testhouse

Keep your applications up and running...

Testhouse know how important keeping your systems running 24/7 is – it's why we test each application down to the smallest detail.

We have successfully managed testing programs for a large number of organisations across a wide range of industry verticals worldwide.

Testhouse

About Us

Testhouse is a global company specialising in Software Quality Assurance Consultancy and Training.

Headquartered in London, UK, Testhouse also operates throughout Europe, the Middle East, Asia Pacific and the USA..

We assist clients in optimising both their testing strategy and practice, increasing both the quality and cost effectiveness of their software investment.

We are also pleased to supply consultants with specific skill-sets to supplement our customer's in-house teams on a short or long-term basis.

Testhouse has focused purely on IT Risk Mitigation since February 2000 and have consequently developed industry best practice approaches to our customer's wide-ranging bespoke requirements.

Why Testhouse?

- Customer testimonials and detailed case studies demonstrate our **commitment** and experience.

- **Proactive** and consultative recommendations to address challenges created by requirement changes based on proven experience.

- **Flexible Engagement Model -** after consultation we will recommend the most efficient approach to address specific engagement requirements including on-site, offsite, offshore or a combination of all three.

- **Client Satisfaction –** Our aim is to be regarded as a long-term trusted extension of our customer's in-house capabilities

- **Domain Experience** – Our consultants have gained first-hand experience over almost twelve years across most major industry sectors

- **Successful** in satisfying long-term testing requirements.

Testing
Why it matters

Software testing is the process of determining whether a product meets client expectations or not. **How**, **when** and **how much** a product is tested are three vital questions we ask when determining how to fulfil these expectations.

- **How.** There are various methodologies (Agile, Test-Driven…) and techniques (black box, white box). The choice is determined by the product being tested and the organisation's structure.

- **How Much.** Testing 100% of an application is impractical - the extent to which testing is necessary is dictated by the availability of resources (time and budget).

- **When.** The later a defect is detected, the more costly addressing it becomes. Which is why testing should take place as early as possible in the development life-cycle of an application.

A high percentage of software development projects fail to recognise the **importance** of Testing, either by ignoring it completely, or by postponing or cancelling testing when delays occur in other phases of the software development lifecycle. This results in a high number defects, resulting in dissatisfied clients, economic loss and reputation risk.
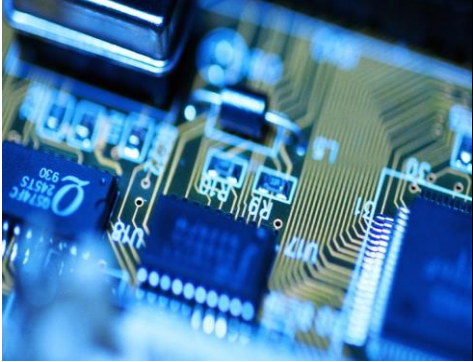
Testing: why is it important?

In a world where Information system dependence continues to grow exponentially, the appearance of minor defects can have a major impact on businesses.

Testhouse can advise on the optimum testing approach for any given application.

Functional Testing

Functional Testing is the most widespread testing service today; more than 70% of this is manual, despite the range of automated test tools in the market and their demonstrable benefits. For many companies, knowing what has and has not been tested continues to be one of the biggest unknowns.

Manual Functional Testing

Manual testing requires consultants to test and analyse applications following a specific methodology and without external tools. This activity is time intensive and requires patience, attention to detail and creativity, as well as knowledge of different testing techniques.

In this service, our consultants can either use test scenarios defined by the client, or create a bespoke testing strategy through the analysis of the functionality and requirements of the specific application or project.

