

Did You Know?

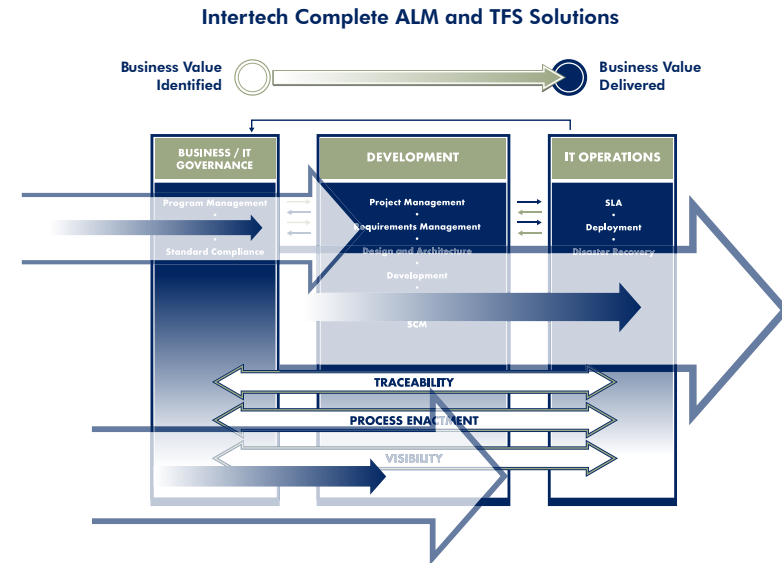
“Organizations are seeing ROI as high as 225% on infrastructure improvement projects.”¹

Did You Also Know?

“Using field-proven best practices—from installation to integration with other products—Intertech, a Microsoft Gold Certified Partner, has deployed and configured more VSTS/TFS installations than any other provider in the region.”²

¹ Microsoft

² Independent Evaluation of Minnesota Based TFS Solutions Providers



“From partnering with Microsoft on large-scale Team Foundation Server implementations to starting the country’s first Visual Studio Team System User Group, Intertech’s experience and rate of client success is unparalleled.”



Dan McGie — Intertech, Inc.



The Intertech Complete ALM/TFS Solution Includes:

- Step 1 Complete ALM Assessment** provides a snapshot of your development capabilities/maturity across the entire Application Life-Cycle.
- Step 2 Complete TFS Installation and Integration** gets you up and running using TFS, by leveraging best practices in version control, SharePoint team project sites, and real-time work-item tracking.
- Step 3 Complete TFS Build and Deploy** delivers reusable, automated build and deploys for your team using tested and proven extensions for TFS.

The Complete 3-Step Intertech ALM / TFS Solution

Step #1

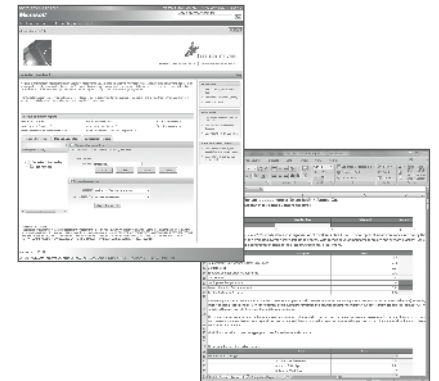
In this first step, Intertech works with your development team to identify best practices and pain points.

COMPLETE ALM AssessmentSM

With the Complete ALM Assessment, our seasoned experts deliver a thorough analysis through reflective—non-judgmental—insights into your process. The recommendations are practical and measurable. To start the analysis, your team takes an online assessment. Intertech follows the assessment with onsite interviews and analysis. Your team completes the process with an important assessment of how your organization compares to mature software organizations. The assessment breaks down analysis and recommendations by category. Finally, you are given a set of practical next steps. These are recommendations that will meet your objectives while focusing on your best return on investment—all without disabling your development process or immobilizing your team.

Deliverables:

- Day 0: Individual OnLine Assessments*
- Day 1: Intertech Review of Assessments*
- Day 3: Individual Interviews*
- Day 5: Intertech Review of Interviews and Preparation of Group Presentation*
- Day 10: Group Findings Presentation and Recommendations*



Using field-tested, proven online assessments and face-to-face interviews assessments, Intertech identifies SDLC strengths and areas for improvement.

Step #2

In this follow-on to the ALM Assessment, Intertech's Complete TFS Installation and Integration quickly mobilizes your group.

COMPLETE TFS Installation and Integrationsm

In the Complete TFS Installation and Integration offering, your team is trained on best practices for using and administering TFS—tremendously shortening the learning curve on this significant product. The software is configured to your environment using proven best practices. These also are documented and explained so they can be modified in the future. Intertech brings not only best practices, but a complete set of artifacts and templates. These include (but are not limited to) extended documentation for TFS, sample workflows, and built, tested, and proven code extensions. All together, these provide months of time savings. Artifacts and templates are completely customized to fit your environment—from your machine configuration to your development process. Your key staff are involved throughout the entire process. To ensure a successful hand-off, everyone on your team receives hands-on learning in your TFS environment.

