ADEPT

PublishWave

SYSTEM REQUIREMENTS

SUMMER '24 (Version 11.3.0)

OVERVIEW

Adept PublishWave is a comprehensive batch printing and publishing add-on to the Adept document management software. PublishWave enables Adept users to submit publishing and printing jobs manually or automatically. For the purposes of this document, we define printing as hard-copy paper-based output and publishing as electronic output to a file, including PDF, TIFF, AutoCAD DXF, and SOLIDWORKS Parasolids file format.

DISCONTINUED SUPPORT IN PREVIOUS RELEASE A11.1

Synergis strives to provide our customers with regular product releases with new and updated features including support for the latest versions of supported CAD products. As we introduce support for the latest CAD products, we simultaneously discontinue support for the prior version of the same products.

PUBLISHWAVE COMPONENTS

Adept PublishWave includes several software applications:

PublishWave Server

> The workstation-based program accepts printing and publishing requests from Adept users and submits them to the respective CAD or Microsoft Office applications for processing.

> The PublishWave Server program must be installed on a dedicated workstation or virtual machine and must be run as an application, not as a service, and must run using the Run as Administrator option. PublishWave Server requires an active user session on the workstation where PublishWave is running; however, the user session of the PublishWave server workstation may be locked to prevent unauthorized access. Signing out (logging off) the user session will stop the PublishWave server.

PublishToAdept

> PublishToAdept is a program associated with PublishWave. When PublishWave deposits published documents into a watched folder, PublishToAdept can check those published documents into an Adept Library.

> The PublishToAdept application must be installed on a workstation or virtual machine and can be run as a Windows service or as an application. PublishToAdept may be installed on the same workstation as the PublishWave server or on a different workstation.

PublishWave Data Bridge

> Data Bridge is a program associated with PublishWave. Data Bridge can be used to move output files from one folder to another, extending the reach of published file access.

Each of the server-side PublishWave applications provides an appropriate administration console where the program can be configured, tested, and initiated.

PublishWave Client

This is the Adept Desktop Client-based feature that is used to submit printing and publishing output requests to the PublishWave server. This feature works with the Adept Desktop Client as an Adept PlugIn and must be installed on all user workstations that require access to PublishWave capabilities. An administration console is available for System Administrators to configure this Plugin. No specific requirements are described in this document as The Adept Desktop Client's system requirements are sufficient for this Adept Plugin.

PublishWave Web Client

This is the Adept Web Services feature that is used to submit printing and publishing output requests to the PublishWave server. This feature is included with the installation of the Adept Web Server and does not require any client-side installation.

ADEPT PUBLISHWAVE SYSTEM REQUIREMENTS

PUBLISHWAVE SERVER - HARDWARE REQUIREMENTS

Processor	Minimum: 2.5+ GHz processor with 4 or more cores Recommended: 3+ GHz processor with 4 or more cores
Memory	16 GB minimum for 500-part assemblies or smaller 32 GB minimum for 500 to 1000-part assemblies 64 GB minimum for 1000-part assemblies or larger
Disk Space	1.5 GB installation for PublishWave Server Components Sufficient storage for incoming job files and output files Minimal storage for Log files, etc.
Display Resolution	SXGA 5:4 1280x1024 or better

PUBLISHWAVE – GENERAL SOFTWARE REQUIREMENTS

PublishWave Server, PublishToAdept, and Data Bridge all require the following:

Operating Systems	Windows 10 (64-bit) [1] or Windows 11 [1] Windows Server 2019 or 2022 (English) [1]
☑ Microsoft .NET Framework	.NET Framework 4.8 [2]
☑ Microsoft Visual C++ Runtimes	Visual C++ 2015-2022 Redistributable (x86 & x64) [2]
☑ Microsoft ASP.NET Core Runtime	.NET Core 6.0.26 Windows Server Hosting Bundle or later [2]

In the Software Requirements sections above, the individual requirements marked with a checked box ☑ indicate that they are part of the Prerequisite Package. Refer to the Adept System Requirements document in the Adept Clients section to learn more about the Prerequisite Package.

PUBLISHWAVE SERVER – ADDITIONAL SOFTWARE REQUIREMENTS

In addition to the software requirements above, PublishWave Server also requires:

TIFF Image Printer	Peernet TIFF Image Printer 12.0 [3]
Windows System Printers	If printing (to hard copy) will be performed, then appropriate drivers/software must be pre-installed and tested for each output device.
CAD Applications	Autodesk AutoCAD 2023 and 2024 [1][5] Autodesk Inventor 2023 and 2024 [1][5] Dassault Systèmes SOLIDWORKS 2022 and 2023 [1][5] MicroStation Connect V10 Update 13 [1][5]
Office Applications	Microsoft Word and Excel 2013/2016/2019/365 [1][5]

(1)   With the latest service packs and hotfixes installed.

(2)   Adept PublishWave installation pre-requisite(s). Higher compatible versions that are in the same major version are acceptable.

(3)   Only Peernet TIFF Image Printer version 12.0 is supported by PublishWave. Please do not update Peernet to any other version without verifying compatibility with your Synergis Account Manager.

(4)   This prerequisite only applies if TIFF publishing will be performed.

(5)   This prerequisite only applies if printing/publishing documents created in these applications will be performed.

ADEPT PUBLISHWAVE OUTPUT CAPABILITIES

The following table shows the outputs possible through Adept PublishWave:

	Publish to PDF	Publish to TIF	Publish to DXF	Publish to Parasolids	Print to Hard Copy	Combine into PDF	Can PassThru
Inventor 2D (IDW, DWG[1])	X	X	---	---	X	X	---
SOLIDWORKS 2D (SLDDRW)	X	X	---	---	X	X	---
SOLIDWORKS 3D (SLDPRT, SLDASM)	---	---	---	X	---	---	---
AutoCAD (DWG)	X	X[2]	X	---	X	X	---
MicroStation (DGN)	X	---	---	---	---	X	---
Word (DOC, DOCX)	X	X[2]	---	---	X	X	---
Excel (XLS, XLSX)	X	X[2]	---	---	X	X	---
PDF (PDF)	---	---	---	---	X	X	X
TIF (TIF, TIFF)	---	---	---	---	---[3]	---	X
DXF (DXF)	---	---	---	---	---[3]	---	X
Any file extension not mentioned above	---	---	---	---	---	---	X

(1) Inventor DWG-formatted files are published using AutoCAD, not Inventor. Any pending changes to the DWG file will not be reflected in the published output since AutoCAD cannot update the contents of the Inventor DWG file.

(2) To publish in TIFF format, you will need to purchase the Peernet TIFF image printer directly. (http://www.peernet.com/tiff/)

(3) These cells mistakenly indicated printing capability in earlier versions of this document. We apologize for any confusion caused by these typos.

PLANNED DISCONTINUED SUPPORT FOR THE NEXT ADEPT RELEASE

In the next release, support for the following is planned to be discontinued.

- Autodesk AutoCAD 2023
- Autodesk Inventor 2023

PLANNED NEW SUPPORT FOR THE NEXT ADEPT RELEASE

In the next release, support for the following is planned to be added.

- Autodesk AutoCAD 2025
- Autodesk Inventor 2025