Release Notes: Oracle AutoVue 20.0.1, Desktop Version

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.

Application User License

AutoVue includes an AutoVue Desktop Version, a Desktop Deployment, and a Client/Server deployment. For Application User licensing metric (in the Component licensing model) or Custom Suite User licensing metric (in the Custom Applications Suite licensing model), a single license cannot be split or shared between two users (e.g., one user using the AutoVue Desktop Version and a different user using the Desktop Deployment would require two licenses).

System Requirements

- Windows XP 32-bit
- Windows Vista 32-bit
- The installation requires about 400MB of free space

    Note: The memory requirement is dependent on the size and complexity of files you try to view with AutoVue.

MCAD Formats

- Added support for Autodesk Inventor 2011
- Added support for JT version 9.1
- Added support for CATIA V5 R20
- Added support for SolidWorks 2011
- Added support for SolidDesigner/CoCreate Modeling versions 16.00C, 16.00D, 16.00E, 16.50, 16.50A,16.50B, and 17.00
- Added support for IGES 3D
- Added support for shaded views in 2D Inventor files
- Added support for SolidEdge assembly features
- Improved support for colors and transparency for SolidEdge parts and assemblies
- General bug fixes:
    - CATIA V5
    - Inventor
    - IGES
    - JT
    - Pro/ENGINEER
    - SolidEdge
    - SolidDesigner
    - SolidWorks

AEC Formats

- Added support for AutoCAD 2011 and AutoCAD Mechanical 2011
- Added support for CoCreate Drafting versions 16.00A, 16.00B, 16.00C, 16.00D, 16.00E, 16.50, 16.50A,16.50B, and 17.00
- Added support for JPEG compression scheme 7 for TIFF files
- Added support for transparency in JPEG2000 files
- General bug fixes:
  - AutoCAD
  - CGM
  - HPGL
  - TIFF
  - MicroStation
  - Cocreate Drafting
  - Visio
  - JPEG

EDA Formats

- Added support for Zuken CADSTAR 12.0 (PCB/Schematics)
- Added support for Mentor Board Station and Design Architect versions 8.11, 8.12 and 8.13
- Added support for ODB++ version 7.0
- Added support for Orcad Capture 16.3
- Added support for Cadence non-archived projects
- Added support for variant views in Cadence projects
- Added support for the Allegro Module Definition Database files (*.mdd)
- Added support for Cadence Schematic Symbol files (*.css)
- General bug fixes for all supported EDA formats

Office Formats

- General enhancements for Excel files:
  - Added support for shape transparency
  - Improved support for round-off error
  - Improved printing
  - Added boolean cell support
  - Improved support for Hyperlinks
- General bug fixes:
  - Word
  - Excel
  - Adobe PDF

Documentation

The following documents have been updated in 20.0.1:

- *Installation and Administration Manual*
- *User's Manual*
- *Acknowledgments*
- *Supported File Formats*
- *Release Notes*
- *Product Variations - Feature Matrix*

The Product Limitations document (prdlim.pdf) is no longer bundled with AutoVue. The list of limitations is available as a KM Note: https://support.us.oracle.com/oip/faces/secure/km/DocumentDisplay.jspx?id=1301144.1

Desupported Features/Options

- INI options DOCVIEW and DOCVIEWSHOWHEADERS have been desupported in release 20.0.1.

INI Options Updated in AutoVue 20.0.1

- Extended the usage of the CODEPAGE option to be used in DXF files
- MINMANAGEDIMAGESIZE has been renamed to MINCACHEDIMAGESIZE

Refer to the *Installation and Administration Manual* for information regarding these options.

New INI File Settings

AutoCAD Options

Configure options for AutoCAD files.

[Options]

Parameter	Description	Default
DISABLE3DMODEL = [0|1]	Specifies whether the 3D model should be disabled or not. Set to **0** to include the 3D model in the design. Set to **1** to disable the 3D model. As a result, it is not included in the design and streaming file size is reduced. **Note:** The option is only applicable for DWG release 2000 files and above.	0

ECAD Options

Configure options for ECAD files.

[ECAD]

Parameter	Description	Default
ECAD_DISABLE_VARIANTS = [0|1]	Specifies whether to enable or disable variant views. This option can be used to improve performance if the project contains multiple variant views. Set to **1** to disable variant views. Set to **0** to enable variant views. **Note:** This option currently only supports Cadence/Allegro projects.	0

IGES Options

Configure options for IGES files.

[Options]

Parameter	Description	Default
IGESLOADDRAFTFIRST =[0|1]	Specify whether to display a 2D projection of the 3D model before the full 3D model has finished loading. Set to **0** to wait for the 3D model to finish loading. Set to **1** to display the 2D page first before the full 3D model has finished loading.	0
IGESLOADSUBFIGUREDEFINITIONS=[0|1]	Specify whether to display subfigure definition entities when subfigure instances are not found. Subfigure definition entities are used to store a group of entities that occur repeatedly in a file (subfigure instances). Set to **0** so that subfigure definition entities are not found. Set to **1** to display subfigure definitions when subfigure instances are not found. **Note:** Option is for IGES 3D files.	0

February 28, 2011

Oracle AutoVue 20.0.0, Desktop Version

Packaging

- Oracle AutoVue Desktop Version installer has been updated. Instructions for non-interactive installation have been updated. Refer to the *Installation and Administration Manual* for updated instructions.
- AutoVue Installer can be run in one of AutoVue supported languages: English (EN), French (FR), German (DE), Japanese (JA), Simplified Chinese (ZH) or Traditional Chinese (TW). However, the language-selection drop-down in the installer only lists the languages that are native to the OS. If you wish to run the installer in a language that is not displayed in the drop-down, you can do so by running the installer using the following command line argument:

  ```
  avsetup.exe -l <locale>
  ```

  where *<locale>* can be EN, FR, JA, DE, KO, ZH or TW.

  For example, avsetup.exe -l JA

- If you are performing a network installation of Oracle AutoVue Desktop Version (for example, accessing Oracle AutoVue Desktop Version over the network), you must install the Microsoft Visual C++ 2008 x86 Redistributable Package on each of the machines accessing Oracle AutoVue over the network:

  http://www.microsoft.com/downloads/
  details.aspx?displaylang=en&FamilyID=9b2da534-3e03-4391-8a4d-074b9f2bc1bf

System Requirements

- Windows XP 32-bit
- Windows Vista 32-bit
- The installation requires about 400MB of free space

  Note: The memory requirement is dependent on the size and complexity of files you try to view with AutoVue.

AutoVue Installation

Upgrading AutoVue

If you have an older version of Oracle AutoVue installed on your computer, you must uninstall it before proceeding with the new installation.

