

## Which Enterprise Architect Edition Should I Purchase?

Enterprise Architect is available in six editions - Ultimate, Systems Engineering, Business and Software Engineering, Corporate, Professional and Desktop. Functionality for each edition is as follows:

	Ultimate	Systems Engineering	Business & Software Engineering	Corporate	Professional	Desktop
.EAP Project Files	✓	✓	✓	✓	✓	✓
Advanced UML 2.5 Modeling	✓	✓	✓	✓	✓	✓
ArchiMate 2.0	✓	✓	✓	✓	✓	✓
Automation API	✓	✓	✓	✓	✓	✓
BPMN 2.0	✓	✓	✓	✓	✓	✓
Business Process Modeling	✓	✓	✓	✓	✓	✓
Charts and Dashboards	✓	✓	✓	✓	✓	✓
Export Model Reference Data for Calendar events, Team Review, Gap Matrix Profiles, and UML Patterns	✓	✓	✓	✓	✓	✓
Document Fragments in Reporting	✓	✓	✓	✓	✓	✓
Ecore	✓	✓	✓	✓	✓	✓
Element List (Tabular Editing)	✓	✓	✓	✓	✓	✓
Firebird Repositories	✓	✓	✓	✓	✓	✓
Gantt Charts	✓	✓	✓	✓	✓	✓
GML 3.3	✓	✓	✓	✓	✓	✓
Hand Drawn Mode	✓	✓	✓	✓	✓	✓
Kanban Diagrams	✓	✓	✓	✓	✓	✓
Learning Center	✓	✓	✓	✓	✓	✓
Metadata/Repository Advanced Search	✓	✓	✓	✓	✓	✓
Mind Mapping	✓	✓	✓	✓	✓	✓
New Report Templates	✓	✓	✓	✓	✓	✓
NIEM	✓	✓	✓	✓	✓	✓
OMG XMI	✓	✓	✓	✓	✓	✓
Profile Authoring Helpers	✓	✓	✓	✓	✓	✓
Project Gantt View	✓	✓	✓	✓	✓	✓
PDF Report Generation	✓	✓	✓	✓	✓	✓



	Ultimate	Systems Engineering	Business & Software Engineering	Corporate	Professional	Desktop
Personal Tasks View	✓	✓	✓	✓	✓	✓
Profile/Metamodel Extensibility	✓	✓	✓	✓	✓	✓
Project Tasks	✓	✓	✓	✓	✓	✓
Relationship (Traceability) Matrix	✓	✓	✓	✓	✓	✓
Relationship Matrix Textual Matrix	✓	✓	✓	✓	✓	✓
Report Generation: HTML and RichText	✓	✓	✓	✓	✓	✓
Report Customization: WYSIWYG Template Editor (for Rich-Text Reports)	✓	✓	✓	✓	✓	✓
Requirements Management	✓	✓	✓	✓	✓	✓
Risk, Task and Image Objects	✓	✓	✓	✓	✓	✓
RTF Reporting API	✓	✓	✓	✓	✓	✓
Save Diagrams as PDF	✓	✓	✓	✓	✓	✓
Shape, Scripts/Customization	✓	✓	✓	✓	✓	✓
SOMF 2.1	✓	✓	✓	✓	✓	✓
Specification Manager	✓	✓	✓	✓	✓	✓
Statechart Editor	✓	✓	✓	✓	✓	✓
Test Management	✓	✓	✓	✓	✓	✓
Version Control Integration	✓	✓	✓	✓	✓	✓
Version Control TFS, 2010, 2012 Support	✓	✓	✓	✓	✓	✓
Working Sets	✓	✓	✓	✓	✓	✓
XMI Import and Export (2.1, 1.2, 1.1, 1.0)	✓	✓	✓	✓	✓	✓
Allocated Work	✓	✓	✓	✓	✓	
ArcGIS	✓	✓	✓	✓	✓	
Business Process Simulation ***	✓	✓	✓	✓	✓	
Cloud Connectivity	✓	✓	✓	✓	✓	
Code Engineering	✓	✓	✓	✓	✓	
Database Engineering	✓	✓	✓	✓	✓	
Debug using JDWP protocol	✓	✓	✓	✓	✓	
Debug & Visualize Applications	✓	✓	✓	✓	✓	
Execution Analyzer Menu	✓	✓	✓	✓	✓	
GML 3.2.1	✓	✓	✓	✓	✓	
MDG Technologies (Create)*	✓	✓	✓	✓	✓	
Model Driven Architecture (MDA)	✓	✓	✓	✓	✓	
Project Discussion Forum	✓	✓	✓	✓	✓	



