

Select Architect

Revolutionary Component-Based Design Tool, Architecting the Right Business Applications Right.

Select Architect™ Lets you Actually Reuse Components, Web Services and Raise Component Build Request and specifications from within your Models

- *Integrated Component-Based Design (CBDesign)*
 - Supply, Manage, Consume
 - Design by Contract
 - Service Driven Design
- *Business Process Modeling*
- *Unified Modeling Language (UML)*
- *Database Modeling*
 - Synchronization
 - Object-Relational model mapping
- *Enterprise-scale Repository*
- *Design Animation*
- *Java, Visual Basic, C++, C# code and XML Schema Synchronization*
- *Intelligent Document Generation*
- *Requirements, Traceability and Impact Analysis*
- *XMI Support*

PRAGMATIC MODELING FOR BUSINESS CRITICAL APPLICATION UML AND COMPONENT-BASED DESIGN

Select Architect provides a scalable design environment for pragmatic business process design, Component-Based Design (CBDesign), UML and database design. Select Architect is the first modeling tool that truly integrates solution design with component design.

Unique and groundbreaking features within Select Architect provide genuine business benefits, including;

- True Component-Based Design, mapping directly to today's component and service implementation technologies
- Business Process Modeling, model animation and traceability, ensuring designs and software solutions are precisely aligned to the needs of the business
- Cost reductions through automated generation of documents, code and databases, including XML Schema
- Scalability from an enterprise-scale, multi-user repository
- Rapid delivery of applications through pragmatic, minimalist, modeling, design patterns and optional component-based techniques
- Impact analysis, achieved through integrated, de-facto, modeling techniques and requirements database
- Unique Integrated design-time component supply and reuse

Select Architect allows you to model complex IT applications before commencing development, uncovering costly problems earlier in the development life-cycle. It also acts as a store for intellectual property, which is invaluable during system maintenance, improvement and integration.

INTEGRATED, BEST OF BREED MODELING TECHNIQUES

Business process modeling, is supplied within Select Architect to clearly communicate the desired business workflows and processes. This ensures that delivered solutions meet the needs of the business and that the impact of change can be easily assessed. Component-based Design (CBDesign) is achieved through extensions to UML and integrated component reuse, giving architects abstracted views for solution assembly. This is particularly useful when designing virtual organizations. Select Architect couples the CSC Catalyst Notation with BPMN notation, this is extended to visualize the system through integrated business process simulation.

The core of Select Architect is a pragmatic UML profile, focused on CBD and business system design. Database design is catered for through Entity Relationship Diagrams, using notations familiar to DBAs and database designers. Finally, free form diagrams are available just in case you need to do something different. The Select Architect's approach to modeling is minimalist and easy to learn, while applying industry standards to give you all the tools you need for system design.



SELECT

ARCHITECT™



SELECT
ARCHITECT™

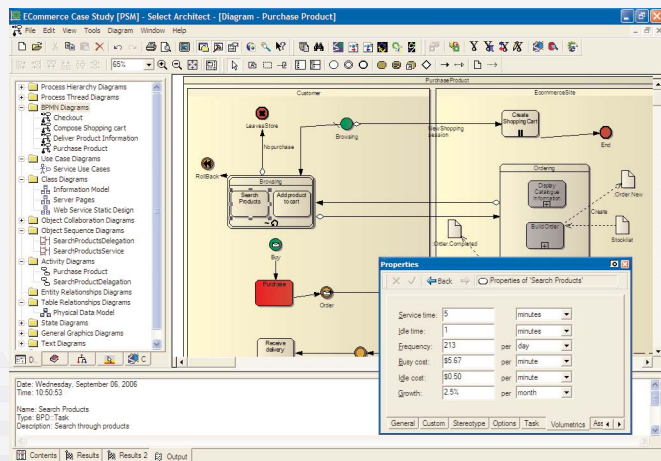
All of the Select Architect diagrams reference an underlying data dictionary, ensuring consistency among diagrams and designers. The dictionary tightly integrates the specially selected collection of modeling techniques, to provide end-to-end traceability. Planned changes to databases and code can be traced back through UML and CBDesign to the business processes. This facility extends requirements management by providing full linkage into the business. Select Architect gives you the modeling techniques to design the right system, and design it right.

MULTI-USER REPOSITORY SPEEDS DEVELOPMENT OF COMPLEX, ENTERPRISE-SCALE APPLICATIONS

Select Architect provides all developers with centralized access to models through a central multi-user repository. The repositories can be networked, to suit the geography of distributed designers, which is particularly important for distributed CBD. This lets any size, or number of teams, to develop applications faster, with greater consistency, reducing costs. The Select Architect repository has complete facilities for backup, recovery, model management and version control. Select Architect scalability means it will work for your organization - no matter how large or complex.

COMMUNICATE DESIGNS WITH DOCUMENT GENERATION AND INTELLIGENT REGENERATION

Models represent an important design asset - uncovering information usually stored inside the minds of key people. Not only does Select Architect provide a way to capture key information and keep it consistent with the applications, it also gives you a powerful way to publish the design to others. Far beyond the "canned" reporting facilities of many modeling tools, Select Architect's Document Generator™ facilitates customization and document formatting. It can automatically update all reports as changes are made to the design models.



FAST AND FLEXIBLE APPLICATION AND COMPONENT DESIGN

Documentation is an excellent way to communicate designs but Select Architect goes one stage further, with animator. The Select Architect Animator graphically simulates the UML and CBD designs, bringing them to life, so that they can easily be understood. This unique facility is invaluable for walking throughs, and agreeing designs within the team and the business.

EXTEND INTO SELECT SOLUTION FACTORY

In its own right, Select Architect is an incredibly powerful component-based design and development tool set. As part of Select Solution Factory™, Select Architect becomes the cornerstone for realizing all the benefits of component based development - "the next wave" in application development.

To find out more about how Select Architect can help you design your CBD and business critical software solutions visit 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) headquartered in Trumbull, Connecticut. Select operates sales offices throughout North America and Europe, in addition to a network of international distributors.



www.selectbs.com
info@selectbs.com

©2006
Select Business Solutions, Inc.