

## **Oracle AutoVue**

Release Notes

Release 21.0.1

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# Preface

The Oracle AutoVue line of products includes AutoVue for Agile PLM, AutoVue Client/Server Deployment, and AutoVue Desktop Deployment.

For the most up-to-date version of this document, go to the AutoVue Documentation Web site on the Oracle Technology Network (OTN) at <http://www.oracle.com/technetwork/documentation/autovue-091442.html>.

## Audience

This document is intended for administrators and integrators of the Oracle AutoVue products.

## Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

### Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

## Related Documents

For more information, see the following documents in the Oracle AutoVue documentation library on OTN:

- Oracle AutoVue for Agile PLM Installation and Configuration Guide
- Oracle AutoVue Client/Server Deployment Installation and Configuration Guide
- Oracle AutoVue Desktop Deployment Installation and Configuration Guide

## Conventions

The following text conventions are used in this document:

Convention	Meaning
<b>boldface</b>	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
<code>monospace</code>	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

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# About Oracle AutoVue 21.0.1

This chapter includes important information about this release of Oracle AutoVue.

## 1.1 AutoVue Product Line

The Oracle AutoVue line of products includes AutoVue Client/Server Deployment, AutoVue for Agile PLM, and AutoVue Desktop Deployment.

### 1.1.1 AutoVue Client/Server Deployment

AutoVue Client/Server Deployment (CS) has AutoVue installed on a server, to which client machines connect to access and view documents. The Client/Server deployment provides a complete, open and standards-based set of integration tools that allows customers to tie AutoVue to any enterprise applications to provide users with a consistent view of data and business objects and expand workflow automation to document-based processes.

### 1.1.2 AutoVue for Agile PLM

Oracle AutoVue for Agile PLM is an Enterprise Visualization solution designed to provide viewing, digital annotation and collaboration capabilities to Agile PLM. Oracle AutoVue delivers visualization capabilities for many document types, including business documents such as Office and Graphics, as well as technical document types such as 2D/3D Computer Aided Design (CAD) and Electronic Design Automation (EDA). Hence, one of the main benefits of AutoVue for Agile PLM is that users can view numerous file types stored in Agile PLM without having the native application that created the file installed on their desktop machines. Another advantage of AutoVue for Agile PLM is that it decreases bandwidth requirements and improves response time through the use of streaming files. Streaming files contain file data and provide the benefit that AutoVue for Agile PLM can access the streaming files much faster than it can native files.

### 1.1.3 AutoVue Desktop Deployment

AutoVue Desktop Deployment (DD) is a solution for users that want to run AutoVue locally as a personal productivity tool on their individual desktops.

## 1.2 Application User License

- AutoVue includes 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 Deployment and a different user using the Client/Server Deployment would require two licenses).

- For the purposes of the following programs: Oracle AutoVue Office, Oracle AutoVue 2D Professional, Oracle AutoVue 3D Professional Advanced, Oracle AutoVue EDA Professional, Oracle AutoVue Electro-Mechanical Professional, Oracle AutoVue 2D Professional for Agile and Oracle AutoVue Electro-Mechanical Professional for Agile a user external to your company who participates in and attends an AutoVue Real-Time Collaboration session or AutoVue web conference, but neither initiates nor hosts it, is not required to be separately licensed. All users within your company must be licensed.
- Customers who wish to make use of Oracle's AutoVue Enterprise Visualization solutions within their Oracle Agile PLM environment must use the AutoVue for Agile visualization products, as they have been specifically designed to work with Oracle Agile PLM. The appropriate AutoVue for Agile visualization products can be downloaded from the Oracle Software Delivery Cloud under Oracle Agile Applications product packs.

## 1.3 System Requirements

This section details system requirements for the Oracle AutoVue line of products and integrations.

