



# WHAT'S NEW IN ADEPT WINTER '24 (VERSION 11.3.3)



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## ADEPT WINTER '24 (VERSION 11.3.3)

Welcome to Adept WINTER '24!

Our newest Adept version is packed with awaited updates, and we're excited to make it available to you. This release also contains fixes, enhancements, and polishes detailed in this document.

From all of us here at Synergis Software, thank you for your partnership and ongoing feedback on product direction!

We wish you the very best this Holiday Season.

Best wishes,

Todd Cummings  
VP Product Strategy  
Synergis Software

## UPGRADING TO ADEPT WINTER '24

Please book a meeting with your Adept Account Manager to discuss or schedule your upgrade to WINTER '24 from any Adept version.

Adept and PublishWave System Requirements, Viewer Supported Formats, and other technical documents can be found on the [Adept Resource Center](#). Complete software documentation and installation instructions can be accessed by logging into the [Adept Customer Portal](#).

## IMPROVEMENTS TO ADEPT

### ADEPT VIEWER

#### VIEWING CAD DOCUMENTS

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The time to view large AutoCAD DWG files is significantly reduced. Instead of processing all file content at once, the objects list is now loaded by the viewer 5,000 objects at a time and in parallel processes.

MicroStation DGN Levels visibility settings are now viewable in Adept Viewer as Layers and behave very close to CAD user expectations. These are also connected to the View Frame right mouse button menu option 'Reset Model'.

View Frame object color overrides are now preserved after exiting Monochrome Mode. Previously when the user assigned color overrides to objects in the ADV View Frame and then enabled/disabled Monochrome Mode the previous object color overrides were lost.

#### PUBLISHING CAD DOCUMENTS

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MicroStation DGN Levels visibility settings are now connected to our publishing engine for creating PDFs. The Adept Viewer Publish PDF dialog has four new options:

- The Page Size Type options block now has a new checkbox to manually select a page size for all sheets in the publishing job.
- DWG files have a new option block called 'Sheets to Publish' that provides the ability to choose not to publish the Model sheet, the 2d Model sheet, and any Paper Space Layouts sheets.
- DWG and DGN files have a new option block called 'Line weight' that provides a radio button option to 'Ignore Lineweights' which will Show or Hide CAD objects' line weights on sheets.
- DWG and DGN files have a new option for Monochrome when using the existing option Current View.

#### INTEGRATION CODE UPDATE

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To stay current with the .NET platform, we have updated our offering to use .NET 8, a long-term support version. This will now be installed automatically during the Adept Viewer installation on your Adept Web Server and must be installed before installing the Adept Viewer on a client machine.

## RESOLVED ISSUES

The Adept WINTER '24 (11.3.3) release has resolved the issues listed below. The Issue Key is the internal identification used by Synergis team members.

### ADEPT CLIENTS AND SERVERS

Issue Key	Issue Description
<b>A11-2841</b>	A very rare irregularity in a customer database causing the Adept Service to crash when the database repair utility is run has been resolved.
<b>A11-2694</b>	A vulnerability in the Adept Desktop Client allowing non-admins to access some functions in the UGLA has been remediated.
<b>A11-2699</b>	An issue where the Adept Server application hung when first run after an upgrade with a message beginning "INSERT command does not match the VALUES provided" has been resolved.
<b>A11-2626</b>	The error condition "Column 'S_FILEID' does not allow DBNull.Value." when performing a Full-Text Search from an Adept Web Client has been handled.
<b>A11-2713</b>	A performance issue with the Adept integration for Inventor 2023 and 2024 causing part files to load slowly has been addressed with an improved method for handling Shared Work Areas.
<b>A11-2681</b>	A performance issue with the Adept integration for Solidworks 2023 causing part files to load slowly has been addressed with an improved method for handling Shared Work Areas.
<b>A11-2562</b>	An issue where custom date fields used in a File Guide would not expand in an Adept Web Client has been resolved.
<b>A11-2658</b>	An issue introduced in the previous release that appeared as the error "Illegal characters in path." in an Adept Web Client when a user attempted to open the Document Dashboard has been resolved.
<b>A11-2644</b>	Adept Web Creator users who are not "full" Administrators are no longer permitted to Check Out documents assigned to another user. This behavior now matches that of Adept Desktop.
<b>A11-2720</b>	An issue during the installation of the Web Server that appeared as a warning of "Invalid password: Verify that the password is in accordance with your network password policy." has been resolved by not validating the Logon Information step in the InstallShield Wizard. Instead, please enter the domain service account ID and password into the Adept.NET v4.0 Application Pool Identity after completing the Adept Web Server installation.
<b>A11-2736</b>	The requirement for the Visual C++ 2013 Redistributable Package has been removed from Adept's System Requirements as no Adept applications are built by using Visual Studio 2013 any longer. Customers with this Redistributable Package installed may consider its removal as long as no other applications (not provided by Synergis Software) require this package.
<b>A11-2654</b>	Issues with the deployment of Adept in Citrix environments have been resolved. Please contact Adept Support for assistance with new or upgraded Citrix deployments.
<b>A11-2885</b>	The Installation Guide has been updated to correctly state that the folder for the FTS Index should be local to the Web Server and entered as a local path (drive:\path) and not as a UNC path (\\server\share). Please check your Adept configurations, and follow the instructions given in the Installation Guide to ensure the proper performance of FTS.
<b>A11-2886</b>	Outdated versions of Ghostscript will be removed by the Adept 11.3.3 release and replaced with Ghostscript version 10.04.0 (2024-09-18). Ghostscript is an interpreter for PostScript® and Portable Document Format (PDF) files that is utilized by the Synergis PDF printer included in the Adept Desktop installation package.
<b>A11-2638</b>	A "401 error" displayed when accessing Adept Insights has been corrected in the Adept Web Server installation package. The Application Pool Identity is correctly written as "Synergis.Insights".
<b>A11-2633</b>	An issue where PDFs were not attached to emails sent by the Adept Desktop Client Send Transmittal function has been corrected.