	Ultimate	Systems Engineering	Business & Software Engineering	Corporate	Professional	Desktop
Replicate .EAP Projects	✓	✓	✓	✓	✓	
Reverse Engineer Binaries (Java, .NET)	✓	✓	✓	✓	✓	
Reverse engineer user defined lanuages	✓	✓	✓	✓	✓	
Testpoints for VB.NET	✓	✓	✓	✓	✓	
Shared Models	✓	✓	✓	✓	✓	
Test Points	✓	✓	✓	✓	✓	
Win 32 User Interface Designs	✓	✓	✓	✓	✓	
WSDL Engineering	✓	✓	✓	✓	✓	
XML Schema (XSD) Engineering	✓	✓	✓	✓	✓	
Audit Model Changes	✓	✓	✓	✓		
Baseline Diff/Merge	✓	✓	✓	✓		
DBMS Repository **	✓	✓	✓	✓		
Debugging of Jscript, VBScript and JavaScript	✓	✓	✓	✓		
Element discussions	✓	✓	✓	✓		
Floating Edition Available	✓	✓	✓	✓		
Gap Analysis	✓	✓	✓	✓		
Lazy Load	✓	✓	✓	✓		
Model Mail	✓	✓	✓	✓		
Project Calendar	✓	✓	✓	✓		
Reusable Asset Service	✓	✓	✓	✓		
Scripting Jscript, VBScript and Javascript	✓	✓	✓	✓		
Security (Role-based)	✓	✓	✓	✓		
Simulation of Object Instances	✓	✓	✓	✓		
Task Allocation	✓	✓	✓	✓		
TOGAF Gap Analysis	✓	✓	✓	✓		
User Interface Simulation	✓	✓	✓	✓		
WAN Optimizer	✓	✓	✓	✓		
BPEL Generation from BPMN diagrams	✓		✓			
BPEL 2.0 Generation	✓		✓			
BMPN Simulation	✓		✓			
Business Rules Composer	✓		✓			
Executable Code Generation from Behavioral Models	✓	✓	✓			
Math Support built into Script Engines	✓	✓	✓			



	Ultimate	Systems Engineering	Business & Software Engineering	Corporate	Professional	Desktop
Ada 2005 Code Engineering	✓	✓				
Code Generation for State Machines	✓	✓				
Real-Time, HDL Code Engineering and Profiles	✓	✓				
SysML 1.3, 1.2, 1.1	✓	✓				
SysML Parametric Model Simulation	✓	✓				

**New Items in Enterprise Architect 12.1**

Roadmap Diagrams	✓	✓	✓	✓	✓	✓
Diagram Legends Auto Coloring	✓	✓	✓	✓	✓	✓
Info View	✓	✓	✓	✓	✓	✓
Virtualized Ends	✓	✓	✓	✓	✓	✓
BPSim Modeling	✓	✓	✓	✓	✓	✓
Heat Maps	✓	✓	✓	✓	✓	✓
Customized Model Patterns	✓	✓	✓	✓	✓	✓
Chart External Models	✓	✓	✓	✓		
SysML 1.4	✓	✓				

**New Items in Enterprise Architect 12**

AUTOSAR	✓	✓	✓	✓	✓	✓
Common Property Dialog	✓	✓	✓	✓	✓	✓
Default Document Handler	✓	✓	✓	✓	✓	✓
Diagram Theme/Visual Style	✓	✓	✓	✓	✓	✓
Navigation Bar	✓	✓	✓	✓	✓	✓
Package Menu	✓	✓	✓	✓	✓	✓
Portals Window	✓	✓	✓	✓	✓	✓
Project Management, Maintenance and Testing Windows	✓	✓	✓	✓	✓	✓
Start Page	✓	✓	✓	✓	✓	✓
Total User Interface Themeing	✓	✓	✓	✓	✓	✓
Wireframes	✓	✓	✓	✓	✓	✓
BPMN XML	✓	✓	✓	✓	✓	
XSLT Debugger	✓	✓	✓	✓	✓	



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Visual Studio / Eclipse Links	✓	✓	✓	✓	✓	
XMI Merge using Baseline Merge sets	✓	✓	✓	✓	✓	
Database Engineering Toolset	✓	✓	✓	✓		
Schema Composer	✓	✓	✓	✓		
XML and XSD Editing and Validation	✓	✓	✓	✓		

## Included MDG Products

Visual Studio Link	✓	✓	✓	✓	✓	
Eclipse Link	✓	✓	✓	✓	✓	
UPDM	✓	✓	✓			
Visual Studio 2005/2008 Integraton	✓	✓	✓			
Eclipse Integration	✓	✓	✓			
Zachman	✓		✓			
TOGAF	✓		✓			
DDS	✓	✓				
SysML	✓	✓				
DOORS Link	✓					
MDG Integration for Microsoft Office	✓					

- \* Separately sold MDG Technologies may require an additional license.
- \*\* Supported DBMS include: MSSQL Server, MySQL, Oracle, PostgreSQL, Progress OpenEdge, MSDE, Adaptive Server Anywhere
- \*\*\* Manual simulation support in Professional edition, automated simulation support in Corporate edition and above.

### Purchase Enterprise Architect from:

<http://www.sparxsystems.com/products/ea/purchase.html>