Automated Functional Testing

This is commonly based on the conversion of manual testing scenarios to scripts, chunks of code which simulate the end users interaction with the graphic interface of the application being tested. The majority of tools used in automated functional testing allow expected and actual results to be compared, and, in the case of the two differing, an error code would be generated.
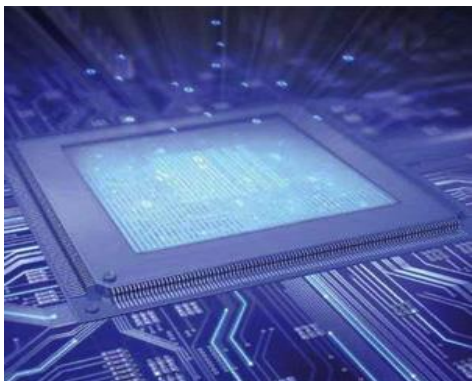
This method allows more code to be tested in less time, reducing costs associated with software testing and improving the quality of the application.

Mobile Testing

Mobile-device testing involves a set of activities from monitoring and troubleshooting mobile application, content and services on real or simulated handsets. Testing includes verification and validation of hardware devices and software applications.

Testhouse can help ensure your application is complete, exact and compatible by testing across multiple platforms. Our Test Lab contains a broad range of end-user environments (Mobile Devices), where we cover the most popular devices in a specific geography.

Compatibility Testing

There are various ways of distributing software to clients; CDs DVD's and the Internet are the most common. Product developers work in a testing environment where the use of drivers, plugins, codecs etc could successfully install the product correctly in the test machine, but not in others.

We have a Test Lab with hundreds of different software configurations (Windows / Mac / Linux, IE / Safari / Firefox) and hardware (Intel, AMD, G5, Sparc) where we can test software and identify and fix the problems before your clients highlight them to you!
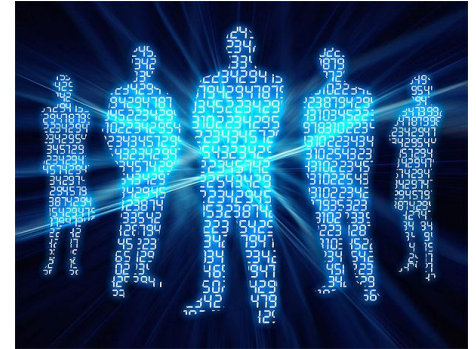
Non-Functional Testing and Training

Non-Functional Testing is a broad area covering the quality attributes of a system. At Testhouse we know which Non-Functional tests will best fit your requirements. At the same time, our Training services ensure our wide range of functional and non-functional testing knowledge can be tailored to your needs ensuring your team has a comprehensive understanding of the principles of testing.

Performance Testing

There are a number of reasons why you would test for Performance. Performance testing can demonstrate that systems meet performance criteria and can isolate which parts of the system and what load causes the system to perform incorrectly.
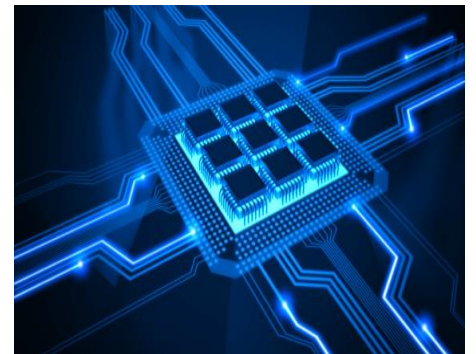
Our consultants will identify the best strategy to take your system to load levels similar to those in production (load testing), or overload your system (stress testing) with the objective of identifying the scalability and recoverability through the automation of business processes.

Operational Readiness Testing

Applications must be ready to be accessed by users in a fast and efficient way, no matter how complex or rapidly changing the environment is. Operational Readiness Testing minimises the risk of negative impacts - including loss of back-up, live data or connectivity - in the deployment of new systems

Our operational readiness testing includes setting tools which verify that the environment is working with the application as expected and that its availability lies within a previously established range.

Security Testing

The process of identifying whether a system protects your data while maintaining functionality is known as security testing.