Before uninstalling your previous version of AutoVue, make sure to save a backup copy of any specific settings and content that you would like to push forward into your new version. This can include the following:

- AutoVue settings from the avwin.ini file (located in the C:\windows directory by default)
- Custom translation .properties files (located in the <AutoVue Install Folder>\avwin directory)
- Custom markup symbol libraries (located in the <AutoVue Install Folder>\avwin\Symbols directory)
- Thumbnails cache, if any (located in the <AutoVue Install Folder>\avwin\folders directory

If you decide to move these settings/content forward to your new installation of AutoVue, they can for the most part be copied to the same relative locations in your new installation. However, for the AutoVue settings in avwin.ini, it is best to manually copy the specific settings that you would like to keep, as the newer version of AutoVue may have important new settings.

Installing AutoVue

To install Oracle AutoVue, download the Oracle AutoVue Media Pack and extracts its contents. Run avsetup.exe located in the AutoVueDesktopVersion folder. Follow on-screen instructions. Refer to the *Installation and Administration Manual* for detailed instructions.

Conversion Enhancements

Updated the Conversion to PDF feature. When converting a file to PDF, Markups are now included as graphical elements in the PDF instead of being added as annotations to the PDF. If you wish to revert to the old behavior (convert to PDF annotations), set INI option CONVERTPDFTHROUGHPRINTING to 0.

MCAD Formats

- Added support for Pro/Engineer WildFire 5 and WildFire 4
- Added support for Unigraphics NX6
- Added support for Solid Edge ST and ST2
- Added support for Autodesk Inventor 2010, 2009
- Added support for Cocreate Modeler versions 2008 (16.XX)
- Added support for Revit 2010 (through exchange format)
- Added support for Solidworks 2010 and 2009
- Added support for CATIA 5 R19
- Re-introduced support for DirectModel (JT) versions 8.1, 8, 7, and 6.4
- Added support for Unicode file names
- Added support for Chamfer, Bend Notes, and Revision tags for Autodesk Inventor drawings
- Added support for one-symbol diameter dimensions for CATIA 5 drawings
- Added support for Parasolids version 22.0, 21.0, 20.0 and 19.1
- Added support for STL assemblies
- General enhancements for CATIA 4
    - Performance improvements for CATIA 4
    - Added support for PMIs
    - Improved support for text display (alignment, orientation, and positioning)
    - Improved support for text frames
- Consolidated CATIA 5 INI options CATIA5ShowPMI and CATIA5ShowPMIWithMesh into a single INI option: CATIALOADPMI
    See "New INI File Settings" on page 9
- Added support for project-related attributes for IFC
- General bug fixes for:
    - Pro/Engineer
    - Unigraphics
    - CATIA 4
    - CATIA 5
    - SolidWorks
    - SolidEdge
    - Autodesk Inventor
    - Directmodel (JT)
    - IFC
    - STEP

AEC Formats

- Added support for Smartsketch version 2009

- Added support for Cocreate Drafting 2008 (16.XX)
- Added support for AutoCAD/Autodesk Mechanical Desktop version 2010, 2009
- Added support for AutoCAD 2010
- Added support for MicroStation 8i
- Added support for DWF 3D
- Performance improvement for Microstation 8 3D and Microstation 7 3D
- Added support for hyperlinks associated with WebCGM drawings
- Enhanced parts display in block lists to match the order and representation of Cocreate drafting
- Added new INI option ACADDEFAULTSHAPEFONT to allow users to specify default shape font for AutoCAD drawings
  See "New INI File Settings" on page 9
- Added support for user-defined bigfont code-page for AutoCAD. Bigfont information should be added to [BIGFONTCODEPAGES] section of acadfont.map which is located in <install folder>\avwin directory. Bigfont code page mapping is only needed for AutoCAD versions 2007 and up. For more information on mapping, refer to the instructions provided in acadfont.map.
- Improved support for non-English text in AutoCAD
- Improved display of dimensions in Microstation 8
- General bug fixes for:
  - AutoCAD
  - MicroStation
  - Cocreate Drafting
  - Autodesk DWF
  - CGM
  - HPGL
  - Shapefile

EDA Formats

- Added support for Allegro PCB Layouts versions 16.3, 16.2, and 16.0
- Added support for Allegro Design Entry HDL 16.3, 16.2, and 16.0
- Added support for Altium Designer versions 6.6, 6.7, 6.8 and 6.9, Summer 2008, Winter 2009, and Summer 2009
- Added support for Zuken Cadstar versions 10.00 and 11.00
- Added support for P-CAD 2006
- Added support for locating external reference files for non-archived Allegro projects, DxDesigner, Expedition, ODB++ and Mentor BoardStation files. There is now no need to specify XRefs path if the resources are located at the base file path.
- Added support for OrCAD Layout and Capture version 16.2
- Reintroduced support for GDS-II
- General bug fixes for:
  - Allegro PCB Layouts
  - Allegro Design Entity HDL
  - P-CAD
  - DxDesigner
  - Expedition
  - Mentor BoardStation

Office Formats

- Added support for Adobe Acrobat PDF 9.0
- Added support for PowerPoint 2007
- Added support for text and shape hyperlinks for PowerPoint files

- Added support for Smart Art for PowerPoint XML
- Improved support for Word:
  - Added support for default Asian line spacing.
  - Added support for search, copy, and paste.
  - Added support for auto-numbering.
- Improved chart support for Excel
- Improved support for PDF transparency and soft masks.
- General bug fixes for:
  - Adobe Acrobat PDF
  - Powerpoint
  - Word
  - Excel
  - RTF

Raster Formats

- Re-introduced support for JEDMICS

Archive Formats

- Added support for TAR and GZIP formats

Documentation

The following documents have been updated in 20.0.0:

- *Installation and Administration Manual*
- *User's Manual*
- *Acknowledgments*
- *Supported File Formats*
- *Product Limitations*
- *Release Notes*
- *VCET API Manual*
- *Markup Control API Manual*
- *Product Variations - Feature Matrix*
- *ActiveX - Feature Matrix*

Formats Desupported in AutoVue 20.0.0

- Support for IGES 3D has been removed from AutoVue 20.0.0. Customers who work with this format are encouraged to remain with their AutoVue 19.3.x version and not update to 20.0.0. Customers will be notified when support for IGES 3D has been re-introduced.
- Removed support for LHA archive format

Features Desupported in AutoVue 20.0.0

- Removed support for the following INI options:
  - USEEXCHANGE
  - ME10FORCE19.1MARKUPCOMPATIBILITY
  - DNGPLOTTERDRIVER
  - DGNUSEPLOTTERSETTINGS
  - DGN8LSTYLERSC
  - PDFDPIRESOLUTION
  - PDFCACHELEVEL
  - CATIA5SHOWPMIWITHME
  - CATIA5SHOWPMI
  - FIXPRINTING
- In Markup mode, it is not possible to anchor a text box to another markup entity.
- The INI option TRA_NAME that can be used to set the locale for the AutoVue GUI has been disabled. A new INI option called GUILOCALE has been created to enable users to specify AutoVue GUI locale. See section "New INI File Settings" on page 9.

