



Adept

SYSTEM REQUIREMENTS

Synergis 
Software

Synergis Software
18 South 5TH Street, Suite 100
Quakertown, PA 18951
+1 215.302.3000, 800.836.5440
www.SynergisSoftware.com
Adept version 11.0.4

Synergis Software
A Division of Synergis Technologies, LLC
Suite 100, 18 South 5th Street
Quakertown, Pennsylvania 18951 U.S.A.
800.836.5440 / 215.302.3000
www.SynergisSoftware.com

No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording or by any information storage and retrieval system without written permission from Synergis Software.

© Copyright 2000-2021 Synergis Software, a division of Synergis Technologies, LLC. All rights reserved. All brand or product names are trademarks or registered trademarks of their respective owners.

WARNING AND DISCLAIMER

This document is designed to provide information about Adept Document Management. Every effort has been made to make it as complete and as accurate as possible. However, no warranty of suitability, purpose or fitness is made or implied. The authors and Synergis Software shall have neither liability nor responsibility to any person or entity with respect to loss or damages in connection, with or arising from, the information contained in this document.

TABLE OF CONTENTS

Table of Contents 3

Overview 4

Adept Notice: Discontinued Support for Adept (Version 11.0.4) 4

Adept Server 5

 Adept Server Software Requirements 5

 Adept Server Hardware Requirements 6

Adept File System Server Hardware and Software Requirements 7

Adept Web Server 8

 Adept Web Server Software Requirements 8

 Adept Web Server Hardware Requirements 9

Adept Desktop Client (non-CAD) Workstation Hardware and Software Requirements 10

Adept CAD Integration Client Workstation Hardware and Software Requirements 11

Adept Web Client Workstation Hardware and Software Requirements 12

 Adept Web Client Support for Launching Third Party Viewers 13

Adept Desktop Client Workstation and User Rights Requirements and Considerations 13

Adept Desktop CAD and Office Application Integration 13

 Applications Integrated with Adept⁽³⁾ 14

Adept Notice: Planned Discontinued Support for Adept’s Next Major Release 15

Adept Qualified Software 15

OVERVIEW

To successfully install and run Adept (Adept Server, Adept Web Server, Adept Desktop Client, Adept Web Clients, Adept CAD Integrations), follow the system requirements specified in this document.

Adept requires installation of the Adept Server and the Adept Web Server applications. This is required even if not using the Adept Web Client or any Adept CAD integration as there are dependencies between the two servers which require both to be configured and running to support Adept applications.

Note: This is a significantly updated version of this document for Adept. Please review all requirements as most have changed. Additions made to future versions of this document will be highlighted in yellow. Deletions made to future versions of this document are not noted and manual comparison with the previous document version is required.

Note: The information in this document is based on the latest available version of Adept. The system requirements for earlier versions of Adept may vary.

ADEPT NOTICE: DISCONTINUED SUPPORT FOR ADEPT (VERSION 11.0.4)

For the Adept Server and all Server-Related Components:

- Windows Server 2008 R2 operating system
- Windows Server 2012 operating system

For the Adept Clients and all Client-Related Components:

- Windows 7 operating system
- Windows 8/8.1 operating system

Adept Web Server and all Web Server-Related Components:

- Internet Explorer (all versions)

Adept CAD Integrations:

- Inventor 2018 complete integration discontinued; extraction remains supported
- SOLIDWORKS 2018 complete integration discontinued; extraction remain supported
- Navisworks 2018 complete integration discontinued; extraction remains supported

Adept SQL Database Engine Components:

- Microsoft SQL Server 2008 R2
- Oracle Database (11g, 12c)

ADEPT SERVER

ADEPT SERVER SOFTWARE REQUIREMENTS

Supported Operating Systems	Windows Server 2012 R2; Windows Server 2016; Windows Server 2019 with latest service packs and hot fixes installed.
Adept AFS Hub and Satellite Server Software	Optional: However, required for AFS Vaults and Replication – may be installed on any supported Windows server operating system.
Microsoft .NET Framework	Required .NET Framework 4.7.2 or 4.8 (4.7.2 will be installed by Adept Server installer if neither are already installed).
Visual C++ Runtimes	Required: Visual C++ 2015-2019 Redistributable (x86 and x64) – v14.28.29913 or later (will be installed by Adept installer if not already installed).
SQL Database Engine	Required: The following Database Engines are supported in Adept and may be installed on any operating system allowed by the manufacturer.
	Oracle® Database 19c with latest service packs and hot fixes installed. ⁽¹⁾
	Microsoft SQL Server 2012 64-bit, 2014 64bit, 2016 64-bit; 2017 64-bit; 2019 64-bit with latest service packs and hot fixes installed. ⁽²⁾
FTP Server Software	Optional: However, required for FTP Vaults – may be installed on any operating system allowed by the manufacturer.
	Microsoft IIS/FTP Services with latest service packs and hot fixes installed. ⁽³⁾
	Other qualified FTP Server software. ⁽³⁾

(1) Before upgrading your Oracle database from 11g to 19c, ensure you have the latest 11g patch, 11.2.0.3 installed. The database upgrade wizard in 19c will only proceed on schema from a source database with 11g/11.2.0.3 installed.

