. Our safety and IP security systems, as well as advanced communications infrastructure, ensure reliable client connectivity and 100% data security. Our network infrastructure, access controls, data security policies and disaster recovery/back-up policies comply with our Information Security Management, and in general are as stringent as most of our client's IT operations.

Our Local Area Network is connected through switches and firewalls with multiple VLAN configurations which can be configured to setup a completely separate client-specific network segments within our existing facility. We can also provide physically secure space, workstations with no removable media, and configure firewall-to-firewall isolated networks to meet client's security needs. In addition, clients have the option to address their security concerns by maintaining Source Code, Test cases, and defect tracking repositories on their own networks, access remotely by Hundsun staff.

We offer the entire spectrum of testing methodologies such as Functional testing, Systems testing, Performance testing in domain areas which we specialize in vertical markets such as Financial Services, Telecom, Healthcare, E-Business and more.

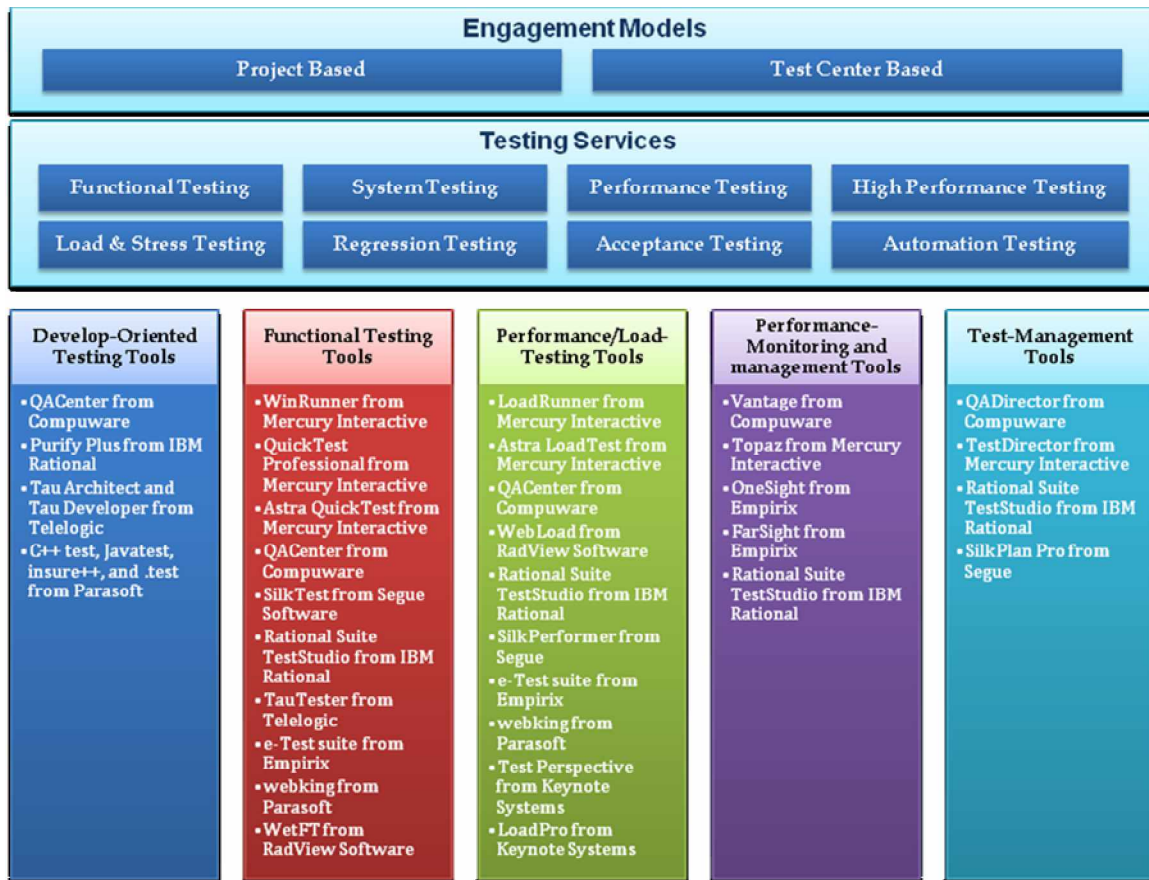


Figure 2. **Hundsun Testing Services.** This chart shows what kind of service type we provide and what kind of tools we are experienced.

Hundsun provides clients with flexible ways to obtain just what they need for their projects. Typically, we find our clients in need of either Project Based services, or for larger more complex and longer life cycle commitments, thorough use of our Dedicated Test Centers.