INI Options Updated in AutoVue 20.0.0

- ANTIALIAS
- CONTRAST
- VISIOPAGEBKCOLOR
- 3DPERFORMANCEPREFERENCE
- DGN_FAST3D

Refer to the *Installation and Administration Manual* for information regarding these options.

New INI File Settings

General Options

Configure options that apply to parameters such as fonts, performance, and color

[Options]

Parameter	Description	Default
CONVERTPDFTHROUGHPRINTING = <0|1>	Specifies whether markups should be included as graphical elements in the PDF or added as annotations to the PDF. Set to **1** to add as graphical elements. Set to **0** to convert to PDF annotations.	1
GUILOCALE = [en|fr|de|ja|ko|tw|zh]	Specifies the locale to use for the AutoVue GUI. **Note:** If no locale is set, AutoVue automatically detects the machine's OS and sets the GUI to the specified locale. **Options:** en: English fr: French de: German ja: Japanese ko: Korean tw:Traditional Chinese zh: Simplified Chinese	

REPLACEMENTFONTS=*font1;font2;...;fontn*	Specifies a list of replacement TrueType fonts to use when required TrueType fonts do not have the required glyphs. This option applies to all 2D vector formats containing non-English TrueType text. Specify a semicolon (;) separated list of font face names.	
PRESERVE2DMOUSETOOL=[<0 1]	If set to 1, it preservers mouse status when switching between 2D documents.	0

Markup Options

Configure a variety of Markup options such as symbol for markup dimensions.

[Markup Options]

Parameter	Description	Default
TRUEBACKGROUND= <0|1>	Used when a highlight markup is applied on a colored background (for example, graphic/filled cell areas in office document tables). Set to **1** for a dithered highlight markup. Set to **0** for a normal highlight markup.	0

Overlay Options

Configure Overlay options that apply to laying files over the current active document.

[Options]

Parameter	Description	Default
CONVERTWMFTOEMF = <0|1|2>	Specifies if the WMF should be converted to EMF. This is option is useful when troubleshooting display issues with WMF. Set to **0** to disable conversion of WMF to EMF. Set to **1** to convert WMF overlays to EMF. Set this value if enhanced functionality such as rotate and mirroring is required. Set to **2** use default behavior of the format handler.	2

Text Options

Configure options for text files.

[Options]

Parameter	Description	Default
MAXPLAINTEXTPAGES = *num*	Sets the maximum number of plain pages to be loaded. The option only affects unformatted text; other types of documents (Word, RTF, and so on) are not affected. **Note:** Setting the option value to 0 or less results in the entire file loading.	1000

Acrobat PDF Options

Configure options for Adobe PDF files.

[Options]

Parameter	Description	Default
PDFENHANCELINES	If set to **1**, this option results in enhanced line display similar to the Adobe Acrobat option Enhance Thick Lines. This option is useful for cases when lines start to disappear in the AutoVue display when zooming out. If set to **0**, this option is disabled and the line display is not enhanced.	0
PDFMAXIMAGESIZEMB = <val>	Allows users to set the maximum image sizelimit (in Mbytes) of large bitmaps in PDF files after which the PDF decoder starts reducing resolution to reduce memory use.	150

ActiveX Options

Configure parameters for ActiveX options in avx.ini.

[Options]

Parameter	Description	Default
ASKTOSAVEREDLIN E = <0|1>	Specifies whether to show the markup save dialog for a Markup file when a user exits Markup mode. If set to **0**, the user is not prompted to save the markups when exiting Markup mode. If set to **1**, the user is prompted to save the markups.	1
ONLYONEREDLINEFI LE = <0|1>	Set to **1** to only allow users to create a single markup file. Se to **0** to remove markup file create limitation.	0

AutoCAD Options

Configure options for AutoCAD drawings.

[Options]

Parameter	Description	Default
ACADDEFAULTSHAPEFONT	Specifies the default shape font filename that should be used if the desired shape font file and an equivalent AutoVue font cannot be found. You can specify a full file path or just the file name. The decoder searches for the font file name in the file path (if provided), the base file folder, XFONTPATHS, and the fonts directory of the installation.	
SHOWNONRECTVIEWPORTS = <0|1>	In AutoCAD it is possible to create non-rectangular viewports. When a file has non-rectangular viewports, it may take AutoVue longer to display the drawing. Set to **1** to display non-rectangular viewports. Set to **0** to disable display of non-rectangular viewports and improve performance. Note that the accuracy of the display will be compromised. **Note:** This options applies to AutoCAD 2000 and up files.	1

February 28, 2011

Cadence Options

Configure options for Candence Concept HDL file.

[ECAD]

Parameter	Description	Default
CADENCE_CALLOUTS FILE = \<file path\>	Specifies the full path to a callouts file. The callouts file is used to create abstract mechanical part entities for the design	

CATIA Options

Configure options for CATIA 4 and 5 files.

[Options]

Parameter	Description	Default
CATIALOADPMI = \<0|1\>	Set to **1** to enable displaying of PMIs. Set to **0** to disable displaying of PMIs.	1

CSI Shapefile Project Files

CSI shapefile project files (CSHP files) are used to overlay multiple ESRI shapefile drawings. Project files specify the shapefiles that should be overlayed and general information such as units and point options. Project files are formatted as standard INI configuration settings files. Comments in CSHP files begin with a semi-colon(;).