(2) SQL Express is supported in small deployments or local area network deployments provided database size does not exceed the manufacturer's 10GB database limit. Be aware the database size grows over time. If you choose SQL Express today, you may be required to upgrade at a later time.

(3) If you plan to use FTP Vaults, you will need to run an FTP Server on each network where a Vault is located. Please be aware that Microsoft FTP Server does not support Adept's compressed FTP file transfer. To use Adept's compressed FTP Vaults and file transfer, you must use one of the following qualified FTP Servers: ServU, FileZilla, or CuteFTP Server. To use the Adept secure FTPS Vaults and file transfer, you must use one of the following qualified FTP Servers: FileZilla or Microsoft IIS FTP Server.

ADEPT SERVER HARDWARE REQUIREMENTS

Adept Server requirements and recommendations will depend on your scope and use of Adept. In many cases, the SQL Database Engine and the Adept Server Software (including web) can run on the same server.

In instances where the Adept Server Software and the database engine server software do not reside on the same machine, it will be important to have high speed connectivity between the servers - fiber channel is recommended - due to the high number of transactions between the Adept Servers and the database engine. Both the Adept Server Software and the SQL Database Engine take advantage of CPU threading technology so you can expect increased performance with multiple CPU's, hyper-threaded CPUs, or both.

During server installation, you may need an IT member present to install system updates, adjust Firewall ports, and perform other necessary network tasks.

Important Note: The Adept Server Software is not supported when deployed on a machine running Microsoft Exchange Server nor is it supported when installed on a primary or backup Domain Controller. It is not supported when the Adept Server Software and the SQL Database Server Software are not on the same local area network segment.

Important Note: If installing multiple Adept components on one machine, all software and hardware requirements are cumulative which will result in higher requirements than stated for each component.

RECOMMENDED HARDWARE REQUIREMENTS FOR:

ADEPT SERVER

Processor	2.6 GHz or faster, multi-core required. ⁽¹⁾
Memory	16 GB minimum required.
Disk Space	3.0 GB free disk space for installation; Sufficient disk space for data and documents. ⁽³⁾

ADEPT SERVER WITH MULTIPLE REMOTE SITES AND/OR A LARGE NUMBER OF CONCURRENT USERS ⁽²⁾

Processor	2.6 GHz or faster, multi-core required. ⁽¹⁾
Memory	24 GB minimum required.
Disk Space	3.0 GB free disk space for installation; Sufficient disk space for data and documents. ⁽³⁾

(1) Virtual machine platforms are supported as long as the system requirements for Adept are met or exceeded. Adept is multi-threaded and

requires multiple cores and sufficient memory access.

(2) Although many factors affect the performance experienced by the Adept user, generally more than 50 concurrent users is considered a large number.

(3) Over time, disk space required for data and documents will increase.

ADEPT FILE SYSTEM SERVER HARDWARE AND SOFTWARE REQUIREMENTS

During server installation, you may need an IT member present to install system updates, adjust Firewall ports, and perform other necessary network tasks.

Supported Operating Systems	Windows Server 2012 R2; Windows Server 2016; Windows Server 2019 with latest service packs and hot fixes installed.
Microsoft .NET Framework	Required .NET Framework 4.7.2 or 4.8 (4.7.2 will be installed by Adept Server installer if neither are already installed).
Visual C++ Runtimes	Required: Visual C++ 2015-2019 Redistributable (x86) – v14.28.29913 or later (will be installed by Adept installer if not already installed).

ADEPT FILE SYSTEM HUB HARDWARE REQUIREMENTS

Processor	2.6 GHz or faster, multi-core required. ⁽¹⁾
Memory	8 GB minimum required, 16 GB or more recommended.
Disk Space	1.0 GB free disk space for installation; Sufficient disk space for data and documents. ⁽³⁾

ADEPT FILE SYSTEM SATELLITE HARDWARE REQUIREMENTS

Processor	2.6 GHz or faster, multi-core required. ⁽¹⁾
Memory	8 GB minimum required.
Disk Space	1.0 GB free disk space for installation; Sufficient disk space for data and documents. ⁽³⁾

(1) If installing on a separate machine from the Adept Server

ADEPT WEB SERVER

The Adept Web Server Software is not supported when deployed on a Microsoft Exchange Server nor is it supported when installed on a primary or backup Domain Controller.

