

# Select for Microsoft.NET

## Process, Design, Development and Deployment Tools for Microsoft .NET

**Select Business Solutions™ streamlines your Microsoft .NET application, development, deployment and management, producing the systems you need to gain a competitive edge**

- *Integrated UML driven .NET code generation, reverse engineering and visual synchronization, with Select's .NET synchronizers*
- *Integrated Supply, Manage and Consume (SMaC) process support with Select Asset Manager™*
- *Integrated Model, Requirement and Dictionary browsing*
- *Global Assembly Cache search and browse*
- *Integrated Component and Assembly reuse and refresh*

## INCREASE YOUR MICROSOFT .NET DEVELOPER CAPABILITY

Microsoft's .NET initiative provides enormous benefits, allowing your IT to respond rapidly to today's ever -changing business environment. The market leading .NET Framework helps your business to maintain agility by developing integrated solutions based on XML Web Services.

Typical questions asked by Microsoft .NET project managers and developers include:

- How can design techniques best be applied to Microsoft .NET and specifically Microsoft Visual Studio .NET?
- Can the benefits of Service and Component Based Design (S&CBD) be realized when developing with Microsoft .NET?
- How can the greatest reuse of .NET components be achieved?

## DESIGN DRIVEN COMPONENT BASED SOFTWARE ENGINEERING TOOLKIT

Select Solution Factory™ for .NET - is a model-driven toolset that allows organizations to leverage service and component-based development (S&CBD) to deliver systems that meet evolving business needs. Select Solution Factory tightly couples component build and solution assembly for Microsoft .NET, transforming the way you deliver applications. It allows development organizations to manage complex development projects, increase reuse and deliver more reliable software.

By deploying Select Solution Factory, businesses are able to design and manage the development of their .NET applications in a service and component-based manner within and across development teams. Central to this is the management of 'build' contracts for components, 'Design by Contract', so that a specified component may be developed internally or outsourced externally.

With Select Solution Factory, you have the ability to reuse .NET components and automate development, significantly reducing development cycle time and cost. Its flexibility improves time to market, increases staff productivity and enhances the quality of new business applications.

Select Solution Factory provides all developers with centralized access to models and component reuse libraries through a networked multi-user repository. The repositories can be configured, to suit any geography of distributed developers. This lets any size, or number, of teams to develop applications faster, with greater consistency, reducing costs. Select Solution Factory scalability means it will work for your organization - no matter how small or large and complex.



## SELECT COMPONENT FACTORY BOOSTS .NET DEVELOPMENT ON SIX FRONTS

With Select Solution Factory's extensions to Microsoft .NET you can:

1. Use Select Asset Manager's™ advanced search capabilities to discover what .NET assets you have available for reuse, both within the Global Assembly Cache and your shared component reuse libraries, to increase productivity across the organization
2. Design .NET solutions, which may even be based on reused .NET assets, with Select Architect's™ Business Process Modeling, UML and Data Modeling, to deliver quickly on business requirements and increase quality
3. View Select Architect™ models and Requirements directly within Microsoft Visual Studio .NET, to improve designer/developer communication and support business needs
4. Use Select's unique visual code synchronization tools directly within Microsoft Visual Studio .NET to align UML models and .NET project code, to increase developer productivity and application quality
5. Reuse COM and .NET components directly into .NET projects, and receive notification of any updates to these components, to achieve return on developer investment
6. Publish built .NET assets into a multi-user reuse library from within Visual Studio .NET using Select Asset Manager, making them available for wider reuse

The unique Select .NET synchronizers within Select Solution Factory generate .NET code from UML designs and visually synchronize with your Microsoft Visual Studio .NET projects. These code synchronization features are fully integrated within the Microsoft Visual Studio .NET development environment. This increases developer quality and productivity by dramatically simplifying the round-trip engineering process.

Also within Select Solution Factory, Select Asset Manager has pioneered component management. It is the 'hub' for storing and tracking versions and configurations of an organization's software assets, including component specifications, .NET Assemblies, COM components, Web Services and more. It provides a design-time library to support Select's design by contract 'Supply, Manage, Consume' approach to S&CBD, the Select Perspective™. Select Asset Manager provides facilities to locate, publish, reuse and refresh components directly from the Microsoft Visual Studio .NET development environment.

To gain even more productivity add the Select Solution for MDA™. This will increase the amount of code generated, typically to between 60% and 80%. Pre loaded with transformation patterns for C# and Microsoft VB, the Select Solution for MDA dramatically accelerates your .NET development.

To find out more about how Select Solution Factory (plus Select C#Sync™ or Select VBSync™) can help you to deliver, deploy and manage your Microsoft .NET solutions visit [www.selectbs.com](http://www.selectbs.com) or refer to the companion data sheets.

### About Company

Select Business Solutions' Application Development Solutions business unit builds and supplies market leading Process, Visual Modeling and Application and Development Tools. Our offerings provide comprehensive and innovative solutions for our customers to gain technological competitive advantage in areas such as CMMI, MDA, SOA, Microsoft.NET and Eclipse.

Select prides itself on its exceptional customer retention and satisfaction, working closely with customers and analysts to deliver award winning products and processes. Our mission is to enable our customers to deliver the right IT solutions for their businesses on time and to budget, without overcomplicating or enforcing technology lock-in.

Our tools are successfully implemented in thousands of organizations throughout all the major industries including finance, retail, telecommunications, distribution and government. Select is an Avantcé Company, ([www.avantce.com](http://www.avantce.com)) headquartered in Trumbull, Connecticut. Select operates sales offices throughout North America and Europe, in addition to a network of international distributors.



[www.selectbs.com](http://www.selectbs.com)  
[info@selectbs.com](mailto:info@selectbs.com)

©2006  
Select Business Solutions, Inc.