Note: A CSI shapefile project file must begin with the following line: **;CSI shapefile project file**

[PROJECTPROPERTIES]

Parameter	Description	Default
UNITS	Specifies the file units. Possible values: • px • inches • millimeters • mm • twips • centimeters • cm • decimeters • dm • meters • m • kilometers • km • feet • yards • miles • millimeters • micromiles • microns • microinches	

POINTTYPE	Specifies what shape to use when drawing a point. Possible values: • Circle • Triangle • Square • Star • Dot • Plus • Cross • Diamond • Custom	Custom
POINTSIZE=*int*	Specifies what size to use when drawing a point. You can assign *int* any integer greater than 0.	7

[LAYERS]

Parameter	Description	Default
OUTLINECOLOR=*int*	Specifies the color to use when drawing outlines for graphics such as points, lines, polygons, and so on. Possible integer range: [-1, 255] Set to OUTLINECOLOR=-1 so that an internal counter is used to determine the color. The counter is incremented a maximum of two times per layer and only if it is required: once for the outline color (if it is not provided) and once for the fill color (if it is not provided). **Example:** If a user provides valid outline and fill colors, the counter is not incremented for the given layer. However, if the user only provides a valid outline color, the counter increments once for the given layer.	-1
FILLCOLOR=*int*	Specifies the color to use when the drawing fills for graphic (such as polygons). Possible integer range = [-1, 255] Set to FILLCOLOR=-1 so that an internal counter is used to determine the color. The counter is incremented a maximum of two times per layer and only if it is required: once for the outline color (if it is not provided) and once for the fill color (if it is not provided). **Example:** If a user provides valid outline and fill colors, the counter is not incremented for the given layer. However, if the user only provides a valid outline color, the counter increments once for the given layer.	-1
LINEWIDTH=*int*	Specifies the line width to used when drawing graphics. Possible integer range: [0,100]	0
VISIBLE=<0|1>	Specifies the visibility of the shapefile. Set to **1** to make the shapefile visible when initially loading the CSI shapefile project. Set to **0** to make the shapefile invisible when initially loading the CSI shapefile project.	1

POINTTYPE	Specifies what shape to use when drawing a point.	Custom
	Note: If a POINTTYPE is not provided for the a given [LAYER] section, then the POINTTYPE provided in [PROJECTPROPERTIES] section is used.	
	Possible values: • Circle • Triangle • Square • Star • Dot • Plus • Cross • Diamond • Custom	
POINTSIZE	Specifies what size to use when drawing a point.	7
	Note: If a POINTSIZE is not provided for the a given [LAYER] section, then the POINTSIZE provided in [PROJECTPROPERTIES] section is used. You can assign *num* any integer greater than 0.	
FILENAME= *file path*	Specifies the name of the ESRI shapefile drawing.	

ECAD Options

Specify configuration options for ECAD.

[ECAD]

ECAD_3D_CUTOUTDRILLHOLE S = <0|1>	Specifies whether to cut drill holes out of the 3D model of the board. Set to **1** to cut out drill holes. Set to **0** to disable drill holes. **Note:** Setting this option to 1 increases the amount of memory required to load the 3D model. Also, for DMU purposes, this option should be set to 1 to correctly check for interference for parts that go through the drill holes.	0
ECAD_SHOW_NATIVE_HIGHLI GHTS = <0|1>	Specifies whether AutoVue should display a file's native highlighting. Set to **0** so that the native highlighting in the file is ignored during display. Set to **1** so that the native highlighting in the file is applied during display.	1

Excel Options

Configure options for Excel files.

[Options]

USESMALLFONTSFOREXCELS MALLTEXT = <0|1>	Set to **1** so that the Excel Small Fonts font is used to display text at small fonts sizes of 7 points or less (matching Excel behavior). Set to **0** so that the Small Fonts font is not used. **Note:** This parameter has effect only if the Small Fonts font is installed on the system (it usually comes with Excel).	0

Gerber Options

Configure options for Gerber files.

[Gerber Format]

ENDOFCOMMAND = <ASTERISK | DOLLAR | ENDOFLINE | AUTODETECT>	Specifies the end of command character if known. If end of command character is not known, ENDOFCOMMAND can be set to AUTODETECT mode. Available values: **ASTERISK**: End of command is * **DOLLAR**: End of command is $ **ENDOFLINE**: End of command is the end of the line. **AUTODETECT**: AutoVue automatically detects the end of command character.	AUTODE TECT
MULTIQUADRANT_ARCS_BY_ DEFAULT = <0|1>	Specifies whether the default circular interpolation is multi-quadrant or single-quadrant. Set to **0** so that the circular interpolation is single-quadrant. Set to **1** so that the circular interpolation is multi-quadrant.	0

DirectModel (JT) Options

Configure options for JT files.

[Options]

Parameter	Description	Default
JTRESOLUTION = <HI | MED | LO>	When available, enables users to load the model's high, medium, and low resolution meshes. **Note:** It is recommended to reduce the model's resolution mesh to LO if loading large complex assemblies degrades performance or utilizes significantly high memory resources.	HI

MicroStation Options

Configure options for MicroStation files.

[Options]

DGNDISABLEZCLIP = <0|1>	Specifies whether to take the z-axis into consideration when applying a clip region (a cut-out region) to a 2D drawing. Set to **1** if the contents of the clipped image should not be restricted based on the z-coordinate of individual objects. Set to **0** if the contents of the clipped image should be restricted based on the z-coordinate of individual objects. **Note:** This option only applies to 2D drawings; it is not considered when loading a 3D model. **Note:** Option applies to Microstation 7 files.	0
DGNSHOWZEROLENGTHLI NES = <0|1>	Set to **1** to display zero-length lines as fixed-sized filled squares. Set to **0** to ignore zero-length lines. **Note:** Option applies to Microstation 7 files.	0

February 28, 2011

DGNLSTYLEDASHDOT = <description>,<number of patterns>,<pattern1>,<pattern2 >,... ,<pattern6>	Defines up to seven line styles (indexed from 1 to 7). Each line style, separated by a comma, can include up to six patterns. Each line style must be preceded by a description and a number specifying the number of patterns for the style.
	Example: DGNSTYLEDASHDOT = style1,5,-1,1,0,-1,2,style2,3,2,-2,-2
	In this example, two line styles (index 1 and index 2) are defined. the line styles provided by this parameter replaces the default seven standard styles. A line that uses style index that has not been provided is displayed as a solid line (for example, a line with style3 when only two styles have been defined).

SolidWorks Options

Configure the option for SolidWorks files.

[Options]

SWSHOWVIEWPORTBORDER	Set to **1** to view the border (bounding box) of 2D views in a SolidWorks drawing. Set to **0** so that no border is drawn.	0

AutoVue 19.3: July 20, 2008

Packaging

- Renamed AutoVue Desktop Edition to AutoVue Desktop Version.
- Renamed AutoVue Web Edition to AutoVue Web Version.
- Added support for offline collaboration via the AutoVue Mobile product.
  Refer to **"AutoVue Mobile" on page 18** for more information.
- If you have a network installation of AutoVue Desktop Version (i.e., accessing AutoVue Desktop Version over the network), you must install the Microsoft Visual C++ 2005 SP1 Redistributable Package on each of the machines accessing AutoVue over the network.
  http://www.microsoft.com/downloads/details.aspx?familyid=200b2fd9-ae1a-4a14-984d-389c36f85647&displaylang=en

System Requirements

- Microsoft Windows 2003 32-bit, Windows XP 32-bit, or Vista 32-bit.
- A hard disk with at least 400 MB of hard disk space.