### 1.3.1 Platforms

The following platforms are certified for AutoVue installation and/or hosting:

**Table 1-1 Oracle-Certified Operating Systems**

Platform	AutoVue for Agile PLM <sup>1</sup>	AutoVue Client/Server Deployment <sup>1</sup>	AutoVue Desktop Deployment
Windows Server 2012 R2, 2012—64-bit (AutoVue running in 32-bit mode)	x	x	
Windows Server 2008 R2—64-bit (AutoVue running in 32-bit mode)	x	x	
Windows 10, 8.1, 7—64-bit (AutoVue running in 32-bit mode)			x
Oracle Linux 6.X (x86_64) <sup>2</sup> , and 7.X (x86_64) <sup>2</sup> 64-bit (AutoVue running in 32-bit mode)	x	x	
Red Hat Enterprise Linux 6.X (x86_64) <sup>2</sup> , and 7.X (x86_64) <sup>2</sup> 64-bit (AutoVue running in 32-bit mode)	x	x	

<sup>1</sup> The installation requires about 400MB of free space. Additional space will be required by AutoVue for storing other data such as streaming files and markups.

<sup>2</sup> AutoVue is supported on a 64-bit Linux operating systems (OS), but will run in 32-bit mode. All prerequisites libraries should be in 32 bit, with the exception of the X Windows base package (xorg-x11-server-Xorg) along with the Xvfb package xorg-x11-server-Xvfb. These should be the same architecture (64-bit) as the OS.



### 1.3.2 Client Platform

The following platforms are certified for the AutoVue client.

**Table 1–2 Oracle-Certified Client Platforms**

Platform	AutoVue for Agile PLM	AutoVue Client/Server Deployment
<b>Windows OSes:</b> Windows 7— 64-bit Windows 8.1— 64-bit Windows 10 <sup>1</sup> — 64-bit ■ Internet Explorer 11 ■ Firefox ESR 45 ■ Chrome 46 and up	x	x
<b>Apple OS X 10.11</b> ■ Safari 10.0 ■ Safari 9.0 ■ Safari 8.0 <sup>2</sup> ■ Firefox ESR 45	x	x
<b>Java Virtual Machine</b>		
■ Java SE 7 update 45 and higher - 32-bit and 64-bit	x	x
■ Java SE 8 update 11 and higher - 32-bit and 64-bit	x	x

<sup>1</sup> Microsoft Edge is not supported at this time due to known issues with the browser, which impacts AutoVue.

<sup>2</sup> When launching AutoVue from a Mac client, certain configurations may be required. For more information, refer to Oracle Support Document 1662405.1 (Getting Message "Select a temporary directory" When Printing With AutoVue) which can be found at:  
<https://support.oracle.com/epmos/faces/DocumentDisplay?id=1662405.1>

### 1.3.3 Application Server

The VueServlet has been certified on the following application servers:

**Table 1–3 Oracle-Certified Application Servers**

Platform	AutoVue for Agile PLM	AutoVue Client/Server Deployment
WebLogic 11g.x and up		x
WebSphere 7.1 and up		x
Tomcat 7.x and up	x	x
Jetty 7.0 and up		x

### 1.3.4 Integrations

The following integrations have been certified for this release of AutoVue.

**Table 1–4 Oracle-Certified Integrations**

<b>Integrations</b>	<b>AutoVue for Agile PLM</b>	<b>AutoVue Client/Server Deployment</b>
Agile PLM 9.3.6, 9.3.5, 9.3.4, and 9.3.3	x	
Vuelink 19.3.2 for Documentum <sup>1</sup>		x
Vuelink 20.1 for UCM <sup>2</sup>		x

<sup>1</sup> New VueLink for Documentum certifications made after this release of AutoVue are listed in Oracle Support Document 1425804.1 (VueLink for Documentum Certification Matrix)

<sup>2</sup> New VueLink for UCM certifications made after this release of AutoVue are listed in Oracle Support Document 1383416.1 (Oracle AutoVue VueLink for UCM Certification Matrix) found at: <https://support.oracle.com/epmos/faces/DobumentDisplay?id=1383416.1>

### 1.3.5 AutoVue for Agile PLM Integration Components

AutoVue for Agile PLM integration components can be installed on the following OSes:

- Oracle Solaris (SPARC64, x86-64)
- Linux (Oracle, Red Hat Enterprise, SUSE)
- Microsoft Windows
- HP-UX Itanium
- IBM AIX (POWER)

For supported versions, refer to the "Agile Product Lifecycle Management Capacity Planning Guide" on OTN

<http://www.oracle.com/technetwork/documentation/agile-085940.html>

This chapter lists the major changes that were introduced in Release 21.0.1 of Oracle AutoVue. In addition, this chapter also lists the new and upgraded formats for R21.0.1. Known issues applicable for this release are provided.

