

Automated Build Center of Excellence (CoE)

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.



Microsoft Partner

Gold Application Lifecycle Management
Gold Collaboration and Content
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Applications are becoming increasingly complex, and release cycles are shrinking. Build, test, and deployments are an increasingly important part of accelerating software development. As a result, companies are seeking more agile ways to maximize their software development, especially in the areas of automated build and deployments.

Imaginet's Build Center of Excellence (CoE) allows our experts to work with your development and release management teams to ensure high quality, consistent builds across your enterprise. Bring the experience of the Microsoft Partner of the Year in ALM to your team today.

Common Core Business Drivers

Cost effective creation and execution of consistent automated builds across the enterprise to:

- Shorten cycle time from development through deployment
- Establish traceability from code to release
- Increase software quality
- Support cross platform builds
- Enable automated deployments from development to production
- Leverage proven experience
- Allow your team to focus on your business problems, not builds

Imaginet Build Center of Excellence

Microsoft recognized Imaginet as the global leader by awarding the Microsoft 2011 Partner of the Year in Application Lifecycle Management (ALM). This experience and skill is brought to your team in the Imaginet Build Center of Excellence (CoE) by providing one or more dedicated build engineering resources to design, develop, and maintain your automated build environments. The CoE couples our experts with your development and release management teams to ensure high-quality, consistent automated builds across your enterprise.

Members of our CoE are experienced, highly-trained, and well-connected and leverage each other, our ALM consultants, and our connections with Microsoft and the community to ensure that your automated builds are based on best practices. Our CoE has a library of common tools, extensions, patterns, and approaches to expedite build development.

Our Specialties

The Imaginet Build CoE focuses on delivering high-quality automated build systems based on your requirements. We use Microsoft's Visual Studio Team Foundation Server as the core version control and build subsystem; however we can work with other tools as appropriate.

Our build engineers can provide build automation for:

- Continuous Integration and Gated development builds
- Microsoft .NET and non-.NET
- Test lab deployment and test builds
- Remote build integration (e.g., compilation on a *nix system)
- Automated testing in lab environments
- On-premise or cloud hosted build environments
- Continuous Deployment to Azure environments
- Java and Cross platform
- Embedded systems
- Build performance optimization
- Custom build extensions, tooling and reports
- Your TFS or using Team Foundation Service

Although this represents our core skills, it is in no way comprehensive. As a Center of Excellence, we can cover many edge conditions and other scenarios that other consulting organizations cannot.

How It Works

The Imaginet Build CoE is designed to work at a corporate level. Imaginet works with you to ensure that all of your development teams can consistently build and deploy quality applications with resiliency, transparency, and traceability.

Phase 1: Initial On-Site Environment Review

First, we provide a Software Configuration Management/Build Architect to work with your organization to capture the organizational build requirements and goals, including build hardware and/or cloud selection. This build envisioning generally takes 1-2 weeks (depending upon the organization size), is performed on-site, and results in a build architecture plan along with prioritized team and build lists.

Phase 2: Dedicated Build Engineering Support

Following the envisioning session, one or more build engineers will work with your teams remotely. In general, the CoE build engineers will need remote access to your version control and build environments. Our build engineers can help with the installation and configuration of build environments (on-premise and/or cloud) to meet your goals. During the build engineering phase, we will:

1. Reevaluate high-level build architecture plan
2. Work with the development team(s) to gather additional detailed requirements
3. Setup build environments as needed (on-premise and/or cloud)
4. Select existing tools and components as necessary to support the build activities
5. Develop custom build templates, scripts, and activities as necessary
6. Configure and integrate components to deliver required automated build capabilities
7. Mentor development team on build usage and maintenance if desired

These steps are repeated for each team and build as described in the high-level build architecture plan. At the completion of each build engineering phase, we will deliver all of our custom components and tools that were used so that you can, as you choose, maintain the builds after the build completes.

Roadmap for Success

PHASE 1: Initial On-site Environment Review

- Envisioning
- Assess project complexities
 - Teams
 - Technologies
 - Architecture
- Determine Configuration

PHASE 2: Dedicated Build Engineering Support

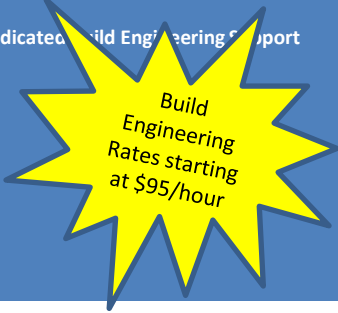
- Setup build environment
- Select tools to support builds
- Configure & integrate components
- Mentor development teams
- Setup remote support team

Rates

PHASE 1: Initial On-Site Environment Review

- 2 week on-site engagement with SCM/Build Architect
- Starting at \$7800 / week plus travel & expenses

PHASE 2: Dedicated Build Engineering Support



Build
Engineering
Rates starting
at \$95/hour

For more information about Imaginet's Build Center of Excellence, email us at info@imaginet.com or call 1-800-989-6022.