

Smart Development Environment Modeler Edition for Visual Studio® (SDE ME-VS) is a modeling platform designed to support system architects, developers and UML™ designers to accelerate the analysis and design process for complex enterprise applications through our best-of-breed and award-winning visual modeling technology that facilitates UML visualization (the latest UML 2.1 notation and all 13 diagrams supported).

Powerful and Easy-to-use GUI

Now developers can create diagrams much faster than any tool on the market through SDE-VS's most intuitive resource-centric and mouse location sensitive GUI. Tidy up your complex and messy diagrams is just a matter of one mouse click by using SDE-VS's automatic diagram layout technology and yet the unique gesture editing capability makes diagramming a fun task.

Team Development Support

Teamwork Server enables your software developer teams to work on the same projects in parallel. SDE-VS also helps developers to eliminate tedious document preparation with automatic report generator that supports for popular HTML and report generation and publishing.

Extendibility and Custom Design Support

Extends UML capabilities beyond the latest UML 2.1 is not a dream! Now, SDE-VS allows you to design new notation or incorporate custom shapes or symbols by using our embedded shape editor, image icon import, UML profile or Visio integration capability.

Key Features

1. Full UML 2.1 notations	2. Requirements management
3. Team collaboration (client)	4. PDF, HTML report generation
5. Import/export to XML and image	6. Shape Editor — design your own shapes

Pricing

Prices are provided in US dollars

Single Seat License	Floating License	Software Maintenance
Unit price \$99.00	Unit price \$128.50	Extend 1 year maintenance
Unit price with 1 year maintenance \$118.50	Unit price with 1 year maintenance \$154.00	Single Seat License \$19.50
1 year maintenance cost 20% of unit price.	The price of Floating License is calculated in 30% more of the single seat license. To know more about floating license, please visit Floating License page at here	Floating License \$25.50
		All version upgrades of Visual Paradigm products are included as part of software maintenance. Customers are entitled to get all version upgrades within their software maintenance period.

Switch to Modeler Edition				
From Edition	Single Seat License		Floating License	
	with maintenance	without maintenance	with maintenance	without maintenance
Personal	\$48.00	\$77.50	\$83.50	\$113.00

Customers can upgrade the existing edition to get more features and functionalities from your Visual Paradigm products.

Detail Features

UML Support	
1.	Class diagram ENHANCED
2.	Use case diagram
3.	Sequence diagram
4.	Communication diagram
5.	State machine diagram
6.	Activity diagram
7.	Component diagram
8.	Deployment diagram
9.	Package diagram

10. Object diagram
11. Composite structure diagram
12. Timing diagram
13. Interaction overview diagram
14. Use case detail editor
15. Use case flow-of-events listing
16. Generate sequence diagrams from flow of events lists
17. Select attribute's getter or setter as call message's action
18. Business model use case support

Requirements Management

1. Requirement diagram
2. Textual analysis
3. CRC Cards
4. Identify candidate activity and action by textual analysis
5. Display full set of requirements in tabular view

Database Modeling

1. Entity relationship diagram **ENHANCED**
2. ORM diagrams
3. Conceptual, logical and physical ERD support

Visual Modeling

1. Freehand shape support **NEW**
2. Justify shape name **NEW**
3. Support enable or disable minimum shape size **NEW**
4. Layer support to show/hide set of shape with single click **NEW**
5. Support showing line jump in Arc, Square, Skip or normal **NEW**
6. Align Connector Caption Base on Connector Orientation **NEW**
7. Annotation with callout shapes
8. Annotation with freehand shapes
9. Organize model elements and diagrams using Model Explorer
10. Bookmark support
11. Handi-Selection tool
12. Customizable data types for use with multiple programming languages
13. Overview diagrams
14. Resource-centric interface
15. Model sharing
16. Cut, copy and paste
17. Copy diagrams as images for use in other applications
18. Undo and redo options
19. Mouse gestures
20. Reverse connector direction
21. Group creation support
22. Jump to feature for selecting a particular shape or model
23. Quick connect feature
24. Easy navigation to connected elements
25. Model commenting
26. Duplicate shapes and models
27. Selectable/non-selectable toggling for shapes
28. Diagram locking
29. Reference to any type of artifact
30. Advanced file and directory selector
31. Advanced tree support
32. Duplicate, move and reconnect connectors
33. Package headers for all types of diagrams
34. Tagged value display toggling for diagram elements
35. Sub-diagrams and reference indicators
36. Rectilinear, round rectilinear, oblique, round oblique and curve connector styles
37. Space reclamation using Sweeper