  Note: The memory requirement is dependent on the size and complexity of files you try to view with AutoVue.

Installation

If you have an older version of AutoVue installed on your computer, we recommend that you uninstall it before proceeding with the new installation.

Before uninstalling your previous version of AutoVue, make sure to save a backup copy of any specific settings and content that you would like to push forward into your new version. This can include the following:

- AutoVue settings from the "avwin.ini" file (located in the C:\windows directory by default)
- Custom translation .tra files (located in the \avwin directory of your AutoVue installation)
- Custom markup symbol libraries (located in the \avwin\Symbols directory of your AutoVue installation)
- Thumbnails Cache, if any (located in the \avwin\Folders directory of your AutoVue installation)

If you decide to move these settings/content forward to your new installation of AutoVue, they can for the most part be copied to the same relative locations in your new installation. However, for the AutoVue settings in "avwin.ini", it is best to manually copy the specific settings that you would like to keep, as the newer version of AutoVue may have important new settings.

If you obtained AutoVue from the download site, extract the contents of the zip file and run avsetup.exe. If you obtained the CD for AutoVue, run avsetup.exe that is in the win32 folder.

Follow on-screen instructions to complete the installation.

Functionality Enhancements

- Developed a new streamlined user interface for AutoVue:
  - Redesigned icons
  - Rearranged menu items based on usability studies
  - Added support for multiple look and feel schemes. See ini option GUILOOK in section **"New INI File Settings" on page 24.**
- Renamed Cimmetry Metafile to AutoVue Streaming File.
- Added support for streaming file for the Desktop Version. Streaming file is a file format that is developed by Oracle that helps accelerate the display of large or complex designs and ensures optimized performance and

February 28, 2011

high-speed data delivery. Streaming file speeds up subsequent loads of the file.
This is disabled by default. Go to the Configure dialog to enable creation of streaming files.
- Enhanced 3D look and feel. See**"MCAD Functionality" on page 18** for more on 3D look and feel and other 3D enhancements.
- Enhanced Markup functionality. Added filtering of markup tree, added text box entity. See **"Markup Functionality" on page 19**.

AutoVue Mobile

Developed AutoVue Mobile to enable viewing and marking up of design documents in a disconnected mode. AutoVue Mobile also enables you to share design documents and markups with your partners or suppliers that do not have access to your backend systems.

Using AutoVue Web Version, you can create a Mobile Pack for a file from your backend DMS/ERP/PLM/UCM system. Once the Mobile Pack is created, you can provide it to your suppliers/partners or you can access the file from a disconnected environment. You can use AutoVue Desktop Version in order to view and markup the file in the Mobile Pack when there is no access to the Web Version. If you added markups to the Mobile Pack, you can update your backend system with the markups from the Mobile Pack using AutoVue Web Version.

When creating a Mobile Pack, you can include the base file, all the external resources (fonts, xrefs) needed to fully display the file and associated markups in the Mobile Pack. You can choose to include the streaming file instead of the base file. You can also include PDF or TIFF renditions in addition to the base/streaming file when creating the Mobile Pack. You can also create policies to govern whether or not users that access the Mobile Pack can create new markups, modify existing markups or delete markups.

Once a Mobile pack is created, you can view the drawing and markups by viewing the Mobile Pack. You can create new markups or consolidate existing markups into one markup or create a master markup that loads automatically when you view the Mobile Pack.

When you have access to your DMS/ERP/PLM/UCM system, you can update all the markups from the Mobile Pack into the backend system. These markups will be imported into the system and will be associated with the base file from which you originally created the Mobile Pack.

Refer to the AutoVue user guide for more information regarding creating, opening and working with Mobile Packs.

Note: Creating a Mobile Pack from a DMS/ERP/PLM/UCM system and updating your backend system from a Mobile Pack are only supported with the Web Version and require the AutoVue Mobile product installed with the Web Version.

Note: Defining markup policy is only supported with the Web Version. However, defined markup policies are valid when you are marking up a Mobile Pack using the Desktop Version.

MCAD Functionality

- Enhanced the look and feel of the 3D workspace:
  - Added a second light profile with 2 positional light sources.
  - Added support for gradient background for 3D workspace. (Gradient background can be set from the Configure dialog box)
  - Added support for adding image background for 3D workspace. (Image background can be set from the Configure dialog box)
  - Improved 3D Axes look.
  - Added reflective and reflective wire rendering modes to give 3D models a metallic look.
- Added support for missing XRefs notification in the model tree. See **"MCAD Formats" on page 19** to identify the formats that use this functionality.

- Added support for file properties on model tree nodes. This is displayed as another tab in the Entity properties dialog. See **"MCAD Formats" on page 19** to identify the formats that use this functionality.
- Added support for PMI captures, views, reference geometries and hyperlinks for some MCAD formats. See **"MCAD Formats" on page 19** to identify the formats that have support for these entities.

Markup Functionality

- Replaced the text entity with a text box entity with ability to draw a box and type text directly in the box. Text automatically wraps around when text box width is reached. Text box height is automatically set to the height of the contained text.
  Added option to set box visibility off from the Markup Entity Properties dialog box.
- Enhanced the leader entity. A text box is created when a leader is created and text can be typed directly in the text box. Text automatically wraps around when text box width is reached. Text box height is automatically set to the height of the contained text. Added ability to set box visibility off (from Markup Entity Properties dialog box). Added alignment options to the leader entity. Leader text can be aligned w.r.t. the leader polyline. Alignment options are available in the Markup Entity Properties dialog box.
- Added support for file attachment markup entity. Users can now add attachments to markup files.
- Added support for signoff entity for 3D drawings.
- Added numbering for note entities. Note entities created are automatically numbered sequentially. If you wish to disable automatic numbering, set INI option **NOTENAME_AUTOGEN** to 0.
  See "New INI File Settings" on page 24
- Added support for filtering markup entities. Entities can be filtered by author, page, entity type, layer or modification date.
- Moved markup list (markup tree) to the bottom of the workspace. Added ability to move the markup tree by drag and drop action.
- Disabled markups for office formats by default.
  Office formats render differently on different machines if the fonts on the machines vary. Due to differences in fonts, documents may have line breaks and page breaks that vary from one machine to another. This could result in a situation where markup entities appear misplaced w.r.t underlying text in documents. If you would like to re-enable markup creation for office formats, we recommend that you ensure that all machines viewing the office formats have the same fonts installed.
  To enable, set INI option **EnableOfficeMarkups** to 1.
  See "New INI File Settings" on page 24
- Removed the OLE markup entity from the Desktop Version. Added INI option **EnableOLEEntity** to re-enable OLE markup entity.
  See "New INI File Settings" on page 24

