



# Oracle AutoVue 19.3.1 Product Limitations

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In an effort to improve customer service, Oracle is pleased to provide the following list of known limitations with AutoVue. This is not a complete list of all existing limitations but is intended to help guide the determination of AutoVue's suitability to serve a particular purpose.

Please refer to this document in addition to the release notes every time a new version or service pack for AutoVue is released as it is subject to change.

## Formats

### ***AutoCAD***

- AutoVue does not support some proxy entities from third party applications such as Mechanical Desktop and Architectural Desktop. These entities are listed as missing shapes in the resource dialog.
- If display is slow for AutoCAD 3D, the ACAD\_FAST3D INI option can be used. Display will be much faster but individual bodies belonging to 3D parts will not be listed in the model tree and layer visibility not be supported on these bodies.
- AutoVue does not support native non-AutoCAD data contained in AutoCAD drawings.

### ***AutoDesk Inventor 3D***

- AutoVue does not support PMI for Autodesk Inventor files.

### ***CATIA***

- AutoVue does not support GPR entities contained in CATIA 4 3D models.

### ***Mentor Expedition***

- While AutoVue supports Mentor Expedition version 2005, the following features of Mentor Expedition version 2005 files are not supported:
  - Embedded Passives
  - Multiple Via Objects (MVO)

## **MicroStation 3D**

- If display is slow, the DGN\_FAST3D INI option can be used. Display will be much faster but individual bodies for 3D parts are not supported and layers are not supported.
- AutoVue does not display some SmartSolids/SmartSurfaces/Features that are not represented by Parasolid data. The workaround is to resave the MicroStation file.

## **Pro/ENGINEER**

- The external reference location mechanism is supported for Pro/ENGINEER files but is not exactly as that in Pro/ENGINEER.
- AutoVue does not fully display 3D Pro/ENGINEER parts and assemblies that contain family table instances if the instance accelerator files are missing.

You can use one of two options if the accelerator files are missing:

- a. If you are using AutoVue Web Version, you can use the CAD Integration Package that is developed by Oracle that integrates with Pro/ENGINEER to fully display such assemblies. This solution requires an installation and a dedicated license of Pro/ENGINEER.
  - b. If you do not wish to use the CAD Integration package or if you are using the Desktop Version, you can generate the accelerator files from Pro/ENGINEER by using the *save\_instance\_accelerator* option. Open the files in Pro/ENGINEER and select *Tools > Options > save\_instance\_accelerator* to generate the accelerator files.
- AutoVue does not fully display 2D Pro/ENGINEER drawings that do not contain display lists and the reference 3D parts/assemblies are missing. The CAD Integration package is the solution for 2D drawings that do not contain display lists. This solution is available with the Web Version and it requires an installation and a dedicated license of Pro/ENGINEER.

## **SolidEdge 3D**

- AutoVue does not support PMI for SolidEdge models.
- AutoVue does not support Assembly Features for SolidEdge models.
- AutoVue does not support assembly attribute overriding for SolidEdge Assemblies.
- AutoVue does not support feature-based colors, texture-based colors and system-dependent colors for SolidEdge models.

## **SolidDesigner 3D**

- AutoVue does not support PMI for SolidDesigner models.

## **SolidWorks 2D**

- SolidWorks 2D files containing data that was not updated when saved in SolidWorks will present some display issues. In this case, the non-updated data will appear **empty** in both, AutoVue and SolidWorks Viewer. If the 2D file was never saved after becoming out-of date, then AutoVue and SolidWorks Viewer

will show the last saved display data stored in the file.

Users can verify whether their files contain non-updated data by opening them in the SolidWorks application in View Only mode. If the display is incorrect, the workaround is to resave the SolidWorks files either with the **Automatic view update** option enabled or by selecting **Allow auto-update when opening drawings** from **Tools>Options>System Options>Drawings** in SolidWorks. This automatically updates all the views.

### **STEP 3D**

- AutoVue does not support PMI for STEP 3D files.

### **Office Formats**

- AutoVue does not support the following languages for Office formats:
  - Arabic
  - Hebrew
  - Urdu
  - Farsi
  - Armenian
  - Georgian
  - Hindi
  - Punjabi
  - Gujarati
  - Oriya
  - Tamil
  - Telugu
  - Kannada
  - Malayalam
  - Assamese
  - Marathi
  - Sanskrit
  - Konkani
  - Manipuri
  - Sindhi
  - Syriac
  - Kashmiri
  - Nepali
  - Divehi
- Some Unicode characters that are not language-specific are not supported.