Deliverables:

- Day 1: Using a predefined checklist customized to your environment, we assess hardware and start the install. This day-long assessment can be done in advance if you are purchasing new hardware.*
- Day 2: Install and document for sound install and disaster recovery plan, including rolling out client upgrades and important add-ons. The result is a step-by-step install document customized to your environment. This shows exactly what is needed to recreate servers for disaster recovery.*
- Day 3: Assess team project code import and site security strategy. Execute scripted import of code. Turn on v1.0 set of policies appropriate for environment and goals. Intertech brings deep experience writing complex scripts to define what is added to source control.*
- Day 4: Work with PMs, Development, and QA for workflow strategy. Install and document your customized v1.0 Process Template.*
- Day 5: Work with PMs to create and import project plans for team in a way conducive to effective, agile development that synchronizes with TFS work item tracking. Intertech's built, tested, and proven TFS extensions connect MS Project with TFS. Extensive training with the Project Managers is a part of this step.*
- Day 6-7: Customize training using in-house real-world tasks, code, and processes.*
- Day 8: Deliver training. This training is in your TFS environment. Training starts with an overview of TFS and your environment and finishes with hands-on learning in your environment.*
- Day 9: Deliver hands-on mentoring and training for real-world Work Item Tracking for PMs and development teams.*
- Day 10: Go Live. This launch includes bound code in TFS. With the Complete TFS Installation and Integration finished, your environment is optimized, integrated, and running. Your team is trained. Your administrators have step-by-step best practices customized to your environment for future TFS-related changes.*



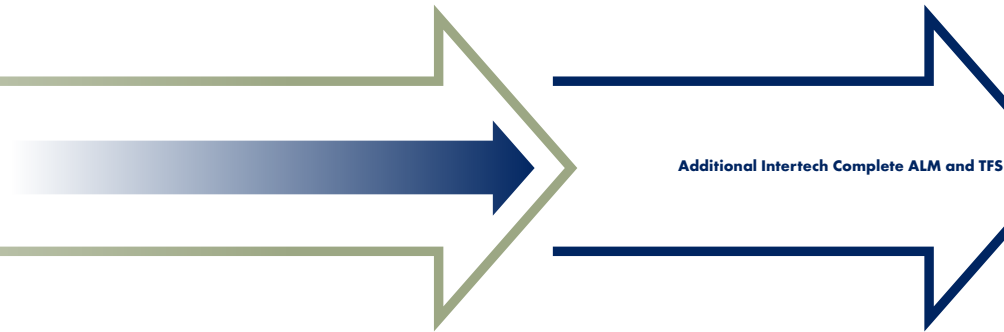
Intertech brings predefined hardware assessment checklists, import scripts, TFS extensions, templates, and proven TFS best-practices.

Step #3

Intertech's Complete TFS Build and Deploy solution brings built, tested, and proven code/scripts that extend TFS.

COMPLETE

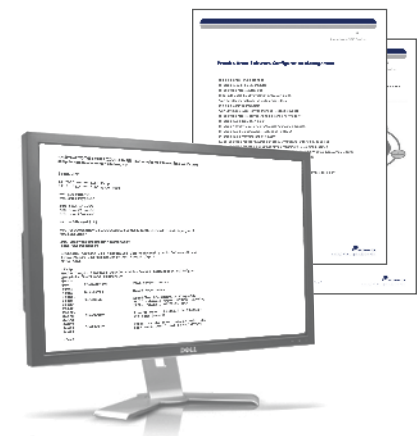
TFS Build and DeploySM



Through the Complete TFS Build and Deploy step, Intertech implements a template-based build and deploy of one or more of your existing applications. The template used is parameterized so similar application types (e.g. web, web service, windows service, even asp or java ant applications) can be deployed using this single template. Your key staff are involved throughout the whole process. Upon completion, your team receives hands-on learning in your TFS environment.

Deliverables:

- Day 1: Analyze existing build and deployment process. This includes both manual and automatic processes.
- Day 2: Create a build and deployment plan and policy.
- Day 3: Create build and deployment common template code for your environment.
- Day 4: Work with Build Manager to develop your builds for your Test and QA environments.
- Day 5: Work with Build Manager to develop your deployment scripts for your Test and QA environments.
- Day 6: Testing.
- Day 7: Testing, security, and documentation customized and configured to your needs and your environment.
- Day 8: Training using your TFS build and deploy environment. The class starts with an overview and finishes with participants engaging in hands-on learning.
- Day 9: Work with Build Manager to define and implement build and deploy configuration for production.
- Day 10: Final testing and review



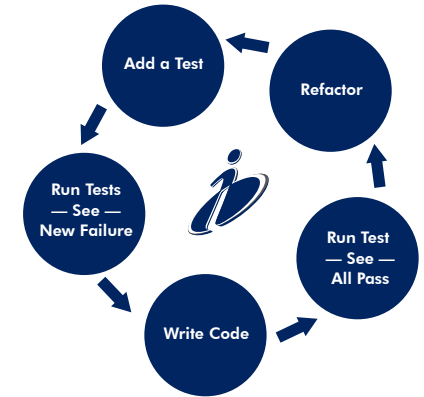
From parameterized builds to hands-on learning in your environment, Intertech delivers complete automated builds and deployments for Test, QA, and Production environments.

