

DevOps4Dynamics Cost Efficient Microsoft Dynamics 365 Testing and Deployment

5,000+ test scripts, automated test and deployment and advanced global expertise to optimise the implementation quality of your Dynamics 365 Solution in the most cost effective way.

One of the top priorities for business leaders is the delivery of business software applications that are faster, better and at a 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 Microsoft Dynamics Systems Integrator and a Gold Azure DevOps Partner who can assist clients committed to achieving the highest level of Dynamics software implementation quality in the most cost effective way.

Take advantage of our comprehensive test script library, expertise and the Microsoft Azure DevOps tools suite to help improve your businesses ROI from your Microsoft Dynamics 365 investments by improving DevOps processes, shortening time to market, eliminating testing complexity and mitigating risks.

Microsoft Azure DevOps Specialism

Often Dynamics users have access to Visual Studio Team Services (VSTS) or Azure Team Services but do not take full advantage of its capabilities. By implementing a DevOps approach, you can optimise your delivery pipeline and enable more frequent builds, deployments and testing to increase velocity. Using VSTS will also:

- Simplify server management
- Give immediate access to the latest features
- Improve collaboration across your team
- Transition from capital expenditure (servers and the like) to operational expenditure (subscriptions)

Manual Testing & Test Management

5,000+ manual test scripts have been developed specifically for Microsoft Dynamics 365. Combined with our ISTQB certified manual testers we use knowledge and expertise to offer independent and cost effective testing.

Microsoft DTDPS Support

Check your Microsoft [Software Assurance](#) benefits to see if you can take advantage of Deployment Planning Service days that your business may have accrued. These days can be utilised to assess your maturity and then deploy a VSTS environment to best support your 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.

Experience with the Complexity of Testing Migration & Integration

Testing complexity increases drastically when migrating from an existing CRM/ERP solution or integrating it with business critical applications. Testhouse has experience of testing the migration of 10,000+ users to Dynamics and testing Dynamics 365 integration with complex solutions such as SAP.

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

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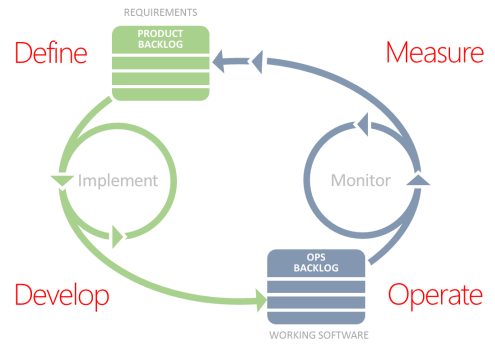
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DevOps using TFS, VSTS or Azure Team Services

To manage your Dynamics project, you not only need a validated methodology such as Sure Step, you also need tools to successfully deliver your project on time with the required level of quality. VSTS or Azure Team Services 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 and Deployment

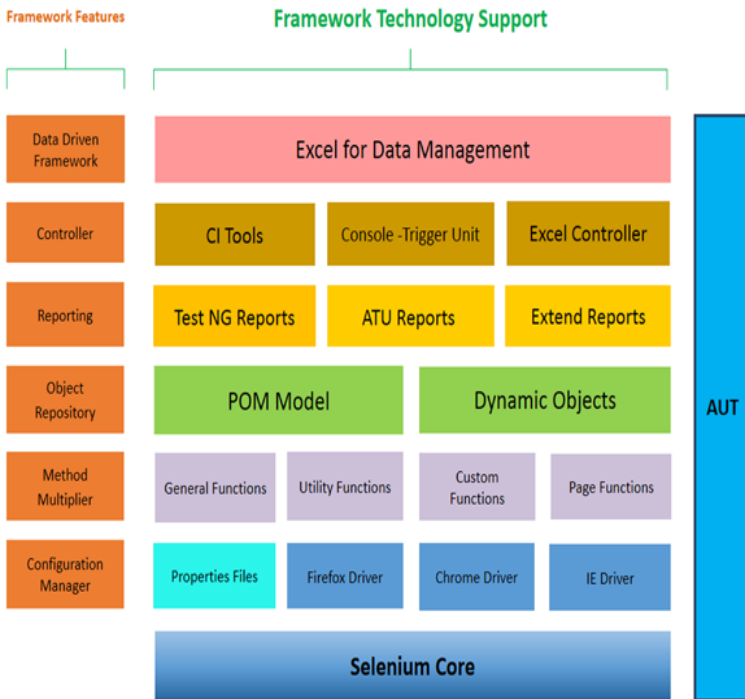


Selenium Framework

Selenium is now being recommended by Microsoft for automation of web applications and now integrates seamlessly with TFS. Selenium is commonly used in the market but automated test scripts can be very expensive and difficult to maintain for testers and subject matter experts (SMEs). To solve the lack of test tools coverage or Dynamics, Testhouse has developed the most advanced Dynamics automation framework built on Selenium, allowing test scripts to be easily created, maintained and updated. A well integrated framework accelerates test script production ensuring less maintenance and requiring less advanced test automation skills.

Take advantage of the Selenium Framework to:

- Provide technology support for complex areas of MS Dynamics 365
- Supported by Testhouse, write automation test scripts simpler and quicker than with Selenium alone
- Quickly identify regression test failures through comprehensive reports
- Promote reusability and ease of maintenance
- Enforce good practice



Release Management

Release and deployment is typically a manual process for Dynamics 365. 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 Dynamics 365 using TFS/VSTS as the base technology. This can be combined with our automated testing solutions to allow you to ship code to production more quickly with a greater degree of confidence.

About Testhouse

Testhouse was formed in 2000 and is a global thought and market leader in Software Quality Management, Testing and DevOps. We provide onsite, onshore and offshore services, either on-demand or outsourced, including consulting, managed services and training, focussing on traditional IT, mobile, cloud and Internet of Things platforms. Building on the foundation of our Microsoft Dynamics System Integrator and Gold Azure DevOps Partner status, we have built a strong competitive offering in DevOps and testing for Microsoft Dynamics 365 that enables clients to de-risk their Dynamics 365 implementation, migration and integration efforts in the most cost effective way.

Performance Testing using Web & Load

Implementing Dynamics within your organisation is not to be undertaken lightly as CRM and ERP are core business critical systems. Whatever the size of your organisation, the majority of employees will need to interact with Dynamics, so good performance will be essential to ensure your users can work efficiently. Web & Load, part of Microsoft Visual Studio, provides the necessary support for the technology used by Dynamics 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.