

Oracle® AutoVue Product Variations

Feature Matrix

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The tables in this chapter list the available features of the AutoVue Enterprise Visualization product family. The tables are organized by the following features: general features, 2-D and EDA common features, raster/graphics features, 2-D vector features, EDA features, 3-D features, markup features, and collaboration features. For the most up-to-date version of this document, go to the AutoVue Documentation Web site on the Oracle Technology Network at

<http://www.oracle.com/technetwork/documentation/autovue-091442.html>.

Note that several of the following features are supported only if the file that is being viewed in AutoVue contains relevant information.

1 General Features

The General Features are discussed in Table 1, "General Features".

Table 1 General Features

Feature	AutoVue Office	AutoVue 2D Professional	AutoVue 3D Professional Advanced¹	AutoVue EDA Professional	AutoVue EMP¹	AutoVue for Agile 2D	AutoVue for Agile PLM EMP
File Properties	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Edit, Select, and Copy	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Open URL	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Open File from Backend System	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Open Local File	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Page Navigation	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Print							
Batch Printing	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Printing	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Table 1 (Cont.) General Features

Feature	AutoVue Office	AutoVue 2D Professional	AutoVue 3D Professional Advanced¹	AutoVue EDA Professional	AutoVue EMP¹	AutoVue for Agile 2D	AutoVue for Agile PLM EMP
Excel Print Settings	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Print Preview	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Conversion							
Basic Conversion	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Conversion to PDF ²	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Configuration ³	Yes	Yes	Yes	Yes	Yes	Yes	Yes

¹ Only 2D formats can be converted

² Not supported for 3D designs and when AutoVue Server is installed on Linux OSes.

³ AutoVue provides different configuration options for different file types.

2 2-D and EDA Common Features

The 2-D and EDA Common Features are discussed in [Table 2, "2-D and EDA Common Features"](#).

Table 2 2-D and EDA Common Features

Feature	AutoVue Office	AutoVue 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue EMP	AutoVue for Agile 2D	AutoVue for Agile PLM EMP
Overlays	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Text Search ¹	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Text Search/Copy in PDF	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Basic Manipulation							
Rotate	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Zoom	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Special View Modes							
Pan	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Pan and Zoom Window ²	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Compare							
Align and Scale	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Compare Files ³	Yes	Yes	Yes	Yes	Yes	Yes	Yes

¹ Not supported for raster formats

² Not supported for spreadsheet formats

³ Not supported for spreadsheet formats and Word documents

3 Raster/Graphics Features

The features applicable to rasters/graphics are provided in [Table 3, " Raster/Graphics Features"](#).

Table 3 Raster/Graphics Features

Feature	AutoVue Office	AutoVue 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue EMP	AutoVue for Agile 2D	AutoVue for Agile PLM EMP
Image Enhancements							
Anti-Alias ¹	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Invert	Yes	Yes	Yes	Yes	Yes	Yes	Yes

¹ Applies to raster formats and to raster overlays in other formats

4 2-D (Vector) Features

The features applicable to 2-D features are provided in [Table 4, "2-D \(Vector\) Features"](#).

Table 4 2-D (Vector) Features

Feature	AutoVue Office	AutoVue 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue EMP	AutoVue for Agile 2D	AutoVue for Agile PLM EMP
Measurements							
Entity Snapping	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Angle	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Arc	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Area	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Calibration	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Distance	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2-D CAD Features							
Blocks		Yes	Yes		Yes	Yes	Yes
Drawing Information		Yes	Yes		Yes	Yes	Yes
Layers		Yes	Yes		Yes	Yes	Yes
Views		Yes	Yes		Yes	Yes	Yes
XRefs		Yes	Yes		Yes	Yes	Yes
Conversion							
Change Pen Settings		Yes	Yes		Yes	Yes	Yes
Printing							
Create/Assign Pen Settings		Yes	Yes		Yes	Yes	Yes

5 EDA Features

The features applicable to EDA Designs are provided in Table 5, "EDA Features".

Table 5 EDA Features

Feature	Auto Vue Office	AutoVue 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	Auto Vue EMP	Auto Vue for Agile 2D	Auto Vue for Agile PLM EMP
Bill of Material (BOM)			Yes	Yes	Yes	Yes	Yes
Blocks				Yes	Yes	Yes	Yes
Cross Probe				Yes	Yes	Yes	Yes
Design Hierarchy Navigation				Yes	Yes	Yes	Yes
Design Verification				Yes	Yes	Yes	Yes
EDA Layers				Yes	Yes	Yes	Yes
Enhanced Display Modes (EDM)				Yes	Yes	Yes	Yes
Entity Filters				Yes	Yes	Yes	Yes
Entity Properties				Yes	Yes	Yes	Yes
Entity Search				Yes	Yes	Yes	Yes
Entity Selection				Yes	Yes	Yes	Yes
Go to Net Instance				Yes	Yes	Yes	Yes
Layer Sets				Yes	Yes	Yes	Yes
EDA Measurement							
Entity Snapping				Yes	Yes	Yes	Yes
Angle				Yes	Yes	Yes	Yes
Arc				Yes	Yes	Yes	Yes
Area				Yes	Yes	Yes	Yes
Calibration				Yes	Yes	Yes	Yes
Distance				Yes	Yes	Yes	Yes
Minimum Distance				Yes	Yes	Yes	Yes
Compare							
Layer State Propagation				Yes	Yes	Yes	Yes

6 3D Features

The 3D features are tabulated in Table 6, "3D Features".