## 2.1 Major Enhancement – New Applet-Free AutoVue Solution

The AutoVue Client is a Java application that can be started through the Java Web Start framework. This allows AutoVue to run in browsers that no longer support Java Applets. The user still needs to have the Java runtime environment installed, and the browser will then use the Java Web Start framework to launch the AutoVue client as a separate process that will communicate with the browser to get information such as what file to display.

For information regarding AutoVue client migration, refer to Release 21.0.1 Installation Guide available on OTN. Additional details are available in the Release 21.0.1 API Guide.

In the earlier versions, AutoVue client was based on the capabilities provided by Java Applet technology.

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**Note:** Due to security vulnerabilities in browser plugins, which are used to support Java Applets, the Web browser vendors have been deprecating and removing plug-in capabilities to reduce the security risks for web based environments. As this occurs, the pre-21.0.1 AutoVue Client became unusable. As an alternative to Java Applet for release 21.0.1, AutoVue client is now launched using the Web Start technology. The AutoVue client as applet is being deprecated in 21.0.1. For information regarding AutoVue client as applet, refer to Release 21.0.0 documentation:

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

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### 2.1.1 Applet API vs. New API

In AutoVue applet solution, it was possible for a web custom client to communicate with jVue Class Interface through LiveConnect. The new solution proposes a JavaScript alternative to replace this support without the plug-in. It consists of a JavaScript API sending XML HTTP requests to a JSON-RPC server embedded within AutoVue client to perform the required commands. However, the new JavaScript API does not expose all the functionality that was available in jVue Class. Some

simplifications were done on the API. For more information refer to the *Oracle AutoVue API Guide*.

## 2.2 General Enhancements

In an effort to continually improve AutoVue's performance and functionality the following general enhancements have been implemented:

- Streaming file enhancements for AutoVue Client/Server in an integrated environment.
- Markup scaling of text records saved in older versions of AutoVue.
- Conversion to PDF enhancements.
- Security improvements.

## 2.3 Format Enhancements

This section lists format enhancements.

### 2.3.1 MCAD Formats

- Enhancements for Creo Parametric:
  - General bug fixes as regards to dimension and entity display in Creo 2D drawings. Bug fixes for correct display of Creo 3.0 drawings, dimension text and geometric tolerances.
  - PMI enhancements – PMI dimensions like radius, polarity of the PMI entity, PMI measurement leaders, etc are correctly displayed and are as per the native application.
  - By default, the exploded view of ProE is displayed.
- Enhancements for Autodesk Inventor:
  - Loading performance of BREP models has improved
  - Added support for Inventor 2016 2D/3D files
- Entity Attributes search enhancements for 3D formats
- Enhancements for CATIA V5
  - Memory management enhancements
  - Added support for Catia V5-6 R2015 2D/3D files
- Enhancements for SolidEdge
  - Added support for SolidEdge ST8 2D/3D files
  - Added support for assembly features – fillets and protrusions.
  - SheetMetal visibility for 3D files
  - All the pages of the multipage SolidEdge 3D files are displayed correctly.
- Enhancements for SolidWorks
  - Configuration Enhancements
  - In AutoVue the 2D symbols of SolidWorks 2013, 2014, and 2015 files are displayed correctly. In addition, AutoVue displays the images present in SolidWorks 2014 files as it is displayed in native application.

- Added support for SolidWorks 2016 2D/3D files.
- General bug fixes
- Correct display of dimensions in STEP files
- When a DWF 3D file attribute name has more than one attribute value, AutoVue displays both attributes in the Attributes tab of the Entity Properties dialog.