In most cases for performance reasons, you will install Adept Web Server on different server hardware from the one on which you have installed the Adept Server

During server installation, you may need an IT member present to install system updates, adjust Firewall ports, and perform other necessary network tasks. You will need a Windows User Account with permission to run a web site in IIS. For best results, the Windows User Account should be a local Administrator with full access to the local machine. We recommend that you create a new Windows User Account that is a local machine Administrator with a password that does not expire.

ADEPT WEB SERVER SOFTWARE REQUIREMENTS

Supported Operating Systems	Windows Server 2012 R2; Windows Server 2016; Windows Server 2019 with latest service packs and hot fixes installed.
Microsoft .NET Framework	Required .NET Framework 4.7.2 or 4.8 (4.7.2 will be installed by Adept Web Server installer if neither are already installed).
Visual C++ Runtimes	Required: Visual C++ 2015-2019 Redistributable (x86 and x64) – v14.28.29913 or later (will be installed by Adept installer if not already installed).
Internet Information Services (IIS)	Most current IIS version applicable to operating system.

ADEPT WEB SERVER HARDWARE REQUIREMENTS

RECOMMENDED HARDWARE REQUIREMENTS FOR:

ADEPT WEB SERVER

Processor	2.6 GHz or faster, multi-core required. ⁽¹⁾
Memory	16 GB minimum required.
Disk Space	11.0 GB free disk space for installation; 50 GB minimum for runtime caches. ⁽³⁾⁽⁴⁾

ADEPT WEB SERVER WITH MULTIPLE REMOTE SITES AND/OR A LARGE NUMBER OF CONCURRENT USERS ⁽²⁾

Processor	2.6 GHz or faster, multi-core required. ⁽¹⁾
Memory	32 GB minimum required.
Disk Space	11.0 GB free disk space for installation; 100 GB minimum for runtime caches. ⁽³⁾⁽⁴⁾

(1) Virtual machine platforms are supported as long as the system requirements for Adept are met or exceeded. Adept is multi-threaded and requires multiple CPU's and sufficient memory access.

(2) Although many factors affect the performance experienced by the Adept user, generally more than 50 concurrent users is considered a large number.

(3) Dependent on viewer cache management process used by customer.

(4) Additional Adept Viewer disk space requirements to support viewing of Inventor IDW (5.0 GB) and/or SOLIDWORKS SLDDRW (1.0 GB)

ADEPT DESKTOP CLIENT (NON-CAD) WORKSTATION HARDWARE AND SOFTWARE REQUIREMENTS

During client installation, you may need an IT member present to install system updates and perform other necessary network tasks.

NOTE: Please see *Adept Web Client Workstation Requirements* for system requirements for the Adept Web Client

Processor	2.6 GHz or faster.
Supported Operating Systems	Windows 10 64-bit editions. Desktop only (not qualified for tablet use).
Microsoft .NET Framework	Required: .NET Framework 4.7.2 or 4.8. (.NET Framework 4.7.2 is provided with the Adept distribution but either must be installed manually before installing the Adept Desktop Client). ⁽⁴⁾
Visual C++ Runtimes	Required: Visual C++ 2015-2019 Redistributable (x86 and x64) – v14.28.29913 or later must be downloaded and installed manually before installing the Adept Desktop Client. Both must be installed on 64-bit systems.
Memory	8 GB minimum required, 16GB or more recommended.
Disk Space	8.0 GB free disk space for installation; 10.0 GB free for runtime caches. ⁽¹⁾
Display	Minimum 1600 x 900 resolution recommended.
Outlook to Adept	Required: Visual Studio Office Tools. ⁽²⁾

(1) Dependent on viewer cache management process used by customer.

(2) If the Outlook to Adept PlugIn does not load properly, the system may be missing Visual Studio Office Tools. This is normally installed as part of the full Office suite installation but can be downloaded and installed separately.

ADEPT CAD INTEGRATION CLIENT WORKSTATION HARDWARE AND SOFTWARE REQUIREMENTS

Following are the system requirements for the Adept CAD Integrations. Installing and running the Adept Desktop Client and the Adept WebAPI-based CAD Integrations on the same workstation is supported. Both applications use an Adept Desktop Client license. Only one license is used even when running both applications simultaneously.

During client installation, you may need an IT member present to install system updates and perform other necessary network tasks.

