



Adept 8/8.1 System Requirements

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Adept 8

System Requirements

This document provides detailed information regarding the software and hardware system requirements needed to successfully install and run Adept 8 at its optimum performance. If you have any questions or you would like to see a demonstration, please call your Synergis Software Account Manager at 800.836.5440 or 215.529.9900.

Adept Server Software Requirements

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| Adept Application Server Software | Required – Must run on supported Windows® Server Operating Systems |
| Adept FTS Monitor | Optional: However, required for Adept 8 Full Text Search – Must run on supported Windows® Server Operating Systems |
| Microsoft® Indexing Service (requires IIS) | Optional: However, required for Adept 8 Full Text Search |
| Microsoft® .NET Framework 2.0/SP1 AND 3.0, or .NET Framework 3.5 | Required |
| Windows® Internet Explorer 6/SP 2, or greater | Required: With latest service packs and hot fixes installed |
| SQL Server Database Engine | Required: The following Database Engines are supported in Adept 8, and may be installed on any operating system allowed by the Manufacturer. |
| MySQL® Enterprise 5.0 | |
| Oracle® Database 9i, 10g, 11g | With latest service packs and hot fixes installed |
| Microsoft® SQL Server 2008 32bit & 64bit, 2005 and 2000 | With latest service packs and hot fixes installed |
| SQL Server ODBC Driver | Required: The following ODBC drivers are supported for each respective Database Engine, and must be installed on the same hardware as the Adept Server Software. |
| MySQL® ODBC Driver 3.5.1 or greater for Windows | |
| Oracle® Database – Current ODBC driver for Windows | Required: Please note that the Oracle ODBC driver provided by Microsoft is incompatible with Adept. |
| Microsoft® SQL Server – Current ODBC Driver for Windows | |
| 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 |
| Other qualified FTP Server software† | |

† 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 third party products: ServU, FileZilla, or CuteFTP Server.

On Novell servers, Microsoft FTP Server is not supported to manage Adept Vaults. Any Vaults located on Novell servers must be accessed by running a third party FTP server hosted on a networked Windows workstation/server. Also note that Adept does not support Novell’s FTP Server.

Adept Server Hardware Requirements

Optimal Adept Application Server requirements and recommendations will depend on your scope and use of Adept. In many cases, it will be optimal for the SQL Database Engine and the Adept Application Server Software to run on the same server. If this is the case for your deployment, please refer to the section of this document “Recommended Server Hardware Requirements”.

In instances where the Adept Application 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 (1 gigabit or fiber channel is required) due to the large volume of communication between the Adept Application Server and the database engine.

Because both the Adept Application Server Software and the SQL Database Engine take advantage of CPU threading technology, you can expect increased performance with multiple CPU’s, hyper-threaded CPU’s, or both.

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| Note | Please do not install the Adept Application Server Software on a primary or backup Domain Controller; and do not install it on a server running Microsoft Exchange Server. These deployment configurations are not supported by Synergis Software. |
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Companies using MySQL on a LAN with not more than occasional wide area or remote access should use the following recommended Server Hardware Requirements:

| Recommended Server Hardware Requirements Adept with MySQL on a LAN with occasional WAN or Remote Access | |
|---|--|
| Processor | Pentium® IV class processor or later, 1GHZ or greater, dual processors |
| Supported Operating Systems | Windows® 2000 Server, SP3 or later, Windows® 2003 Server, SP 1 or later, including the 64-bit edition, with latest service packs and hot fixes installed, Windows® 2008 Server |
| Memory | 2 GB or greater |
| Storage | 500 MB free disk space for installation, RAID Level 5 |
| Display | 1024 x 768 VGA with True Color |

Companies using Adept with Microsoft SQL or Oracle, or using Adept with MySQL on a WAN with multiple remote sites and/or a large number of concurrent users, should use the following recommended Server Hardware Requirements:

| Recommended Server Hardware Requirements Adept with SQL Server, Oracle, or MySQL over WAN, with multiple remote sites and/or a large number of concurrent users | |
|---|---|
| Processor | Pentium® IV class processor or later; 2 GHz or greater - Dual Xeon® Processors recommended |
| Supported Operating Systems | Windows® 2000 Server, SP3 or later, Windows® 2003 Server, SP1 or later, including the 64-bit edition, with latest service packs and hot fixes installed, Windows® 2008 Server |
| Memory | 3 GB or greater |
| Storage | 500 MB free disk space for installation, RAID Level 5 |
| Display | 1024 x 768 VGA with True Color |

Adept Explorer Server Requirements

This section describes the software requirements for installing Adept Explorer on your Web server. In most cases, you will install Adept Explorer server on different server hardware from the one on which you have installed the Adept Server. If you have questions regarding this requirement, please call your Synergis Software Account Manager for details.