We ensure that at least 6 of the basic concepts of testing are covered; confidentiality, integrity, authentication, authorisation, availability and non-repudiation. We can provide a comprehensive package of security tests identifying areas of vulnerability within systems, networks and security procedures, using both commercially available tools as well as our own to ensure testing covers as much ground as possible.

Training

Putting new techniques and solutions into practice to ensure that applications become more stable and efficient is a common goal for all companies. Having knowledgeable, highly trained staff is crucial if these changes are to be executed correctly.

Our Training plans adapt to your company's needs; we offer theoretical and/or practical courses in software QA, automation of functional and non-functional testing and security testing. Our courses go beyond content - they verify that learners assimilate information through practical exercises and labs which demonstrate real situations and environments.

Case Studies
Delivering Results

Performance Testing
The Client

A major multi-national IT Consultancy encourages its clients to incorporate performance testing to minimise Business risk of the B2C website.

The Project

The requirement was to provide Performance Testing skills to a Travel Operator sponsoring a web-based railway ticket reservation. The Project was close to the "go-live" date and had a required concurrency of 750 users plus. They needed an independent review.

Our Contribution

We were able to deploy a Performance Testing team at short notice. Effective remedies were put in place increasing system throughput from 23 users to 750.

Functional Testing
The Client

A major supplier of test tools asked us to recommend independent consultants who specialised in using test tools to increase efficiency.

The Project

The client required consultants with vast testing experience who were also Chordiant and Siebel test tool experts. Testing personnel are usually required at very short notice, often to work in locations as far away as Bristol or Edinburgh.

Our Contribution

Testhouse was able to provide Test Automation specialists with expertise in LoadRunner and Chordiant at very short notice.

Offshore Testing Support
The Client

A global on-line retailer with servers in the UK and US serving applications in more than 30 locations required a large amount of regression tests.

The Project

The client required additional testing bandwidth to meet their functional testing needs. Testhouse provided them with a dedicated, managed offshore testing team to support their functional testing needs.

Our Contribution

Testhouse provided a team of experienced offshore testers at short notice. To minimise risk, a project test lead was brought on-site to their UK office, working alongside their internal test team.

Clients and Partners

Testhouse has worked with clients from all sectors including banking, communications and government institutions, including:

- Barclays Bank
- Easyjet
- Dealogic
- TFL
- Nice Agency
- Serco
- UKHO
- Jardine Lloyd Thompson
- Saffron Building Society
- Premier Farnell
- DMO UK
- KPMG
- BMI
- Emirates Bank
- Emirates Airlines
- Creditsafe
- Zurich Financial Services

Testhouse partnership agreements are designed to strengthen both our services as well as those of our Testing Tool Partners:

- HP
- Microsoft
- IBM

Testimonials
From our clients and partners

❝ HP Software has worked very closely with Testhouse over a number of years. As an HP Accredited Partner they have not only invested in the resources and skills necessary to add real value to their customers but their proactive approach has greatly helped to drive business development within their base. The result being year on year growth and over-achievement of targets set by HP

Testhouse has the necessary skills in HP Software to provide their customers with a first class service and HP is always happy to recommend Testhouse to their customer base. ❞

Mike von Speyr,
Partner Account Manager, HP Software UK&I

❝ We have had some great feedback from our customers regarding the levels of expertise and professionalism that Testhouse have provided them with during their engagements. As a result of this we are making some of these joint success stories formal case studies for both Microsoft and Testhouse.

Having a partner that is as professional, proactive and customer focussed as Testhouse makes them a pleasure to work with as we know that our customers are in safe hands. Microsoft has and will continue to use and recommend Testhouse as a partner. ❞

David Bowen
Development tools Business Manager, Microsoft Ltd.

❝ As an organisation we find them to be highly professional, trustworthy and flexible. Testhouse has continually offered competitive pricing and their delivery has consistently been to quality, within budget and on time. We value them as a supplier of testing services. ❞

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