Oracle AutoVue 20.0.0 Product Limitations

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

Altium Designer

- Display of board arrays is not supported in Altium Designer version 6.0 and above files.
- AutoVue does not support the following features for Altium Designer Summer 2009:
    - Blanket entities
    - Test points
    - PCB design rule check entities (DRC entities)
    - Net specific colors
    - Memory instrument schematic entity
- AutoVue does not support the following features for Altium Designer Summer 2008:
    - Design Insight
    - Connectivity Insight
    - Custom FPGA Logic Development sheets
- AutoVue does not support the following features for Altium Designer 6.9:
    - Transparent Layer Mode options
    - 3D Shadow and Object Color by Layer
- AutoVue does not support the following features for Altium Designer 6.8:
    - PCB Visualization (3D Visualization Panel)
    - Bar codes in a PCB file. AutoVue only displays the text without the bar code.
- AutoVue does not support the following features for Altium Designer 6.6:
    - Project and document parameters from PCBs in the Bill of Material (BOM) report.

- o BOM file name format. BOM file name format supports display of variant names in the following formats: <Bill of Materials><Project Name>(<Variant Name>).

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 will 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.
- AutoVue does not support textures for Autodesk Inventor 2010.

CATIA V4

- AutoVue does not support GPR entities contained in CATIA V4 3D models.
- AutoVue uses a default color palette when color information in the CATIA V4 files cannot be found or when it cannot interpret the color indices correctly.
- Text in 2D pages is always drawn in black.

CATIA V5

- AutoVue does not support CATIA V5 construction entities.

Mentor Graphics Expedition

- AutoVue does not support the following features for Mentor Graphics Expedition version 2005 and up:
  - o Embedded Passives
  - o Multiple Via Objects (MVO)

MicroStation 3D

- INI option DGN_FAST3D is set to 1 by default. As a result, display will be much faster but individual bodies for 3D parts are not supported and layers are not supported. If you wish to access model tree and have layer visibility support, set this option to 0.
- AutoVue does not display some SmartSolids/SmartSurfaces/Features that are not represented by Parasolid data. The workaround is to resave the MicroStation file.

OrCAD Capture

- AutoVue does not support elliptical arcs for OrCAD Capture 16.2.

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 accurately display 3D Pro/ENGINEER parts and assemblies that contain family table instances if the instance accelerator files are missing. You can use the following option if the accelerator files are missing:
    - 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. You must make sure to save Pro/ENGINEER drawings with Display Lists or make sure the reference parts/assemblies exist.
- AutoVue does not display feature based dimensions created by Pro/ENGINEER while defining and creating features.

Solid Edge 2D

- AutoVue only displays the preview images of Solid Edge drawings that are stored in the draft files. You must save Solid Edge drafts with the preview on if you want to be able to view the drawing using AutoVue.

Solid Edge 3D

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

Unigraphics

- AutoVue does not support embedded JT data in Unigraphics 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 Excel

- AutoVue does not support the conditional formatting feature.
- AutoVue does not support transparent fills of drawing objects in Excel format.
- AutoVue cannot currently open encrypted workbook-protected Excel files.

Microsoft Word

- AutoVue does not support the Footnotes feature.

PDF

- AutoVue does not support snapping to entities (for measurements) in Adobe PDF documents. Only "free snapping" ability is available for PDF documents.
- AutoVue only recognizes email addresses or URLs as hyperlinks in a PDF if they are explicitly created as live hyperlinks in the source document or in Adobe Acrobat.
- AutoVue does not support display of XML-based forms contained in PDF documents.
- Support for layers in PDF documents has some limitations:
  - Layer hierarchy is not displayed
  - Locked layers are not supported
  - Layer print settings are not supported – if a layer is not visible, it is also not printed even if layer printability is on

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

Printing

- If you are printing files containing pages with different orientations, you must use native printing (check box **Java Printing: Off**) since Java Printing does not support printing of pages with different orientations.
- There is a known issue with large spool sizes when printing PDF and Word documents containing transparent images when using **Java Printing**. To work around this issue, enable the check box "Send page as image".

Languages

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

3D Measurements

- When making a distance measurement between planes, the planes must be flat. Measurements cannot be made between planes that are curved.

Conversion to PDF

- Conversion to PDF is not supported when AutoVue is installed on a 64-bit OS. Conversion is currently only supported on a 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.
- When you add an overlay in AutoVue and then convert to PDF, the output PDF does not contain the overlay. AutoVue does not support conversion of an overlay to PDF.
- There is a known issue with conversion to PDF when the color depth (display settings) on the machine running AutoVue is not set to 32-bit. If the markup file contains an image (for example, Intellistamp) and the display settings are not set to 32-bit, PDF conversion does not work reliably. We recommend that you set the color quality to 32-bit if you are converting markup files containing images to PDF.

Markups

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

Mobile Pack

- Creating Mobile Packs for non-zipped (tar, gz, and so on) EDA projects is not supported. If you wish to create Mobile Packs for EDA projects, it is recommended that you create zipped EDA project files.
- When you create a Mobile Pack and the Mobile contains only the streaming file, the **Blocks** (**Manipulate** > **Visibility Control** > **Blocks**) and **Views** (**View** > **View**s) functionality will not work since these functionalities require access to the native file.

Outtext Utility

- The Outtext utility provided with AutoVue Desktop Version does not guarantee that the spaces/newlines in the output will exactly match the spaces/newlines of the input document.

- The Outtext utility provided with AutoVue Desktop Version cannot extract multi-byte text.

Platforms

Client Platforms

- Adding a bmp as a background for the 3D workspace is only supported on windows clients with the Client/Server deployment of AutoVue. If the client is on a UNIX, Linux or a MAC OS, adding bmp as a background is not supported.
- The "universal file open" capability that is new in version 20.0 is not available when AutoVue client is running on a MAC OS. You must disable this dialog and revert to the 19.3 and earlier File open dialog by setting EnableFileChooser=0 in VueServer.ini.
- Native Printing (Checkbox: Java Printing: cleared) is only available when the AutoVue client is running on a Windows platform. It is not available when the AutoVue client is running on a non-Windows platform.

Server Platforms

- Anti-aliasing of text is not supported when AutoVue Server is running on a Linux platform.
- Support for PDF Transparency is not available when AutoVue Server is running on a Linux platform.
- When AutoVue is installed on Linux, the separator when specifying multiple paths in the XREFPATHS INI option has to be the window-style path separator ";". It does not support Linux-style path separator ":".

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.
- If you are installing the Desktop Deployment of AutoVue on Windows VISTA as a normal user, ensure that you install AutoVue in a folder where you have write permissions. If you do not have write permissions to the folder, AutoVue will not be able to start up.
- Internet Explorer 7 runs as a low-integrity process on Windows VISTA by default. As a result, the browser and its extensions (AutoVue 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 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 AutoVue, we recommend installing the latest video driver from the video card vendor.

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