### **Microsoft Outlook**

- AutoVue cannot view Microsoft Outlook MSG file if the MSG file is already opened in Microsoft Outlook. They will be displayed as **Unsupported File Format**.
- Text layout of Outlook MSG html-based messages is not always preserved.

## ***Microsoft Word***

- AutoVue does not support the Footnotes feature.

## ***Protel***

- Display of board arrays is not supported in Altium Designer version 6.0 and above files.

## ***Cadence Projects***

- AutoVue does not support display of non-archived projects.

## **Functionality**

### ***INI Options***

- The ProEShowHiddenLineDashed INI option is a workaround to control the display and printing of hidden lines contained in Pro/ENGINEERING drawings. For this fix to be complete, you need to select the system color hidden index instead of the RGB value. Lines with user-defined color with same RGB values as system hidden color will not be printed dashed in Pro/ENGINEER whereas in AutoVue, they will

### ***Languages***

- AutoVue does not support right-to-left languages (for example, Arabic and Hebrew).

### ***Conversion to PDF***

- Conversion to PDF is not supported when AutoVue is installed on a 64-bit OS. Conversion is currently supported only on 32-bit OS.
- AutoVue does not support the conversion of 3D models to PDF.
- AutoVue does not support conversion of multi-byte text to PDF. This could either be markup text or text contained in the native file.
- AutoVue does not convert markups when markups are imported. Markups have to be saved with the base file to be converted correctly.

### ***Markups***

- AutoVue Desktop Version does not support re-sizing of a leader entity when it is grouped with another entity.

## **Platforms**

### **Client Platforms**

- Adding a bmp as a background for the 3D workspace is only supported on windows clients with AutoVue Web Version. If the client is on a UNIX, Linux or a MAC OS, adding bmp as a background is not supported.

### **Windows VISTA**

- AutoVue Desktop Version does not support snapping for 3D models on Windows Vista OS if Aero is enabled. You must disable Windows Aero if you need to snap and perform measurements in 3D designs.
- AutoVue Desktop Version creates and reads the INI file, avwin.ini file at C:\Windows by default. On Windows VISTA, a user-specific copy of the avwin.ini (in the user's virtual store directory) is created when AutoVue Desktop Version tries to write something into it. If changes are made to the user-specific INI, these changes will not translate to other users that logon to the machine. A work-around is to startup AutoVue with the -C command line argument and point to the avwin.ini in C:\windows.
- In AutoVue Desktop Version, Thumbnails Cache is stored under the AutoVue installation directory. Since AutoVue is, by default, installed at C:\Program Files, file virtualization will take place for the Thumbnails Cache folder. Any changes made to thumbnails will not be shared between users. The workaround is to set FOLDERPATH INI option under section [Thumbnails] and point to a directory that is accessible to all users.
- The Markup Symbols folder is, by default, stored under the AutoVue Installation directory. Since AutoVue is installed at C:\Program Files by default, file virtualization will take place for the Markup symbols folder. Any changes made to the markup symbols library will not be shared between users. The workaround is to set a user-defined symbols path from the configuration dialog and point to a directory that is accessible to all users.
- AutoVue Desktop Version allows the association of file types with AutoVue by specifying file association in the configuration dialog. If user does not have Administrative privileges, this association will not work. The workaround is to associate file types with AutoVue from Windows Explorer.
- Internet Explorer 7 runs as a low-integrity process on Windows VISTA by default. As a result, the browser and its extensions (AutoVue Web Version client or AutoVueX ActiveX control) can only write to low-integrity locations. Windows VISTA intercepts attempts to write to medium or high integrity folders and redirects requests to the user's virtual store. This causes problems when exporting markups or converting files or exporting mass properties or BOM results locally. Files written to medium-integrity locations are only visible from the sandbox from Internet Explorer and are not accessible from outside. The workaround is to add AutoVue Web Version client/the AutoVueX ActiveX control to trusted sites in Internet Explorer or to write to low-integrity locations or to use another browser such as Firefox.

- OpenGL rendering on Windows VISTA could provide slower performance for 3D and this could be related to the default video card driver shipped with VISTA. If you are experiencing slower 3D performance with either Desktop Version or the Web Version, we recommend installing the latest video driver from the video card vendor.



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[oracle.com/applications/autovue](http://oracle.com/applications/autovue)

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