## ADEPT VIEWER

Issue Key	Issue Description
<b>A11-2648</b>	The previous error message and inability to view a versioned document from the Desktop Client have been corrected to allow viewing of versioned documents. Please note that the TaskPane integrations do not currently support viewing of versioned files. This fix required a change to the WebApiAccess.DLL. Any custom programs or implementations of Adept Integrator that use that DLL will need to be modified, otherwise, there will be an error stating, "Missing method exception in HttpGet".
<b>ADV-7262</b>	It was reported that BlueBeam software can save a custom Highlight object within a PDF. Unfortunately, ADV did not recognize the transparency setting from BlueBeam. We now override the opaque conversion with our custom transparency setting to view this Markup object as expected.
<b>ADV-7308</b>	DGN Saved Views and DGN Global Views now consistently become ADV Document Views. DGN Group Views now consistently become ADV Sheets.
<b>ADV-7414</b>	Layers settings saved in DWG files now operate with publishing functions outside ADV such as ADC 'Print File(s)'; ADC Transmittal; AWC 'Print to'; and AWC View → Render PDF.
<b>ADV-7535</b>	Object color overrides are now preserved after exiting Monochrome Mode in the View Frame. Previously when the user assigned color overrides to objects in the ADV View Frame and then enabled/disabled the Monochrome Mode the previous object color overrides were lost.
<b>ADV-7666</b>	CALS Image files (extensions: .cal, .cals, .cg4, .gp4, .mil, .rst) can now also be published outside of ADV in: ADC 'Print File(s)'; ADC Transmittal; AWC 'Print to'; and AWC View → Render PDF.
<b>ADV-7674</b>	PublishPDF - DWG files have a new option block called 'Sheets to Publish' which provides the ability to choose not to publish the Model sheet, the 2d Model sheet, and paper space Layouts sheets.
<b>ADV-7676</b>	DWG files can have well over 100,000 objects. Instead of processing all objects at once, the objects list is loaded with 5,000 objects at a time and these also can be processed in parallel. The performance is now optimized and the time to view is significantly reduced.
<b>ADV-7686</b>	When viewing DWG files, the ADV Print function now respects the original layer visibility settings saved in the DWG, as expected.
<b>ADV-7687</b>	Adept Viewer now has a longer refresh timeout to allow DGN drawings with many levels/layers to be presented properly with all drawing content rather than incomplete and inconsistent behavior.
<b>ADV-7694</b>	When hooking up ADV Layer visibility settings to PublishPDF and ADV Print we realized that DGN Levels support needed several enhancements. DGN Levels are viewed as ADV Layers and now behave much closer to MicroStation user expectations. ADV Sheets have the ADV Layers controls. ADV Document Views do not have the Layers controls; however, ADV Document Views do affect which objects are visible. We will consider hooking up ADV Document Views to ADV Layers controls in a future version.
<b>ADV-7710</b>	When viewing DWG and DGN files and using the PublishPDF option Current View there is now an additional option to select Monochrome for the resulting PDF. The geometry will be black and white (monochrome). Markups will become grayscale (shades of gray).
<b>ADV-7731</b>	Microsoft .NET Core 8.0.10 LTS is installed automatically during the Adept Viewer installation on the Server machine, e.g. AdeptViewerServer.exe. Microsoft .NET Core 8.0.10 LTS is required to be installed before installing the Adept Viewer on the Client machine, e.g. DocumentViewer.msi.
<b>ADV-7760</b>	DWG with no geometry in Model Space and only an Image XREF in Model Space did not view in Paper Space Layouts (which could contain a title block surrounding the image) because of an error in the cache engine. This was resolved.
<b>ADV-7764</b>	The ADV Navigation Toolbar had an icon for Save View that was the same as Save Markup in the Markups Toolbar. Both were replaced with new, distinct icons depicting a pencil for Save Markups and a landscape for Save View.

