testhouse
Improving Software Quality

Microsoft
Partner | Gold DevOps
Silver Cloud Platform
Microsoft

Azure4DevOps
The leading DevOps Capability from the Cloud

As a Gold Microsoft DevOps and Silver Cloud Partner, Testhouse's advanced DevOps and Testing expertise can ensure you optimise your DevOps platform when moving to Azure.

One of the top priorities of business leaders is the delivery of business software applications faster, better and at lower cost to support their clients' needs, business priorities and company branding. However, 42% of these leaders believe they do not have the internal IT capabilities to do so.*

Testhouse is a Gold DevOps and Silver Cloud Platform Partner and we assist clients who are committed to delivering the most effective and responsive DevOps platform for developing and deploying leading applications in the most cost effective way.

Microsoft DevOps Specialism

Many IT Organisations typically have on premise Team Foundation Server (TFS) installed for managing their development processes but do not take full advantage of its capabilities. By implementing an Azure based DevOps approach, you can optimise your delivery pipeline with more frequent build and deployments and automation to increase the amount of testing of your project. By moving into Visual Studio Mobile Centre and Team Services (VSTS) the additional benefits are:

- Simplified server management

- Immediate access to the latest and greatest features

- Improved connectivity with remote sites

- A transition from capital expenditures (servers and the like) to operational expenditures (subscriptions)

VSTS Set-up and Customisation

All customers are different and there is no 'one size fits all' approach to DevOps. Although you should be careful to not over-customise VSTS you need it to align with your processes and also get the most from your investment in terms of process support, automation and reporting.

Testhouse can help you define the optimal set-up of your VSTS instance and make sensible customisations to ensure that your DevOps processes are streamlined. We will also help ensure that you make the most of the rich functionality that VSTS provides and aid the seamless interaction with other Azure services to help you achieve best practice DevOps in the cloud.

* "Accelerating Business Transformation through IT Innovation" white paper by BPI Network, August 2015

Mitigate the Complexity of Migrating to the cloud

Along with years of experience of completing TFS upgrades to newer versions, Testhouse also has proven experience of moving clients from TFS on premise to VSTS. This is often a stepped upgrade as clients need to be on the latest version of TFS. It is also a good time to consider your TFS set-up and any customisations you might require to optimise your use of the platform. Testhouse can guide you through this process to help you achieve best practice DevOps using Microsoft tools.

Microsoft DTDPS Support

Check your Microsoft Software Assurance benefits to see if you can take advantage of Deployment Planning Service days that may have been accrued to the business. These days can be utilized to assess you maturity and then deploy a VSTS environment to best aid the IT organisation. This will enable the adoption of DevOps practices to accelerate the delivery of applications to the business in the most cost effective way.

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ALM & DevOps using Team Foundation Server (TFS) or VSTS

To effectively manage your projects at pace, you need tools to successfully deliver your project on time with the required level of quality. VSTS ensures that every aspect of your application lifecycle is managed and monitored by:

- Managing development projects

- Capturing requirements

- Storing source code

- Providing traceability and rich reporting

- Enabling Continuous Integration (CI) and Deployment (CD)

Release Management

Release and deployment is typically a manual process for most applications. This can be time consuming and also error prone meaning that frequent deployments, to fit in with your agile delivery and DevOps processes, can be restricted.
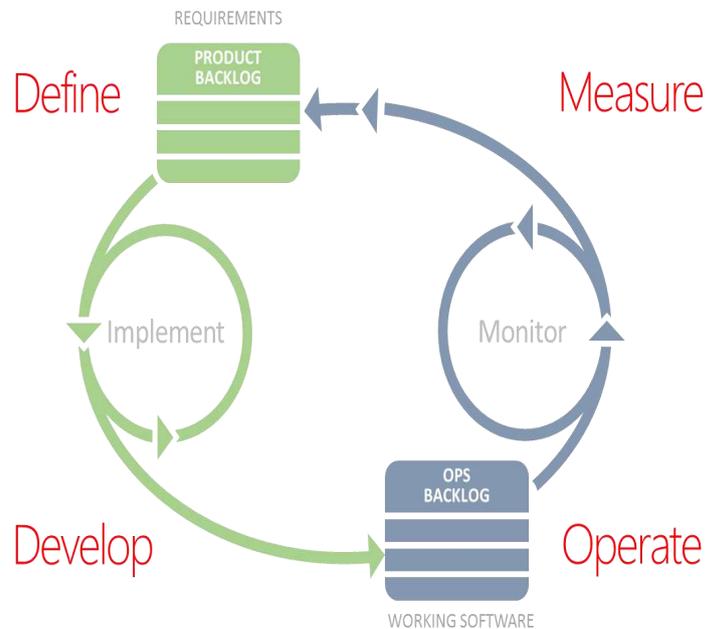
Testhouse have developed an automated release and deployment solution for it's clients using TFS/VSTS as the base technology. This can combined with our automated testing solutions to allow you to ship code to production more quickly with a greater degree of confidence.

Manual Testing & Test Management

Manual Testing requires significant resources to create and execute test cases, often several times during a project. Using Microsoft Test Manager (MTM) ensures that you can hit the ground running.
Combined with VSTS/TFS, MTM will give you the traceability you need across your team to manage requirements, tests and defects effectively.
Our specialist consultants can also help ensure that you get the most out of the software. Testhouse also offers comprehensive training in MTM and can help you implement it effectively within your business.
Combined with our ISTQB certified manual testers we use knowledge and expertise to offer independent and cost effective testing.

Performance Testing in the Cloud

Implementing new applications within your organisation is not to be undertaken lightly as increasingly many business critical systems need to be scalable. Whatever the size of your organisation, both employees and customers will expect a great user experience and system response and availability will be a key part of this.

Web & Load, part of Microsoft Visual Studio, provides the necessary support for the technology used in Visual Studio Mobile Center and comes with unlimited Virtual Users in order to test real world scenarios. Using our Web & Load plug-ins, your performance tests can be created quicker than ever and executed whenever required.

About Testhouse

Testhouse is a thought and market leader in Software Quality Management, Application Lifecycle Management (ALM) and DevOps providing on-site, on-shore and off-shore test services, either on-demand or outsourced, including consulting, software testing solutions and training globally, focussing on traditional IT, mobile, cloud and internet of things platforms. The expertise of Testhouse staff across four continents, our innovations and strong global partners ecosystem, which includes Microsoft, IBM and HP, provides the knowledge and solutions to fill the largest gap in the testing industry identified by business leaders: how to *accelerate software delivery at optimal quality in the most cost effective way to meet their business priorities and their clients' needs.*