MCAD Formats

- CATIA 5:
  - Added support for CATIA 5 R18
  - Added support for CATIA 5 R17 SP5/SP6
  - Added support for PostScript fonts for CATIA 5 Drawings
  - Added notification for missing XREFs to the model tree
  - Added support for file properties on the model tree nodes
  - PMI Enhancements
    - Added support for Captures
    - Added support for Views
    - Added support for Reference Geometries
    - Added support for PMI external hyperlinks
  - Added support for Raster Fill patterns for CATIA 5 Drawings
  - Added font substitution for missing native fonts

- Improved model tree display – more accurate name and hierarchy display
- CATIA 4:
  - Added notification for missing XREFs to the model tree
  - Added font substitution for missing native fonts
- Unigraphics
  - Added support for Unigraphics NX5
  - Added notification for missing XREFs to the model tree
  - Added support for file properties on the model tree nodes
  - Added font substitution for missing native fonts.
- SolidDesigner
  - Added support SolidDesigner 2007 (versions 15.00, 15.00A, 15.00B, 15.50, 15.50A)
  - Added notification for missing XREFs to the model tree
  - Added support for file properties on the model tree nodes
- Parasolids
  - Added support for versions 19.0 and 18.1
- Autodesk Inventor
  - Added notification for missing XREFs to the model tree
  - Added support for file properties on the model tree nodes
  - Improved parsing of Inventor files
- SolidWorks
  - Added support for SolidWorks version 2008
  - Added notification for missing XREFs to the model tree
  - Added support for file properties on the model tree nodes
  - Removed support for INI option SWSYMBOLFILE. Location to the symbol file can now be specified using the font path (XFONTPATHS ini option).
- SolidEdge
  - Added support for SolidEdge version 20
- IGES
  - Added notification for missing XREFs to the model tree
  - Added support for file properties on the model tree nodes
- Pro/ENGINEER
  - Added notification for missing XREFs to the model tree
  - Added support for file properties on the model tree nodes
  - Added font substitution for missing native fonts
  - Added support for PMI external hyperlinks
  - Added support for Hyperlinks in 2D files (for files saved with no display lists)
- STEP
  - Added support for XREFs for STEP Assemblies
  - Improved handling of large models
  - Added notification for missing XREFs to the model tree
  - Added support for file properties on the model tree nodes
- Maintenance and bug fixes for the following formats:
  - ACIS
  - CATIA 4
  - CATIA 5
  - Autodesk Inventor
  - SolidEdge
  - SolidDesigner
  - SolidWorks
  - Pro/ENGINEER

February 28, 2011

- IGES
- STEP
- Unigraphics

AEC Formats

- Added support for IFC format.
- Added support for AutoCAD version 2009 files
- Added support for the following new features for AutoCAD version 2008 files:
  - MicroStation 8 underlays in AutoCAD drawings
  - Paragraph-based text formatting
- Added support for Mechanical Desktop version 2008
- Added support for ME10 (Onespace Designer Drafting) 2007 (versions 15.00A, 15.00B, 15.50, 15.50A)
- Added drawing (entity) information support for AutoCAD 2008
- Added support for TTF fonts for ME10 files
- Added support for SmartSketch version 2007
- Added font substitution for missing native fonts for the following formats:
  - AutoCAD
  - MicroStation 7 and 8
  - ME10/OnceSpace Designer
- Maintenance and bug fixes for the following formats:
  - AutoCAD
  - MicroStation
  - HPGL
  - ME10
  - Autodesk DWF

EDA Formats

- Added support for Zuken Cadstar version 9.0
- Added support for PADS version 2007
- Added support for OrCAD Layout and Schematics version 16
- Added support for Occurrence Attributes (OATs) for DxDesigner
- Added INI option ECAD_LOAD_3D_PAGE to enable/disable loading of 3D pages for EDA formats that contain 3D pages.
  - ***See "New INI File Settings" on page 24***
- Improved performance for Allegro Layouts
- Added font substitution for missing native fonts for the following formats:
  - Altium Designer (Protel)
  - OrCAD Layout
  - Cadence Allegro
  - Cadence Allegro IPF
  - Mentor BoardStation
  - Mentor PADS
  - Zuken CADSTAR
  - P-CAD
  - PDIF
- Maintenance and bug fixes for the following formats:
  - Cadence Allegro
  - Zuken CADIF
  - DxDesigner

- Expedition
- IDF
- Mentor BoardStation
- ODB++
- OrCAD
- Protel (Altium Designer)
- Specctra
- Zuken CadStar

Office Formats

- Added support for Word version 2007
- Added support for Excel version 2007
- Added support for Visio version 2007
- Added support for vertical text for Word
- Added support for external font mapping for the following formats:
  - Word
  - RTF
  See docfont.map that is at <AutoVue Installation Directory>\avwin\fonts.
- Added support for grouped shapes for the following formats:
  - Excel
  - PowerPoint
- Added new option **OutlookLinkFlag** for Microsoft Outlook formats to disable hyperlinks or attachments or both.
  See "New INI File Settings" on page 24

General

- Enabled interface for customized resource resolution DLL to give integrators more flexibility to locate external resources. Sample source code and DLL is located in the integrat\VisualC\reslocate directory.
- Added INI option ResLocateDll to enable the custom resource resolution DLL.
  See "New INI File Settings" on page 24.
- Added new INI options to the ActiveX control to control visibility of the layers and blocks dialog boxes. See descriptions for Layers and Blocks in **"New INI File Settings" on page 24.** Options should be set in ActiveX's INI file (default: avx.ini).
- Consolidated all Service Pack releases for 19.2 into this 19.3 release.

Documentation

A document for performance-related ini options, PerformanceRecommendations.pdf, is included. This document provides some guidelines that can help improve file load and manipulation performance. It is located in <AutoVue Installation Directory>\docs.

