



Suite Hardware and Software Requirements - V4.10

Server/Workstation	Component	Requirements
Workstation	Hardware	Processor – Multi Core or better Memory – 2 GB Disk – 500MB Video – 1280x1024 resolution, 16-bit Colors
	Operating System	Windows 7 (32-bit) (New for V3.01) Windows 7 (64-bit) (New for V3.20) Windows 8 (32 & 64 bit) (New for V3.75) Windows 8.1 (32 & 64 bit) (New for V3.95) Windows 10 (32 & 64 bit) (New for V3.96)
	Notes:	Suite software requires Microsoft .Net Framework 3.51 Client. Suite software requires Microsoft .Net Framework 4.6.2 Client.
Database Server	Hardware	Processor - Fast multi-core or multi-processor Memory - 4 GB
	Operating System	Windows Server 2008 (New for V3.00) Windows Server 2008 R2 (New for V3.30) Windows Server 2012 (New for V3.80) Windows Server 2012 R2 (New for V3.95) Windows Server 2016 (New for V3.98) Windows Server 2019 (New for V4.01)
	Software	SQL Server 2005 SQL Server 2008 (New for V3.01) SQL Server 2008 R2 (New for V3.60) SQL Server 2012 (New for V3.80) SQL Server 2012 R2 (New for V3.95) SQL Server 2014 (New for V3.97) SQL Server 2016 (New for V3.98) Note: SQL Server Express is supported. Contact Waypoint Global for more information.
Repository Server	Operating System	Windows Server 2008 (New for v3.00) Windows Server 2008 R2 (New for v3.30) Windows Server 2012 (New for V3.80) Windows Server 2012 R2 (New for V3.95) Windows Server 2016 (New for V3.98) Windows Server 2019 (New for V4.01)
	Note:	A repository server is only used to store files in a network share. No service software runs on the repository server. Bit-ness (32/64) is not a necessary consideration.
Terminal Services (Optional)	Operating System	Windows Server 2008 (New for v3.00) Windows Server 2008 R2 (New for v3.30) Windows Server 2012 (New for V3.80) Windows Server 2012 R2 (New for V3.95) Windows Server 2016 (New for V3.98) Windows Server 2019 (New for V4.01)
	Note:	Suite software requires Microsoft .Net Framework .3.51 Client. Suite software requires Microsoft .Net Framework 4.6.2 Client.

Desktop Web Access Hardware Requirements – V7.02

Server/Workstation	Component	Requirements
Web Server	Hardware	Processor - Fast Multi Core or Multi Processor Memory - 2 gig (4 gig if combined with DRCS) Disk – 500MB
	Operating System	Windows Server 2008 Windows Server 2008 R2 Windows Server 2012 Windows Server 2012 R2 Windows Server 2016 Windows Server 2019 (Recommend Latest Service Pack)
	Software	IIS 7, 7.5, 8, 8.5 & 10 Suite software requires Microsoft .Net Framework 3.51 Full. Suite software requires Microsoft .Net Framework 4.7 Full.
Document Rendering and Caching (DRC) Server	Hardware	Processor - Fast Multi Core or Multi Processor Memory - 2 gig (4 gig if combined with Web Server)
	Operating System	Windows Server 2008 Windows Server 2008 R2 Windows Server 2012 Windows Server 2012 R2 Windows Server 2016 Windows Server 2019 (Recommend Latest Service Pack)
	Software	IIS 7, 7.5, 8, 8.5 & 10
Database Server	Hardware	Processor - Fast dual core or dual processor Memory - 4 gig
	Operating System	Windows Server 2008 Windows Server 2008 R2 Windows Server 2012 Windows Server 2012 R2 Windows Server 2016 Windows Server 2019 (Recommend Latest Service Pack)
	Software	SQL Server 2005 SQL Server 2008 SQL Server 2008 R2 SQL Server 2012 SQL Server 2014 SQL Server 2017 (Recommend Latest Service Pack) Editions: Express, Workgroup, Standard, Enterprise, Data Center and Business Intelligence
Client	Software	Browsers : Chrome (latest version), IE7, IE8, IE9, IE10 or IE11 Edge Browser Firefox (Latest version) Opera (latest version) Safari 4 Adobe: Adobe Acrobat Reader 8, 9, X, XI, DC, Chrome

You should have necessary drive space to handle the OS, the software, and the size of the PDF cache you wish to utilize (200mb is the default). Even the smallest of today's modern hard drives will provide more than enough space.