Processor	CAD software manufacturer's workstation requirements or more.
Supported Operating Systems	Windows 10 64-bit editions. ⁽¹⁾
Microsoft .NET Framework	Required: .NET Framework 4.7.2 or 4.8. (.NET Framework 4.7.2 is provided with the Adept distribution but either must be installed manually before installing the Adept CAD integrations).
Visual C++ Runtimes	Required: Visual C++ 2015-2019 Redistributable (x86 and x64) – v14.28.29913 or later must be downloaded and installed manually before installing the Adept Desktop Client. Both must be installed on 64-bit systems.
Microsoft .NET Core	Required: .NET Core 3.1.11 Windows Server Hosting must be downloaded and installed manually before installing the Adept CAD integration.
Memory	CAD software manufacturer's workstation requirements or more.
Disk Space	6.0 GB free disk space for installation; 10 GB free for runtime caches. ⁽²⁾
Display	CAD software manufacturer's workstation requirements or more.

(1) Adept's CAD integration support in Windows 10 is limited to those CAD applications that have stated Windows 10 support.

(2) Dependent on viewer cache management process used by customer.

ADEPT WEB CLIENT WORKSTATION HARDWARE AND SOFTWARE REQUIREMENTS

Following are the system requirements for the Adept Web Client end user workstation.

Processor	2.6 GHz or faster.
Supported Operating Systems ⁽¹⁾	
Adept Explorer, Adept Reviewer	Windows 10 32/64-bit editions.
Adept Creator	Windows 10 64-bit editions.
Edge (Chromium), Firefox⁽³⁾, or Chrome⁽³⁾	Required: With latest service packs and hot fixes installed.
Microsoft .NET Framework	Required: .NET Framework 4.7.2 or 4.8. (.NET Framework 4.7.2 is provided with the Adept distribution but either must be installed manually if needed.)
Visual C++ Runtimes (Creator only)	Required: Visual C++ 2015-2019 Redistributable (x86 and x64) – v14.28.29913 or later must be downloaded and installed manually before using Creator. Both must be installed on 64-bit systems.
Java Runtime Engine ⁽²⁾	Java SE (JRE) 8 Update 231 — 32-bit and higher NOTE: Java SE (JRE) 8 64-bit is not required and will not affect viewing if installed
Tablet (limited functionality) ⁽⁵⁾	Required: Surface with Windows 10, iPad with latest iOS, Samsung Galaxy with latest Android OS.
Memory	8 GB minimum required.
Disk Space (Creator only)	6.0 GB free disk space for installation; 10 GB free for runtime caches. ⁽²⁾⁽⁴⁾
Display	1280 x 1024 or greater.

(1) Adept Web Clients are supported in a Citrix environment.

(2) Applies to Creator only. Explorer and Reviewer users have no locally installed components.

(3) Use Firefox or Chrome for best performance. Other browsers have been shown to not perform as well.

(4) Dependent on viewer cache management process used by customer.

(5) Creator functionality is disabled on a tablet. Viewing functionality is limited to using the “Render to PDF” command which opens the PDF in a browser window.

(6) Shown is last tested version. Newer versions may or may not be supported.

ADEPT WEB CLIENT SUPPORT FOR LAUNCHING THIRD PARTY VIEWERS

Adept Web Client allows the Windows default application installed on the workstation to act as the viewer for specified file types. For example, using this option for PDF files will cause PDF documents to be opened using the locally installed PDF reader, most commonly Adobe Reader.

ADEPT DESKTOP CLIENT WORKSTATION AND USER RIGHTS REQUIREMENTS AND CONSIDERATIONS

Installation:

To install Adept, you must log in to the workstation with Local Administrator rights.

Updates:

To update Adept, you must log in to the workstation with local administrator rights. When running Adept on a workstation with less than Local Administrator rights, turn off the automatic Adept Update feature as it will not function properly. In this instance, updates to Adept will need to be pushed by the network administrator using Local Administrator rights.

Runtime:

The first time you run Adept, log in to the workstation with Local Admin Rights. You can also run Adept when logged in as a member of the Domain User Group as long as your account has been modified to include Modify rights to the following areas:

- Adept Support folder (i.e., C:\AdeptSupport)
- Adept installation folder (i.e., C:\Program Files (x86)\Synergis) on the local workstation
- Registry key: HKEY_CURRENT_USER\SOFTWARE\Synergis
Note: This Registry key and values below it store the Adept Data Source information required for user login

Work Areas:

Users need read/write/create/delete rights to locations where Adept Work Areas and the Adept Support folder are located. Typically, the Adept Support folder is located on the C drive and the Adept Work Areas are located on either the network or the local drive.