### 2.3.2 AEC Formats

- Enhancements for MicroStation
  - General bug fixes.
  - AutoVue displays the linestyle that contains **point symbols** in the MicroStation drawing correctly.
- Enhancements for AutoCAD
  - General bug fixes
  - Support for AutoCAD 2016 and 2017
  - Support for AutoCAD Mechanical 2016 and 2017
  - Improved display of closed polygons in AutoCAD.
  - AutoVue is now converting the AutoCAD 2010-2012 DWG files to PDF correctly.
  - Improved display of Weldments entities in AutoCAD.
  - Improved fonts support for DWG files converted from SolidEdge files.
- Enhancements for DWF files
  - General bug fixes
  - AutoVue displays the data table and the associated text in DWF files created from Revit. All the pages are also being displayed with the correct text.
  - AutoVue displays the AutoDesk DWF Version 6 correctly without any additional lines (vertical, horizontal).
- Enhancements for CGM files
  - General bug fixes

### 2.3.3 Office Formats

- Support for Adobe Acrobat DC 2015
- General bug fixes for Word and PDF

## 2.4 Documentation Updates

All the documents can be found under "AutoVue 21.0.1" on Oracle Technology Network (OTN)

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

The following documents have been consolidated in this release:

- Information regarding the Java API, JavaScript API, and ABV technologies is now available in one document – Oracle AutoVue API Guide.

- Information about WebServices is consolidated in one document – Oracle WebServices Installation and Developer’s Guide.
- The Oracle AutoVue Integration Software Development Kit (ISDK) Design, Installation and Configuration Guide has all the relevant information about ISDK and also describes the procedure for building and running a dynamic Web project in JDeveloper and Eclipse IDEs for Oracle AutoVue.

## 2.5 De-supported INI Options

The following INI options have been de-supported:

- DEFAULTMESHRESOLUTION
- PROESHOWHIDDENLINEDASHED
- PROE2DLOADPICTURE
- PROEBACKGROUNDCOLOR

## 2.6 Deprecated File Formats/Version

Oracle AutoVue has deprecated the file format, which had very limited usage and low demand from customers.

- Support for Outlook msg format is deprecated in Release 21.0.1

## 2.7 Deprecated and De-supported Functionality

Oracle AutoVue will no longer support some of its functionalities which had very limited usage and low demand from our customers. This will allow Oracle AutoVue to focus development efforts on functionalities which are more important to our customers. The following functionalities are de-supported/deprecated in this release:

- Streaming file generation is desupported for AutoVue Desktop Deployment.
- AutoVue client as Applet is being deprecated in 21.0.1

## 2.8 De-supported Platforms

The following platform is de-supported:

- Linux 5.X

## 2.9 Known Issues

Some of the known issues for R21.0.1 includes:

- Shaded views of the PROE 2D files are displayed as regular views with "No hidden" view style.
- AutoVue does not support configurations that are not saved in the SolidWorks assembly files. See KM Note: Doc ID 2154421.1 for more information.
- AutoVue does not support native views stored in SolidEdge 3D files.
- AutoVue does not support PROE 2D cosmetics – Axis, plane, Csys (coordinate system feature) and point.

- AutoVue does not support generating streaming files for zip files. By default, it is disabled. If users enables streaming file, validation may fail and an outdated zipped file will be displayed.





If you have any questions or require support for AutoVue please contact your system administrator.

If at any time you have questions or concerns regarding AutoVue, please contact us.

### A.1 General AutoVue Information

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Web Site <http://www.oracle.com/us/products/applications/autovue/index.html>

Blog <http://blogs.oracle.com/enterprisevisualization/>

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### A.2 Oracle Customer Support

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Web Site <http://www.oracle.com/support/index.html>

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### A.3 My Oracle Support AutoVue Community

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Web Site <https://communities.oracle.com/portal/server.pt>

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### A.4 Sales Inquiries

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Web Site <https://www.oracle.com/corporate/contact/global.html>

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