Issue Key	Issue Description
ADV-7766	When viewing DWG files sometimes a Block Attribute's text could have a background color that would become black instead of white when entering ADV Monochrome Mode making the text unreadable. This was also a problem when publishing and printing using the available monochrome option as well. This has been corrected so that the DWG Block Attribute text background will always be turned off in monochrome mode and also when publishing/printing in monochrome.
ADV-7768	When viewing IDW files in a View Frame with a background color white, all objects using the color white seemed to be missing from the view. To remedy this situation, we have introduced a new system variable to view all IDW drawing objects as black. The default in this release will be 'AllColorsAsBlack' enabled (drawing objects are black) but ADV Markups will remain in color.
ADV-7774	PDF files with annotations created in Adobe Acrobat or BlueBeam Revu could previously become unloaded in the View Frame after the user toggled the Document Panel thumbnail on and off several times. These third-party annotations now stay loaded as ADV Markups.
ADV-7777	The PublishPDF dialog option block Page Size Type now has a new checkbox option to disable the function that automatically reads the saved page sizes from the document and instead allows the user to manually select a page size for all sheets in the published job.
ADV-7778	When viewing DWG and DGN files the PublishPDF dialog now has a new option block called 'Line weight' with one radio button option to 'Ignore Lineweights' which will Show or Hide CAD objects' line weights on sheets in the resulting PDF.
ADV-7791	A thorough review of all combinations of View states and Markup states was made when closing a Document. This review revealed several fringe conditions that needed to be resolved. The prompt to Save Markups now appears when expected in all known conditions.
ADV-7794	If a user zooms using their web browser view scale, it was noticed in the ADV View Frame option to Set Color that the color selection box was cut off and not fully functional because it was aligned by its middle and therefore could extend above the viewable screen. This was corrected by instead aligning the color box at the top of the right mouse button menu.
ADV-7799	A setting that can be saved in the DWG file is LWEIGHT. ADV now reads and uses this for view, PublishPDF, and ADV Print so that each displays the expected line widths.
ADV-7805	The ADV Print dialog has a new column called Page Area that provides several options to pick from for CAD files. The Selected Sheet is the currently viewed sheet. Other options are combinations of the Model sheet, the 2d Model sheet, and available Paperspace Layout sheets. This options list is disabled for Office documents.
ADV-7828	An issue where if Microsoft .NET Core v6.0.33 was installed prior to .NET Core 8.0.10 LTS so that both were installed, then some documents were not fully processed when requested to view in Adept Viewer has been resolved.
ADV-7836	The message "Failed to acquire token" (meaning that the security token received for the View module has been refused by the Adept Viewer Web Server) no longer appears because the token is refreshed at the initial ADV Session and now also at each additional ADV session request.
ADV-7855	Adding a column to the ADV Print dialog resulted in a narrower column for the document filename which may be insufficient for displaying longer filenames. There is now a mouse-over event that shows the full filename.
ADV-7877	The issue where selecting not to save the Markups in an open Document unintentionally brought back deleted but unsaved Markups in another open Document was resolved.
ADV-7880	PublishPDF option for Ignore Lineweights will now be hidden if the user selects Current View because what is on the screen is meant to be published, so changing line weights would be contrary to that logic.
ADV-7893	The View Frame RMB menu option 'Reset Model' now controls DGN file Levels' visibility settings viewed as Adept Viewer Layers.
ADV-7897	DGN - Levels visibility settings shown as Layers in Adept Viewer are now better hooked up to our publishing engine when creating PDFs.



**ACRONYM GLOSSARY**

ACS	Adept Client Services
AM	Adept Mobile
ANS	Adept Native Server
AWS	Adept Web Server
AFS	Adept File Server
ADC	Adept Desktop Client
ADC Plug-in	Adept Desktop Client Plug-in
ATP	Adept Task Pane
AWC-E	Adept Web Client, Explorer
AWC-R	Adept Web Client, Reviewer
AWC-C	Adept Web Client, Creator
AWC-E/R/C	Adept Web Client Explorer, Reviewer, and Creator
ADV	Adept Viewer
FTS	Full Text Search
PW	PublishWave
UGLA	User, Group, Library Administration window
SWX	SOLIDWORKS
RMB	Right mouse button click
LMB	Left mouse button click