



ADEPT

PublishWave

SYSTEM REQUIREMENTS



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ADEPT PUBLISHWAVE SYSTEM REQUIREMENTS

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 either 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, TIF, AutoCAD DXF and SOLIDWORKS Parasolids file format.

Adept PublishWave includes several software applications that make up the PublishWave server and the PublishWave client. These programs include:

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

***Note:** the PublishWave server program must be run as an application, not as a service, and run using the “run as administrator” option. This requires that the workstation where PublishWave is installed be logged into at all times while the program is running. The PublishWave server workstation, however, may be locked to prevent unauthorized access.*

***Note:** the PublishWave server program must be installed on a dedicated workstation or virtual machine running the Windows 10 x64, or Windows Server 2019 operating system in English.*

- **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 is installed on the Adept Desktop Client as an Adept “PlugIn” and must be installed on all users’ workstations that require access to PublishWave.
- **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 installed with the installation of the Adept Web Server.
- **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.
- **PublishToAdept:** PublishToAdept is a program associated with PublishWave. When PublishWave deposits published files in a watched folder, PublishToAdept can check them into an Adept library.

***Note:** you can install PublishToAdept on the same workstation as the PublishWave server or on a different one. The PublishToAdept application must be installed on a workstation or virtual machine running the Windows 10 x64 or Windows Server 2019 operating system in English. PublishToAdept can be run as a service or as an application.*

Each PublishWave application provides an appropriate administration console where the program can be configured, tested, and initiated.

PublishWave Server Software Requirements	
Supported Operating Systems	Windows 10 64-bit operating system or Windows Server 2019 (English) with the latest service packs and hot fixes installed.
Supported CAD and Microsoft Word and Excel application software	Required as needed for output with latest service packs installed (specific versions detailed later)
System Printers configured as Windows System output devices	Optional: Only required if printing
Peernet TIFF Image Printer 11.0⁽¹⁾	Optional: Only required if publishing to TIF format from AutoCAD, Microsoft Word or Excel
Microsoft .NET Framework	Required .NET Framework 4.7.2 or 4.8
Microsoft XML 4.0 Service Pack 2	Required
Microsoft Visual C++ 2015 x64 Runtimes	Required: Visual C++ 2015-2019 Redistributable (x64) – v14.28.29913 or later
Internet Information Services (IIS)	Most current IIS version applicable to operating system.

(1) The only version of Peernet TIFF image printer supported by PublishWave is image printer 11.0. Do not update Peernet to any other version without first checking with Synergis Software to verify compatibility.

PublishWave Server Hardware Requirements	
Processor	Minimum required by CAD and/or Office applications used
Memory	Minimum required by CAD and/or Office applications used (8GB min. recommended)

PublishWave PublishToAdept Software Requirements	
Microsoft .NET Framework	Required .NET Framework 4.7.2 or 4.8
Supported Operating Systems	Windows 10 64-bit operating system or Windows Server 2019 (English) with the latest service packs installed

PublishWave Data Bridge Software Requirements	
Microsoft .NET Framework	Required .NET Framework 4.7.2 or 4.8
Supported Operating Systems	Windows 10 64-bit operating system or Windows Server 2019 (English) with the latest service packs installed

PublishWave Client PlugIn Requirements	
Compatible Adept Client	Required
Microsoft .NET Framework	Required .NET Framework 4.7.2 or 4.8
Supported Operating Systems	Windows 10 64-bit editions

SUPPORTED APPLICATIONS

- Microsoft Word and Excel 2013/2016/2019/365⁽¹⁾
- Autodesk AutoCAD 2020/2021⁽¹⁾
- Autodesk Inventor 2020/2021
- SOLIDWORKS 2020/2021
- MicroStation Connect V10 Update 13

The following table shows the type of output possible through Adept Publish Wave:

	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 ⁽²⁾)	X	X	---	---	X	X	---
SOLIDWORKS 2D (SLDDRW)	X	X	---	---	X	X	---
SOLIDWORKS 3D (SLDPRT, SLDASM)	---	---	---	X	---	---	---
AutoCAD (DWG)	X	X ⁽¹⁾	X	---	X	X	---
MicroStation (DGN)	X	---	---	---	---	X	---
Word (DOC, DOCX)	X	X ⁽¹⁾	---	---	X	X	---
Excel (XLS, XLSX)	X	X ⁽¹⁾	---	---	X	X	---
PDF (PDF)	---	---	---	---	X	X	X
TIF (TIF, TIFF)	---	---	---	---	X	---	X
DXF (DXF)	---	---	---	---	X	---	X
Any file extension not mentioned above	---	---	---	---	---	---	X

(1) To publish in TIF format you will need to purchase the Peernet TIFF image printer

<https://www.peernet.com/conversion-software/pdf-to-tiff-converter/license/>

(2) Inventor DWG format files are published using AutoCAD, not Inventor. Any pending changes to the DWG file will not be reflected in the published output since AutoCAD does not have the ability to update the contents of the Inventor DWG file.

Note: all supported applications must be 64-bit versions.

NOTICE: PLANNED DISCONTINUED SUPPORT FOR NEXT ADEPT MAJOR RELEASE

For the Adept PublishWave Server:

- Peernet Tiff Image Printer version 11.0 to be replaced with latest available version