DWA will run on any Windows Server edition. Choose the edition you feel is a match for your hardware. We do not recommend using a domain controller or a Microsoft Exchange server.

For a comparison of Windows Server Editions see <http://www.microsoft.com>.

Bandwidth Requirements

Data Center (This can scale depending on the facility count being serviced. Up and down are both important.)

Recommended

1gbs up and down (dedicated)

Minimum

256mb up and down (dedicated)

Thick Client

Recommended

100mbs up and down (dedicated)

Minimum

100mbs down / 50mbs up

Thin Client

Recommended

75mbs down / 15mbs up

Minimum

50mbs down / 10mbs up

Web

Recommended

50mbs down / 10mbs up

Minimum

20mbs down / 5mbs up

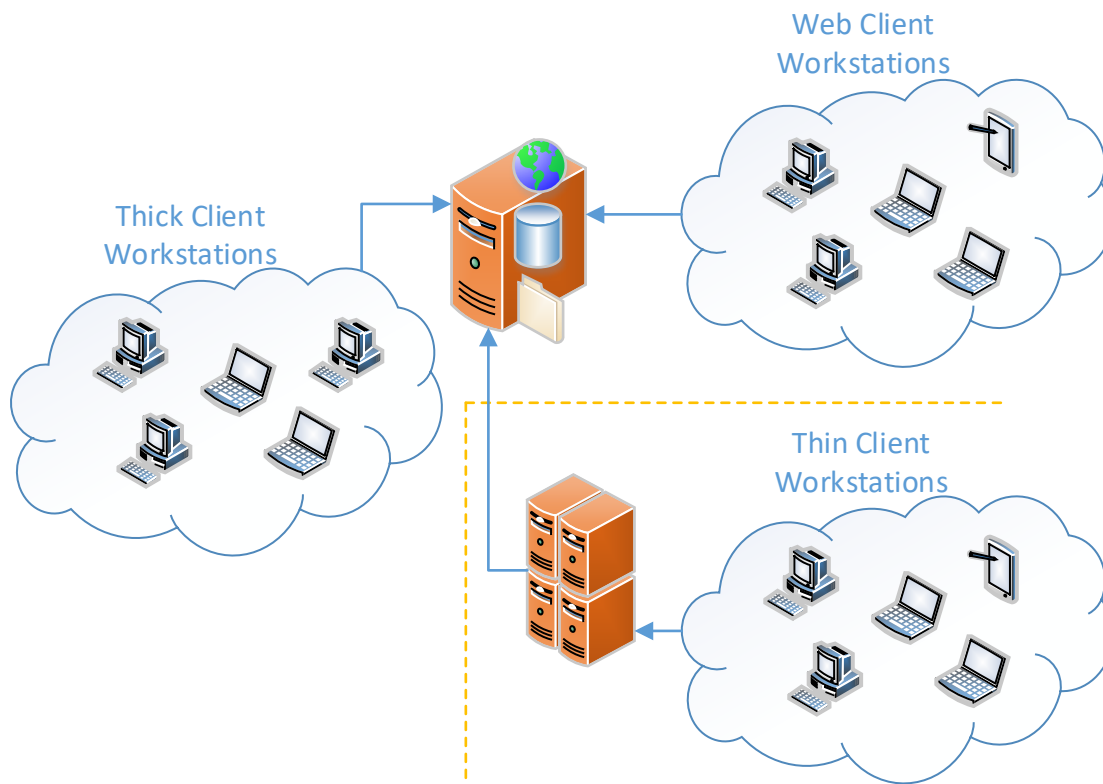
Remember a T1 is just 1.5mbs. Not much by modern standards.

Dedicated means that the line is not shared with any other businesses.