Formats Desupported in AutoVue 19.3

Due to low customer demand, Oracle AutoVue has dropped support for some file formats. This allows Oracle AutoVue to on formats that matter most in our key markets. Below is the list of file formats that are de-supported in release 19.3:

- CAD & Vector-based Engineering Formats
  - Anvil

- CALCOMP
- Generic CADD
- STEP KOSDIC
- VDA-FS
- Electronic Design (EDA) Formats
  - Cadence Allegro Extract
  - GenCam
  - Mentor Neutral
  - GDS II
- Raster-based Engineering Formats
  - EDMICS
  - GTX
  - Hitachi
  - JEDMICS
- Vector Graphics formats
  - Corel Presentation Exchange
  - Lotus PIC file image
  - SVG
  - WordPerfect Graphics
- Hybrid Engineering Formats
  - GTX
- Raster & Bitmap Formats
  - AMIGA
  - CorelDraw! Bitmap Preview
  - CUT Raster
  - Databeam
  - GEN IMG Bitmap
  - MAC
  - SUN Raster
  - WordPerfect Graphics Bitmap
- FAX Formats
  - Brooktrout
  - Everfax
  - Frecom
  - Fujitso
  - Gamma
  - Generic-Fax
  - Hybrid J-T
  - Intel
  - Net-Fax
  - Product R&D Fax Modem
  - Raw Group III
  - Relisys
  - Ricoh
  - SciFax
  - SmartFax
  - Trigem
  - WinFax Pro
  - Worldport
- Word processor Formats

- Amipro Document
- Amipro Style Sheet
- Microsoft Write
- Word for DOS
- WordPerfect
- WordStar
- Database Formats
  - Access
  - Database Express
  - FOX/Dbase
- Spreadsheet Formats
  - Lotus 1-2-3
  - Lotus symphony
  - Quattro
  - Quattro Pro for DOS
  - Quattro Pro for Windows
  - Symphony

Features Desupported in AutoVue 19.3

- Removed support for the following INI options for Adobe PDF documents:
  - OverridePDFPrintSecurity
  - SHOWPDFIMAGESINTRUECOLOR
- Nesting of a text markup entity with another markup entity is no longer supported

New INI File Settings

[ECAD]

Parameter	Description	Default
ECAD_LOAD_3D_PAGE	Enable or disable display of 3D models of EDA files. Set to 0 to disable display of 3D model. This will result in improvements in file load performance. Set to 1 to enable display of 3D model. Option applies to the following PCB formats: • Zuken CADSTAR • Cadence Specctra • Altium Designer (Protel) • OrCAD Layout • ODB++ • Mentor BoardStation • IDF • Mentor Expedition • Zuken CADIF • Cadence Allegro **Syntax:** **[ECAD]** ECAD_LOAD_3D_PAGE=<1/0>	1

[Options]

Parameter	Description	Default
GUILOOK	Option supports different look and schemes for the AutoVue GUI (toolbars, menus, buttons and icons). **Syntax:** **[Options]** GUILOOK=<2000/2003/2005/XP> For example, when GUILOOK=2000, the look and feel of AutoVue matches the Windows 2000 theme.	2005
3DPerformancePreference=<0|1>	This option orients the optimization in the product towards speed or memory. If set to **1,** the optimization is assigned to the speed performance. If set to **0,** the optimization is assigned to memory usage. This option impacts only the loading process of EDA-3D and CATIA 4, CATIA 5, Pro/ENGINEER, Autodesk Inventor, SolidDesigner, Mechanical Desktop, ACIS, IGES and STEP 3D models.	1
EnableOfficeMarkups	Enable/disable creation of markups for office documents. Set to 1 to enable markups for office formats. Set to 0 to disable markups for office formats. **Syntax:** **[Options]** EnableOfficeMarkups=<0/1>	0
DEFAULTFILEUNITS	Specify the unit to use if native file does not contain units information. **Syntax:** **[Options]** DEFAULTFILEUNITS=<1/2/4/5/7/8/9/10/11/12/13/14/15> where 1 - inches 2 - millimeters 4 - twips 5 - centimeters 7 - meters 8 - kilometers 9 - feet 10 - yards 11 - miles 12 - mils 13 - miles/10 14 - microns 15 - microinches	1

Parameter	Description	Default
FastPMIRendering=<0|1>	This option affects the rendering of PMI Text. If set to **1**, the rendering time of the PMI Text is decreased. The quality of the small text will be degraded since it is rendered just as box or line made on the contour of the text. As a result, performance is improved. When you zoom in, entities will be rendered completely. If set to **0**, the rendering time remains the same. **Syntax:** **[Options]** FASTPMIRENDERING=<0/1>	1
ResetRotateandFlip	This option allows the user to choose rotation and flip settings when viewing files. **Syntax:** **[Options]** ResetRotateAndFlip=<0/1> **1 -** render file with no rotation and no flipping. If native file itself is rotated or flipped, native file settings take precedence and file is rendered with saved rotation/flip. **0 -** render file with the rotation and flip settings defined in AutoVue GUI or in AutoVue INI file.	1
ACAD_PENSETTINGSAFFE CTLINEWIDTH	Option is for AutoCAD drawings. When set to 0, pen settings do not affect non-zero constant width polylines. When set to 1, pen settings affect non-zero constant width polylines.	0
CustomDocFontSubstitution	Specify the path of the font mapping file (docfont.map) to use for word documents. **Syntax:** **[Options]** CustomDocFontSubstitution=<path> The docfont.map contains font mapping information that identifies what font to use if a font is missing. If you wish to modify font mappings, update docfont.map	docfont.map in avwin\fonts
OutlookLinkFlag	Enable or disable hyperlinks or attachments in Outlook MSG files. 0 – Hyperlink on, Attachment on 1 – Hyperlink on, Attachment off 2 – Hyperlink off, Attachment on 3 – Hyperlink off, Attachment off **Syntax:** **[Options]** OutlookLinkFlag=<0/1/2/3>	0
DownloadWebResources	Enable or Disable download of images and other web images when viewing Outlook MSG files. **Syntax:** **[Options]** DownloadWebResources=<0/1>	1

March 04, 2011

Parameter	Description	Default
STEPHideCG	Set to 1 to hide all construction geometry in the STEP file. **Syntax:** **[Options]** STEPHideCG=<0/1>	0
STEPFacePositiveColor	Option applies to STEP files. When set to 1, AutoVue uses either the color for ".BOTH" sides of the face if it is set or the color of the "positive" face side if it is set. When set to 0, AutoVue uses either the color for ".BOTH" sides of the face if it is set or selects the "positive" or "negative" face side color depending on the face sense. **Syntax:** **[Options]** STEPFacePositiveColor=<0/1>	0
IFCCOLORS	Specify group element colors for IFC files. **Syntax:** **[Options]** IFCCOLORS=GROUP_ELEMENT_NAME(r,g,b) or IFCCOLORS=GROUP_ELEMENT_NAME(color_name) where GROUP_ELEMENT_NAME is the name of the group element. For example DOORS, WINDOWS, WALLS (r,g,b) is the RGB value for the color color_name is the string representing the color All color definitions should be on the same line and should be separated by spaces. For example: IFCCOLORS = WALLS(WHITE) DOORS(GREEN) WINDOWS(BROWN) Special element name OTHERS is used for all elements that are not in the color definition. Special color NONE is used when you want to use the 3D default element color for a group element. IFC pre-defined color extension is defined as below: Color Name (R,G,B) LIGHTCYAN (188,255,255) BROWN (205,91,69) LIGHTYELLOW (255,219,153) CADETBLUE (122,197,205)	IFCCOLORS= WALLSTANDAR DCASES(255,255 ,255) CURTAINWALL S(255,255,255) DOORS(255,219, 153) OTHERS(0,255,2 55) SLABS(205,91,69) WALLS(255,255, 255) WINDOWS(122, 197,205)