38. Space elimination using Magnet
39. Create shapes with user-defined initial sizes
40. Drag-and-drop creation of shapes using trees in diagrams
41. Auto-fit shape sizes
42. In-line editing
43. Spell checking
44. Visual alignment guides
45. Numerous grid options
46. Diagram information display in diagrams
47. Jump to diagram feature
48. Drag-and-drop copying, moving and reordering of classes and entity members
49. Open view from model element
50. Diagram renaming boxes
51. Add folders as favorites
52. Display Undo/Redo action names
53. Inverse shape selection
54. Create new attribute with Enter key
55. Automatic reroute connector when overlapped with other shapes
56. Hide shapes or type of shapes on a diagram
57. Visualize related model element
58. Enforcing master view between model element and shape
59. Auto extend activation
60. Model name completion for class
61. Pinnable connector end **NEW**

Style and Formatting

1. Manage and apply styles within project **NEW**
2. Customizable shape style and formatting
3. Image incorporation in diagrams
4. Stereotyped element appearance
5. Rich text documentation
6. Add rich text elements to diagrams
7. Shape format copier
8. Enrich model documentation with images
9. Save/load template for model documentation
10. Display stereotyped model element as image icon

Team Collaboration with VP Teamwork Server

1. Concurrent and collaborative modeling with VP Teamwork Server
2. Import projects to VP Teamwork Server
3. View projects from VP Teamwork Server
4. Commit project changes to VP Teamwork Server
5. Update local project copy using VP Teamwork Server
6. Review past revisions using VP Teamwork Server
7. Compare past revisions using VP Teamwork Server
8. Undo committed changes by reverting revisions **NEW**
9. Detect and resolve conflicts using VP Teamwork Server
10. Branch and tag projects using VP Teamwork Server
11. Merge branch changes using VP Teamwork Server
12. Export multiple revisions from VP Teamwork Server
13. Run VP Teamwork Server on common Java web servers
14. Element based revision history
15. Preview local and server changes before commit or update

Documentation Generation

1. PDF report generation
2. HTML report generation
3. Intelligent element sorting during report generation

Printing

1. Print multiple diagrams
2. Preview printable pages
3. Print clip marks
4. Page margin, size and orientation alteration support
5. Fit-to-pages option
6. Fit-to-ratio option
7. Customizable page header and footer
8. Project name and diagram name display in header or footer
9. Print with frame or border support
10. Toggle gradient color printing
11. Quick print support

IDE Integrations

1. Embedded modeling environment in Visual Studio

Shape Editor

1. Design arbitrary shapes
2. Import SVG shapes
3. Incorporate different shapes into UML diagram
4. Organize shapes by gallery, category and stencil
5. Advanced shape design capabilities

Layout Facilities

1. Automatic diagram layouts
2. Shape alignment and centering
3. Uniform shape width and height maintenance
4. Automatic shape distribution

Interoperability

1. Import and export EMF based UML2 model
2. Command-line operations
3. Import and export XMI 1.0, 1.2 and 2.1 **ENHANCED**
4. Import and export XML
5. Import and export VP project file format
6. Export diagrams as JPG, PNG, SVG and EMF image files
7. Export diagrams as PDFs
8. Slice exported diagrams into smaller segments
9. Import Rational Software Architect files
10. Copy diagram elements as XML

Intuitive User Interface

1. Group diagrams by category
2. Advanced property pane
3. Dockable user interface windows.
4. New project generation using predefined templates
5. Easy-to-use "New Diagram" dialog
6. Flexible zooming
7. Palette-style toolbar
8. Collapsible toolbar
9. Display tool names for toolbar buttons
10. Expand grouped toolbar buttons
11. Display various diagram categories in toolbar
12. Display stereotyped model types in toolbar
13. Numerous looks-and-feels
14. Import user preferences from existing workspaces
15. Multilingual support
16. Searchable options
17. Customizable program shortcuts

Automatic Updates

1. Automatic online updating
2. Maintain local update server with update synchronizer

Open Architecture

1. Plug-in support (Java)
2. VP model and XML interaction

Compare the features included in each edition at
<http://www.visual-paradigm.com/product/sde/vs/sdevsditioncomparison.jsp?edition=Modeler>

Related Products



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