

Microsoft Visual Studio Automated

Testing Quick Start (10 Days)

From Strategy to Solution – Driving Results



Founded in the spirit of innovation and leadership, Imaginet has been committed to helping organizations deliver outstanding business value through the use of technology since 1997. We have a proven track record with over 650 successful ALM customers and reputation for delivering results.

Imaginet is Microsoft's 2011 ALM Partner of the Year and a Microsoft Gold Certified Partner with ALM Competency. We have the highest level of expertise with Microsoft technologies and a close working relationship with Microsoft. We also have multiple Microsoft Regional Directors, TFS Rangers, Virtual Technical Specialists, and many Microsoft MVPs on staff. This unique relationship allows us to continually deliver solutions that not only meet today's requirements but are also positioned for the future.



2011 PARTNER OF THE YEAR
Application Lifecycle Management
Winner

Microsoft Partner

- Gold Application Lifecycle Management
- Gold Collaboration and Content
- Gold Data Platform



1-800-989-6022



info@imaginet.com



www.imaginet.com

Microsoft Visual Studio provides new tools to support automated testing at the user interface. Visual Studio can record tests run against various types of application user interfaces and can replay them at any time. These tests can have embedded validations, either simple or elaborate, to ensure the application is producing the correct results. These tests can be run automatically, without human interaction, to ensure applications are tested regularly.

Visual Studio's UI Test Automation is a great way to improve the quality of applications by having a repeatable set of tests available to ensure defects don't go unnoticed. Effective use of these tools can help your team improve quality and confidence of your software delivery by making testing faster, more reliable, and more efficient.

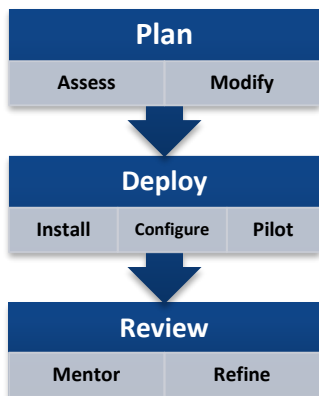
Imaginet's **10-day Microsoft Visual Studio Automated Testing Quick Start** is designed to help both large and small organizations understand which scenarios should be automated and how to approach automated testing. We focus not only on initial test development, but also mentoring on best practices for test selection, extension, data binding, maintenance, frameworks, community extensions such as the CUITe and the UI Map Toolbox, and other real-world scenarios.

The standard phases in this Quick Start are performed over a 10-day period, with the first day providing the planning phase and the last day providing the review. In all phases, your testing team is integrally involved in the process, with the Imaginet consultant providing coaching and mentoring throughout the entire engagement.

The Automated Testing Quick Start is designed to get your team up and running quickly with Microsoft's automated coded UI testing tools. You may choose to do more comprehensive adoption through additional Quick Starts or other consulting services.

Canada - USA - Worldwide

Imaginet Quick Starts are performed in three distinct phases: Plan, Deploy and Review. In the Microsoft Visual Studio Automated Testing Quick Start, this includes:



Plan – Assesses the current status and vision for test automation. We work with your developers and testers to understand opportunities and choose a pilot application to target within your organization.

Deploy – Develop initial coded UI tests for your pilot application. These tests are not only valuable to increase quality and reduce testing time, but also act as a way to coach your development and test teams in automated testing best practices.

Review – Once successful, we work with you to establish further departmental or organizational adoption of Automated Testing. This includes plans for your team to continue forward with the pilot deployment, but also provides context for UI testing as part of automated builds, with Lab Management, and in conjunction with manual testing with Microsoft Test Manager.

This phased approach has proven successful with a variety of organizations, from small development organizations to the largest multi-national corporations.

Pre-Engagement Kick-Off

Environment Considerations – Pilot Project Considerations – Project Detail Overview



The benefits of Imaginet’s Microsoft Visual Studio Automated Testing Quick Start include:

- **Experience.** Imaginet’s Visual Studio team have designed, deployed, and mentored organizations on the Visual Studio ALM tools and have real world experience with this tool.
- **Working TFS Environment.** Automated testing is not an island, but rather an integral part of your overall application lifecycle. We understand both the details of the tools but also the impact across your entire application lifecycle.
- **Integrated Best Practices.** Our consultant will ensure that best practices are tailored for your environment and integrate with organizational processes throughout the project.
- **Just In Time Education.** Learn the skills you need for your environment with no lag between the learning and the implementation of knowledge.
- **Customized Tailored Learning.** Our consultant can focus on those topics that are most relevant to your environment, team, and solution rather than broad coverage of topics that may not be relevant.
- **Flexible Engagement Models.** Imaginet is there to do the work, assist and guide, but your team is ensured that they get the hands-on experience required to be successful.