Table 6 3D Features

Feature	AutoVue Office	AutoVue 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional¹	AutoVue EMP	AutoVue for Agile 2D	AutoVue for Agile PLM EMP
Basic 3D Manipulation							
3-D Render Modes			Yes	Yes	Yes		Yes
Change Part Color			Yes	Yes	Yes		Yes
Change Transparency			Yes	Yes	Yes		Yes
Free Rotate			Yes	Yes	Yes		Yes
Expand/Collapse Tree			Yes	Yes	Yes		Yes
Identical Part Detection			Yes	Yes	Yes		Yes
Light Settings			Yes	Yes	Yes		Yes
Manipulators			Yes	Yes	Yes		Yes
Re-Center			Yes	Yes	Yes		Yes
Selection			Yes	Yes	Yes		Yes
Spin			Yes	Yes	Yes		Yes
Advanced 3-D Manipulation							
Text Search in 3-D			Yes	Yes	Yes		Yes
3-D Entity Properties			Yes	Yes	Yes		Yes
Bill of Material (BOM)			Yes	Yes	Yes		Yes
Electro-Mechanical Digital Mockup							
Explode			Yes	Yes	Yes		Yes
PMI Filtering			Yes		Yes		Yes
Section			Yes	Yes	Yes		Yes
Transformation			Yes	Yes	Yes		Yes
User-Defined View			Yes	Yes	Yes		Yes
3-D Measurements							
Entity Snapping			Yes	Yes	Yes		Yes
Angle			Yes	Yes	Yes		Yes
Arc			Yes	Yes	Yes		Yes

Table 6 (Cont.) 3D Features

Feature	AutoVue Office	AutoVue 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional¹	AutoVue EMP	AutoVue for Agile 2D	AutoVue for Agile PLM EMP
Calibrate			Yes	Yes	Yes		Yes
Distance			Yes	Yes	Yes		Yes
Edge			Yes	Yes	Yes		Yes
Minimum Distance			Yes	Yes	Yes		Yes
Surface			Yes	Yes	Yes		Yes
Vertex Co-ordinates			Yes	Yes	Yes		Yes
3-D Search²							
3-D Entity Search			Yes	Yes	Yes		Yes
3-D Text Search			Yes	Yes	Yes		Yes
Compare							
Compare 3-D Designs			Yes	Yes	Yes		Yes
Compare Sets			Yes	Yes	Yes		Yes
Walkthrough			Yes	Yes	Yes		Yes

¹ The 3-D features in AutoVue EDA Professional is available when viewing 3-D PCBs.

² 3-D Entity Search and 3-D Text Search is not supported in PMI entities.

7 Markup Features

The markup features are provided in [Table 7, "Markup Features"](#).

Table 7 Markup Features

Feature	AutoVue Office	AutoVue 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue EMP	AutoVue for Agile 2D	AutoVue for Agile PLM EMP
Create and Save	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Consolidate	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Import/Export	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Layers	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Markup Filtering	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Markup Information	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Modify	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Saved States	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Markup Entities							
Attachment	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hyperlink	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Stamp	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Note	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Signoff	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Symbol	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Symbol Library	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Text	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2-D Markup Entities							
Arc	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Box	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Circle	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cloud	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Freestyle	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Highlight	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Leader	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Line	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Polygon	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Polyline	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Table 7 (Cont.) Markup Features

Feature	AutoVue Office	AutoVue 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue EMP	AutoVue for Agile 2D	AutoVue for Agile PLM EMP
Markup Measurement Entities							
Calibrate	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2-D Measurement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
3-D Measurement			Yes	Yes	Yes ¹	Yes	Yes
EDA Measurement				Yes	Yes	Yes	Yes

¹ The 3-D features in AutoVue EDA Professional are available when viewing 3-D PCBs.

8 Collaboration Features

The collaboration features are explained in Table 8, " Collaboration Features".

Table 8 Collaboration Features

Feature	AutoVue Office	AutoVue 2D Professional	AutoVue 3D Professional Advanced	AutoVue EDA Professional	AutoVue EMP	AutoVue for Agile 2D	AutoVue for Agile PLM EMP
Real-Time Collaboration ¹	Yes	Yes	Yes	Yes	Yes	Yes	Yes

¹ Available only in Client/Server deployment of AutoVue

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