The Dedicated Centers offer our clients additional flexibility and options to customize to meet specific requirements. We also offer our client the option to take full advantage of the Hundsun portfolio of software development service offerings for an even greater return on their development and test investments.

We offer comprehensive testing services needed for software solutions, portals and products. Our testing service centers in China and the United States span the entire software release lifecycle. This includes formulating the test plan and test cases, execution, defect reporting, defect analysis, risk assessments and recommendations.

Experience has shown that an experienced project manager is a critical part of the overall solution, who is assigned to participate and coordinate all aspects of the testing for the project.

We develop test suites and the tests carried out ensure Functionality, Usability, Performance, Scalability, Integration, Installation, Compatibility, Security and User Acceptance.

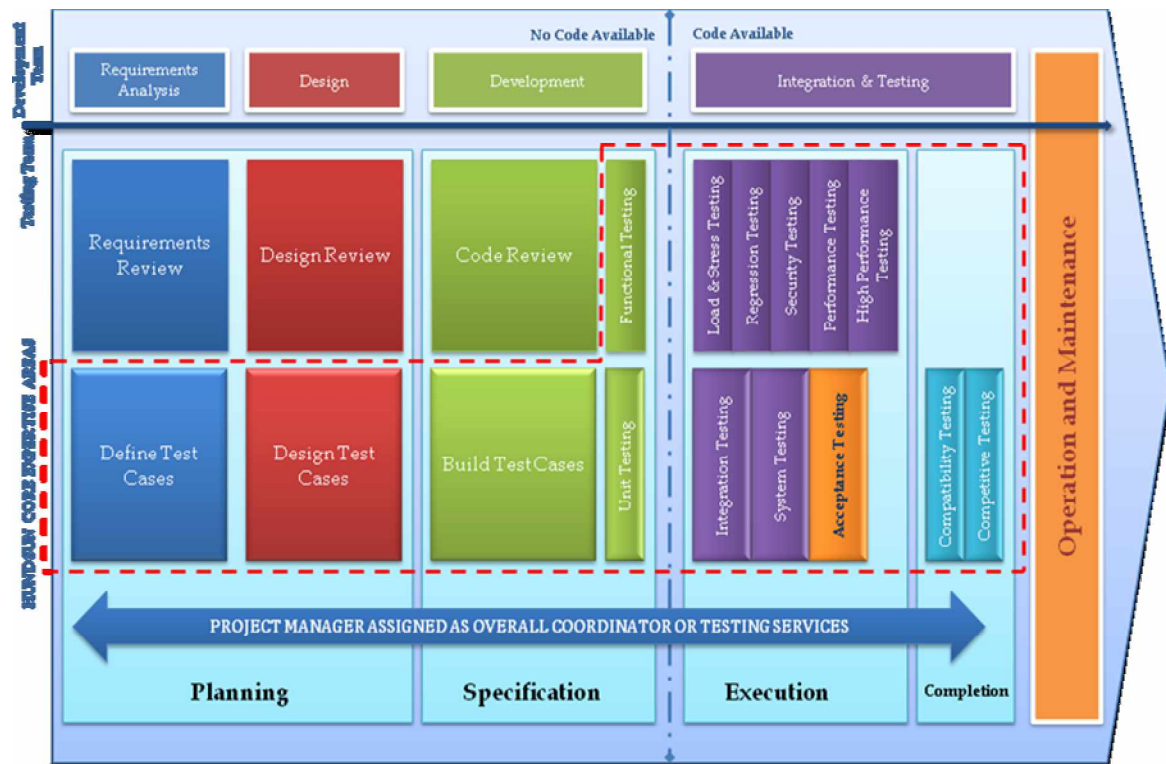


Figure 1. **Hundsun Core Expertise Areas (highlighted area boundaries)**. This chart shows how the Hundsun Testing Services works during the whole project development life cycle and what kind of services we provide.

By collaborating with Hundsun, you can leverage our experience in testing business applications on a range of platforms and technologies like C++, .Net, J2EE, Business Objects and our accumulated experience with Chordiant development and testing to name a few.



Outsourced Software Testing Services offer our clients ways to:

- ✓ Reduce project costs
- ✓ Improve project timelines or time-to-market
- ✓ Reduce post deployment support costs
- ✓ Improve overall project/product ROI financials
- ✓ Improve internal key personnel asset utilization
- ✓ Increase end-user customer satisfaction
- ✓ Validation of internal technology or architectural approach
- ✓ Reduce business and project risks

## Expertise – The Hundsun Approach

### Testing Services

Generally, for a typical functional and performance test project, we start by gaining a thorough understanding of your application and testing requirements at the earliest stages. Next, our dedicated test team will develop functional and performance test scripts and workload models to both fully exercise the application and accurately mirror your application's working load. The team then performs a series of functional tests, iterating with the development organization, and measuring outcomes against predetermined acceptance criteria until a "clean" or releasable build is obtained.