Important Notes regarding Adept Explorer Server Software Requirements:

- **Please do not install the Adept Explorer Server Software on a primary or backup domain controller; and do not install it on a server running Microsoft Exchange Server. These deployment configurations are not supported by Synergis Software.**
- 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 to create a user on the Server who has a password that never expires, who has Local Admin Rights, and no Domain Rights.
- The Adept Desktop client software must be loaded on the same server as you install the Adept Explorer Server Software. These components play a supporting role to Adept Explorer, and do not consume an Adept License.

Adept Explorer Server Requirements

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| Adept Explorer Server Software | Required: Must run on supported Windows® Server Operating Systems |
| Sun Microsystems® Java™ Virtual Machine Runtime Environment v1.4.2 or greater | Required: Please note that Microsoft® Java Virtual Machine is not supported |
| Supported Operating Systems | Windows® 2003 Server, SP 1 or later, with latest service packs and hot fixes installed |
| Memory | 1 GB or greater to support normal server operations. At least 1 GB additional RAM for each additional 10 Adept Explorer sessions. † |
| Storage Space | 500 MB free disk space for installation, and up to 51 GB available for Viewer temp files.†† |

† The total number of Adept Explorer logins may be limited by your server configuration. Please check with your Synergis Software Account Manager for details.

††51 GB is the default disk cache size for server side Viewer renditions. The actual amount of disk space you choose to allocate can be calculated based on the largest file users will view multiplied by the total number of users who might view such a file at the same time. Please see the Adept Explorer Installation manual for details.

Adept Client Workstation requirements

Adept offers two client types: Adept Desktop (fully functional power user and administrator client) and Adept Explorer (web-based, thin client).

Adept Desktop Client Workstation Hardware and Software Requirements

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| Processor | |
| Viewing workstation | Pentium® III 300 MHz or greater |
| 2D CAD workstation | CAD software manufacturer's minimum requirements apply |
| 3D CAD workstation | CAD software manufacturer's minimum requirements apply |
| Supported Operating Systems | Windows® 2000 Professional (SP3 or later), Microsoft® Windows® XP (Professional or Home Edition, SP2), including the 64-bit edition, Microsoft® Windows Vista™ including the 64-bit edition *AutoVue Viewer does not run on Windows 2000 |
| Windows® Internet Explorer™ 6/SP 2, or greater | Required: With latest service packs and hot fixes installed |
| Microsoft Installer 3.1* | Required: *Microsoft Installer 3.1 provided with the Adept distribution and can be installed manually if needed. |
| Microsoft® .NET Framework 2.0/SP1 AND 3.0, or .NET Framework 3.5* | Required: *.NET Framework 3.5 is provided with the Adept distribution and can be installed manually if needed. |
| Memory | |
| Viewing workstation | 256 MB or greater |
| 2D CAD workstation | CAD software manufacturer's minimum requirements apply |
| 3D CAD workstation | CAD software manufacturer's minimum requirements apply |
| Storage | 500 MB free disk space for installation |
| Display | 1024 x 768 VGA with True Color and a graphics card that supports Open GL 1.1 or greater |

Adept Desktop Client Workstation and User Rights Requirements & 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

To run Adept, log in to the workstation with Power User 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\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. To learn more about supported integrations, including the nature of the integration and the application version supported, please contact your Synergis Software Account Manager at 800.836.5440 or 215.529.9900.

Adept Explorer Workstation Requirements

For client workstations running Adept Explorer, the following requirements apply:

Adept Explorer Client Workstation Hardware and Software Requirements

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|--|---|
| Supported Operating Systems | Microsoft® Windows® XP (Professional or Home Edition, SP2), including the 64-bit edition, Windows® 2000 Professional (SP3 or later), and Microsoft® Windows Vista™ including the 64-bit edition |
| Windows® Internet Explorer™ 6/SP 2, or greater | Required: With latest service packs and hot fixes installed |
| Sun Microsystems® Java™ Virtual Machine Runtime Environment v1.4.2 or greater | Required: Please note that Microsoft® Java Virtual Machine is not supported |

Adept Qualified Software

Adept works with a variety of software and applications, including ODBC drivers, 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. We may identify a comparable component that has been qualified to work, or we will make an effort to get Adept running with that component. If you have any question about whether a particular component has been qualified with Adept, please contact the Adept Helpdesk at adeptsupport@synergis.com, or contact your Synergis Software Account Manager.

For further information about Adept, please visit

www.SynergisSoftware.com

or call 215.529.9900 or 800.836.5440