ADEPT DESKTOP CAD AND OFFICE APPLICATION INTEGRATION

Adept supports management of all PC based files, including searching, revision control, audit trail, workflow capabilities and more. In addition, Adept has tight integration with many mainstream CAD and Office applications.

Adept integration with CAD and MS Office applications varies depending on the application and version level. The types of support are:

- 1) Extract properties, tags, or attributes from documents
- 2) Update properties, tags, or attributes to documents
- 3) Extract Relationships from the parent file to point to externally referenced parts, subassemblies and Xrefs

- 4) Complete Integration: Extract as well as Update Properties and Relationships. Provide Adept access (commands, menus, buttons, and/or task pane) inside the application

All types of support include Adept viewer support unless specifically noted below.

Following is a list of the current applications that Adept supports and their respective degrees of integration:

APPLICATIONS INTEGRATED WITH ADEPT⁽³⁾

AutoCAD 2010 – 2021	Complete Integration (task pane in 2012 and later)
AutoCAD Electrical 2010 – 2021	Complete Integration (task pane in 2012 and later)
AutoCAD Mechanical 2010 – 2021	Complete Integration (task pane in 2012 and later)
AutoCAD 2000 – 2009	Only Extract/Update Attributes, Extract Thumbnails and Extract Relationships
Autodesk Inventor 2019 – 2021	Complete Integration ⁽¹⁾
Autodesk Inventor 5.3 – 2018	Only Extract/Update Properties, Extract Thumbnails and Extract Relationships
Autodesk Navisworks Manage 2019 - 2021 Autodesk Navisworks Simulate 2019 - 2021	Complete Integration ^{(1) (2)} (Viewing requires Navisworks Freedom to be installed)
SOLIDWORKS 2019 – 2021	Complete Integration ⁽¹⁾
SOLIDWORKS 95 – 2018	Only Extract/Update Properties, Extract Thumbnails and Extract Relationships
MicroStation V8 (V8xm, V8i), Connect	Only Extract/Update Tags, Extract Thumbnails and Extract Relationships
Microsoft Excel 2003 – 2019 32/64-bit Microsoft Word 2003 – 2019 32/64-bit Microsoft Office 365 ⁽⁴⁾	Extract and Update Properties
Microsoft Excel, Microsoft Word (versions prior to 2003) Microsoft Outlook 2003-2019 32/64-bit	Only Extract Properties The Outlook To Adept plug-in supports the 64-bit version of Outlook installed on local machine.

(1) Adept's CAD Integrations are WebAPI-based integrations except for AutoCAD 2018 and earlier which continue to rely on and utilize an active Adept Desktop Client session. Complete integration does not necessarily include Adept Viewer support. Please check with your Account Manager or Adept Support to verify whether Adept Viewer support is available.

(2) Adept's ability to extract Navisworks files is dependent on having Navisworks installed along with the Navisworks CAD integration (Adept Task Pane and Adept Client Services). Failure to have these components installed will result in Navisworks files not being properly extracted.

(3) Adept's CAD integration components that run inside of the CAD application are **not** supported in a Citrix environment.

(4) Support includes extraction and update of documents stored in Adept Work Areas, not on OneDrive. Any update to Office 365 applications may invalidate Adept's ability to extract and/or update documents. Before installing an update to Office 365, please check with Adept Support for details regarding Adept compatibility.

ADEPT NOTICE: PLANNED DISCONTINUED SUPPORT FOR ADEPT'S NEXT MAJOR RELEASE

For the Adept Server and all Server-Related Components:

- Windows Server 2012 R2 operating system

Adept Web Server and all Web Server-Related Components:

- Windows Server 2012 R2 operating system

Adept SQL Database Engine Components:

- Microsoft SQL 2012 Server software
- Microsoft SQL 2014 Server software

Adept CAD Integrations:

- To be determined based on release date of Adept

ADEPT QUALIFIED SOFTWARE

Adept works with a variety of software and applications including database engines, email systems, FTP servers, and operating systems. Adept has been tested and qualified using specific versions and components most commonly used by our clients. Consequently, we are able to verify that Adept works with these components. It is not possible, however, to test and qualify every possible version, brand, type or combination of components that clients may use. Typically, when clients implement Adept in an environment that contains an untested component, they find Adept works correctly-- but not always. If incompatibilities are found, please bring them to our attention. At our discretion, we may make an effort to get Adept running with that component, or we may recommend that a supported component be installed and used instead.

If you have any question about whether a particular component has been qualified with Adept, please contact Adept Helpdesk at adeptsupport@synergis.com or 215.302.3000/800.836.5440.