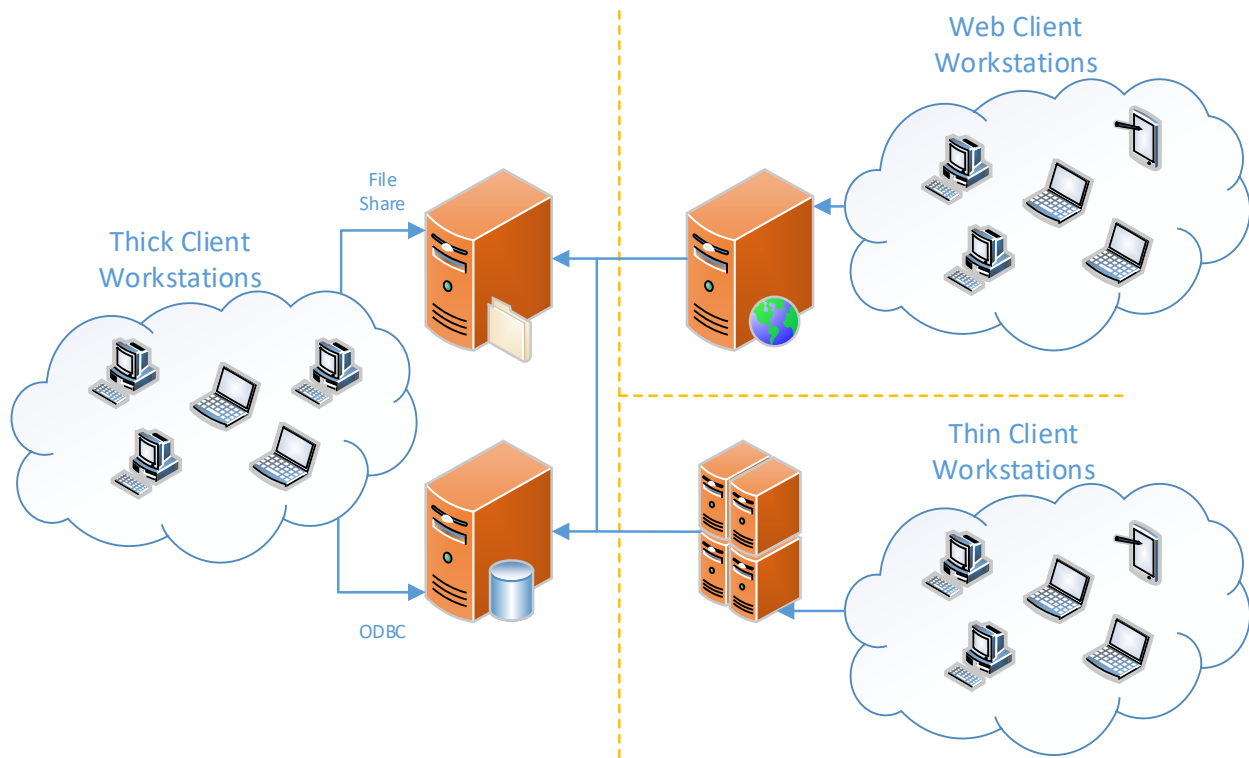
Understanding Your Installation Footprint

Suite has a different footprint from most other standalone applications. One of its goals is for users to share data and documents via a network. It is implemented using a client-server architecture where the shared data is stored in a database, Microsoft SQL Server™, as well as document repository folders. We also optionally support distributing the Suite applications to users via Web and Terminal Server or Citrix systems where we require using separate server(s). So there are possibly 1 to 4 or more servers involved in supporting an installation of the Suite. This provides the scaling flexibility to match most environments.

This diagram shows a minimally scaled Suite network footprint. This installation uses one server to host a file share for storing document repositories and our installation applications used to administer your installation. The same server host the SQL Server database. Then the server is also hosting Desktop Web Access. Then the optional use of one or more Terminal Servers or Citrix servers in a load balanced configuration.



This diagram shows a fully scaled Suite network footprint. This installation uses (1) a file server for storing document repositories and our installation applications used to administer your installation. A separate server is used for hosting the database. Optional one or more web servers for hosting Desktop Web Access. Optional use of one or more Terminal Servers or Citrix servers in a load balanced configuration.



Additionally, after the initial installation, everything you will need to setup additional workstations, Terminal Servers, Terminal Server users is on the file server. Once everything is installed to the server you can put your Installation media in a safe place. You will only need it again if you add additional modules to your installation. All your workstations can be setup from the share on the file server.

We recommend using the support provided for Network System Management tools for pushing the software to additional thick workstations.

Examples:

<http://www.adminarsenal.com>

<http://www.lansweeper.com>

<http://www.manageengine.com>