Depending on the application, team size and time-line, performance testing may also occur in parallel, between functional test cycles, or on a separate schedule entirely. Performance testing is done to identify potential issues and determine the performance characteristics of the application. Upon completion of testing we submit a comprehensive report of our findings and recommendations.



### Testing Automation Services

Our Test Automation Services ensure that the software quality is enhanced, while reducing both the time-to-market and cost of testing. Services include establishing automation architecture, scripting, and test execution/regression testing and script maintenance. We can help you take advantage of the latest test automation tools. Hundsun's test engineers have extensive expertise using most of the leading test tools as described below.



"We included a team from Hundsun on a major project to move our core lending systems to a service-oriented architecture and have been very happy with their work. We will continue to use them in the future."

*Senior Development  
Manager,  
U.S. Consumer Credit  
Corporation*

Effective testing is critical to successful deployment of software products. Hundsun provides an integrated approach employing a proven test process and an automated framework and tools. Our test center is staffed with highly skilled professional test engineers. Our clients are supported in China, Japan, and the United States.

## Introduction

As an experienced developer of high performance secure transaction processing systems for some of the largest clients in China, Hundsun understands the critical importance of implementing and managing rigorous software testing as a part of the software development life cycle.

While outsourcing addresses the needs for staffing to keep projects on track, Hundsun as a software testing services provider has developed solutions that are responsive, scalable, flexible and add value to the client's own development cycle.

Hundsun has both offshore and onshore experience partnering with clients to create testing and assurance plans, staffing and implementing the precise resources to meet demands, and provides an experienced front-end project manager to oversee implementation and manage the importance of maintaining the highest level of communications with the program or project office.

## Value Proposition

At Hundsun, Software Testing is a valued expertise. Our independent Software Test Center consists of expert software test engineers who follow an established testing process and utilize best-in-breed testing tools and methodologies.

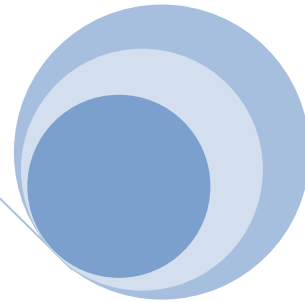
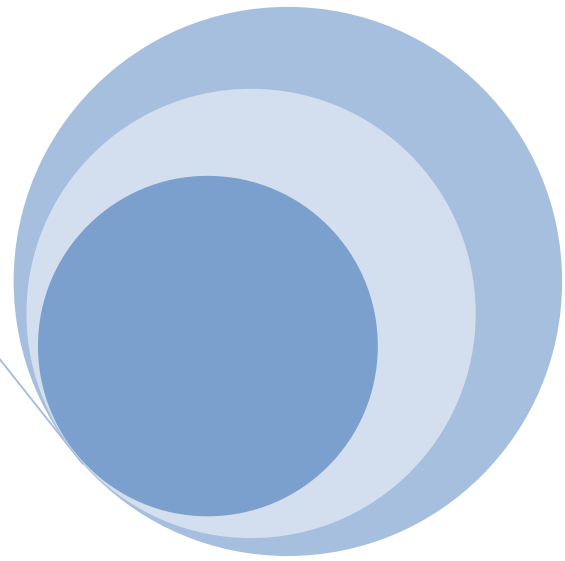
Because we understand the importance of communication, our team is individually chosen not just for their software testing knowledge and expertise but also for their communication skills and English proficiency.

At Hundsun we recognize the importance of mature, repeatable processes in software testing and to the success of our clients' products. At Hundsun we have adopted the Software Engineering Institute's Capability Maturity Model and the Project Management Institute's Project Management Professional standard as the cornerstones of our software test process.

## Contents

<b>1</b>	<b>Introduction .....</b>	<b>3</b>
<b>2</b>	<b>Value Proposition .....</b>	<b>3</b>
<b>3</b>	<b>Expertise – The Hundsun Approach .....</b>	<b>4</b>
3.1	Testing Services .....	4
3.2	Testing Automation Services .....	4
<b>4</b>	<b>Infrastructure .....</b>	<b>7</b>

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Global Services



## Software Testing Services From Hundsun Global

January 2008