Add-On Services

Complete TDD Process Implementation

Based on a development process with short iterations, Test-Driven Development (TDD) is defined by creating test cases covering the desired functionality prior to writing the code. In TDD, developers are focused on creating testable code, defining clear tests that tie failure points to the problem, and providing thorough test coverage. TDD is a software development method—not a testing method.

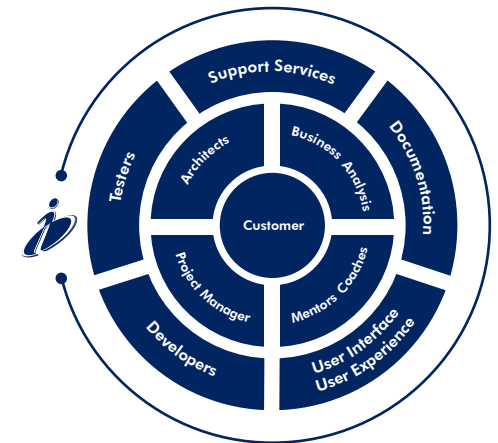
Intertech guides organizations through TDD process and standards, test framework implementation, and team training.



Complete Agile Process Implementation

Focused on frequent deliverables, evolving requirements, and high customer interaction, Agile uses working software as the key indicator of project health for the project sponsor. For the development team, Agile focuses on simplicity in construction, communication, and continuous process improvement.

Intertech works with organizations to improve their software development lifecycle through approaches found in XP, Scrum, and industry best practices. Intertech backs these processes with tool implementation that supports unit testing, customer testing, and continuous integration.



Complete Teamprise Integration

Teamprise® offers a suite of client applications for accessing Microsoft Visual Studio Team Foundation Server from outside the Visual Studio environment (IDE). Teamprise enables software development teams to use the source control, work item tracking, build, and reporting features of Team Foundation Server from other platforms, including Macintosh and UNIX systems, and from within Eclipse-based IDEs.

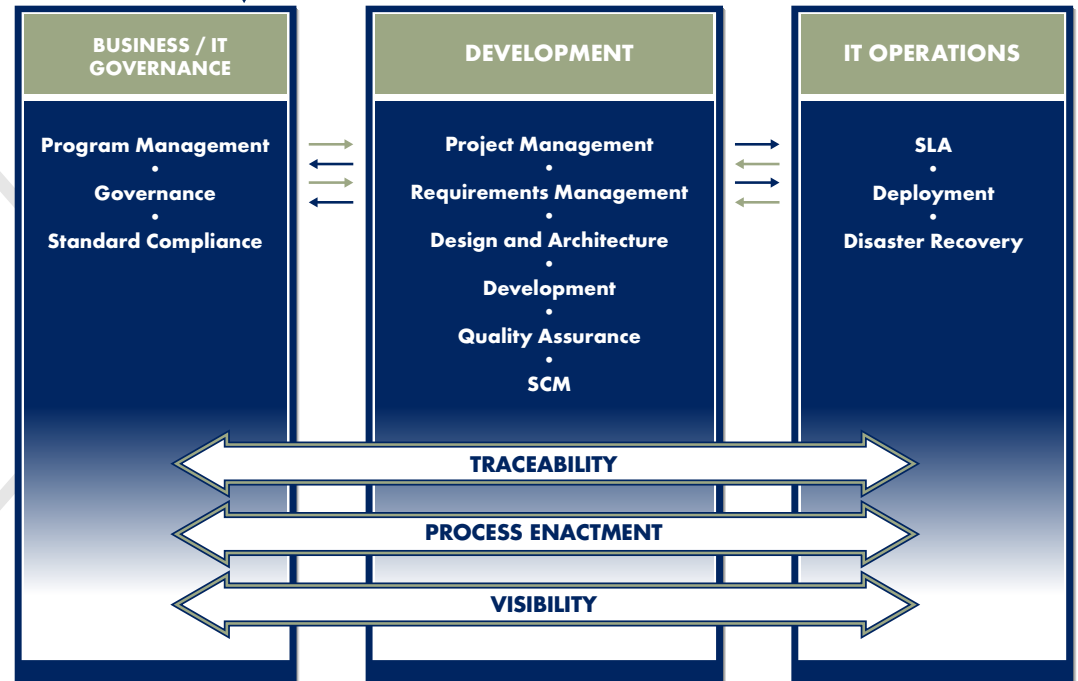
Intertech is an experienced Teamprise solution integrator. Intertech delivers Teamprise installation, configuration, build integration, and team training.



Call Today To Find Out More About The Complete ALM/TFS Solution!

Intertech Complete ALM and TFS Solutions

Business Value Identified  Business Value Delivered



Call Intertech's TFS Team Today: 651 994 8558 +11 | 800 866 9884 +11