Parameter	Description	Default
IFCCOLORS_MODE	Define the mode for default element colors for IFC models. **Syntax:** **[Options]** IFCCOLORS_MODE=<0/1/2/3> where **0 -** Mechanism of default element color is turned off, i.e., colors are set from the file or if color is not specified in the file, the 3D default color specified in AutoVue is used. **1 -** File colors are ignored and only default colors are used. **2 -** Default colors are used only for elements without file-defined colors. **3 -** Default colors are used for elements without file-defined colors and to replace color BLACK.	3
IFCREADProperties	Enable or disable loading of attributes for IFC files. Set to **1** to display all supported entity properties for an IFC file. Set to **0** to display only the default entity properties which are **Display Mode, Name and Visibility**. **Syntax:** **[Options]** IFCREADPROPERTIES=<1/0>	1
IFCLoadInvisibleSpaces	Enable or disable loading of internal spaces boundary geometry. Set to **1** to enable loading of internal spaces boundary geometry. Set to **0** to disable loading of internal spaces boundary geometry. **Syntax:** **[Options]** IFCLoadInvisibleSpaces=<1/0>	1
IFCWINDOW_TRANSPARENCY	Specify the transparency level for windows in IFC files. Value is an integer between 0 (no transparency) and 100 (full transparency). **Syntax:** **[Options]** IFCWINDOW_TRANSPARENCY=55	55

March 04, 2011

Parameter	Description	Default
J2KRESOLUTION	Set to **HIGH** to display with a high resolution. This could cause a decrease in performance. Other values: **LOW**, **MEDIUM**, and **DYNAMIC**. You can also set J2KRESOLUTION values to +**num** or -**num**, where **num** is a number between **1** and **100**. Setting the value to +**num** gives the same result as DYNAMIC but increases the resolution by a factor of num where num is a value from 1 to 100 (up to the maximum possible resolution of the image). Note that this will decrease performance. Setting to -**num** gives the same result as DYNAMIC but decreases the resolution by a factor of num where num is a value from 1 to 100 (down to the lowest possible resolution of the image). Note that this will increase performance. **Syntax:** **[Options]** J2KRESOLUTION=<DYNAMIC | HIGH | MEDIUM | LOW | +num | -num>	DYNAMIC
ProELoadCosmeticWires	Set to 0 to turn off display of cosmetic wires. Set to 1 to enable display of cosmetic wires. **Syntax:** **[Options]** ProELoadCosmeticWires=<0|1>	1
SWWIRECOLORVISIBLE	Specify color to use for drawing solidworks wireframe models for Solidworks drawings. Value should be an integer value specifying the RGB color. **Syntax:** **[Options]** SWWIRECCOLORVISIBLE=0	0 (Black)
TextBitmapRendering=<0|1>	If set to **1,** render small text glyphs using bitmaps. If set to **0,** text is not rendered using bitmaps. **Note:** This option may affect most text in PDF, TrueType text in ME10, and PostScript text in CATIA5.	1
ResLocateDll	Set this to the name of the custom resource resolution DLL with which you have defined your own localization callback. **Syntax:** **[Options]** ResLocateDll=ExampleDLL.dll	empty

February 28, 2011

[Disable]

Parameter	Description	Default
Layers	Set 1 to disable ShowLayersDialog method and layer icon from GUI Set 0 to enable. Option valid for ActiveX only. **Syntax:** **[Disable]** Layers=<0/1>	0
Blocks	Set 1 to disable ShowBlocksDialog method and block icon from GUI. Set 0 to enable. Option valid for ActiveX only. **Syntax:** **[Disable]** Blocks=<0/1>	0

[Markup Options]

Parameter	Description	Default
NOTENAME_AUTOGEN	Set to 0 to disable auto-numbering of note entities Set to 1 to enable auto-numbering. **Syntax:** **[Markup Options]** NOTENAME_AUTOGEN=<0/1>	1
ATTACHMENT_MAX_SIZE	Specify the maximum size for attachment markup entities. When creating attachment markup entities, if attachment size exceeds, an error message appears to indicate that attachment size exceeds the limit. **Syntax:** **[Markup Options]** ATTACHMENT_MAX_SIZE=<value> value is in MegaBytes.	0 (no limit)
EnableOLEEntity	Set to 1 to re-enable OLE markup entity. When set to 1, OLE entity creation is available through the menu **Markups > Add Entity > More > OLE Entity**. OLE markup entity is disabled by default in version 19.3. **Syntax:** **[Markup Options]** EnableOLEEntity=<0/1>	0

March 04, 2011

[Metafiles]

Parameter	Description	Default
Enabled	Set to 1 to enable generation of streaming files. Streaming file format is developed by Oracle AutoVue to improve performance for subsequent loading of files. When enabled, when you open and close a file, AutoVue generates a streaming file. Subsequent rendering of this file reads the streaming file. **Syntax:** **[Metafiles]** Enabled=<0/1>	0
Folder	Specify path to the folder where streaming files will be stored. **Syntax:** **[Metafiles]** Folder=C:\AutoVue\StreamingFiles	None
ControlSize	Specify the size limit for the folder where streaming files will be stored. When set to 0, there is no size limit for the folder. When set to a number, this will be the size limit for the folder in MegaBytes. **Syntax:** **[Metafiles]** ControlSize=512	0
WriteEnabled	Enable/disable the support for streaming file creation. When set to 1, streaming file writing (creation) and reading is allowed. When set to 0, streaming file writing is disabled and streaming file reading is allowed. **Syntax:** **[Metafiles]** WriteEnabled=0	1
WriteEnabledPDF	Enable/disable creation of streaming files for PDF format. When set to 0, streaming file will not be generated for PDF. When set to 1, streaming file will be generated for PDF.	0

[Export Options]

Parameter	Description	Default
EXPORTTESSELLATIONTOL	Control the mesh density when converting to 3D STL. Meshes are more dense if tolerance value is smaller. **Syntax:** **[Export Options]** EXPORTTESSELLATIONTOL=val where val can be 0.01, 0.005, 0.001, 0.0001	0

[AutoVueMobile]

Parameter	Description	Default
FileStreamEncryption	Specify Encryption algorithm for both Markup and Mobile Pack password protection. **Syntax:** **[AutoVueMobile]** FileStreamEncryption=<RC4/3DES>	RC4

March 04, 2011