

Installing 2Simple software on a server only

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We recommend using GPO to install 2Simple s/w on each workstation in a network - this is often the quickest method. See www.2simple.com/support > Networks for more info. However it is also possible to install the s/w on a server only, as this document will describe. Installing on a server only has both advantages and disadvantages:

Advantages:

1. Potentially less time to deploy.
2. Easier and quicker to upgrade to later versions.
3. Disk space not used on local workstations.
4. Settings can be configured centrally.

Disadvantages:

1. Some files still need to be installed locally on each workstation.
2. If computers are disconnected from the network, the s/w will not be available.
3. Possible strain on the server and network – this can affect performance.
4. There are a number of special cases and extra steps involved.

Steps to install 2Simple s/w on a server

1. Install the 2Simple programs on the server. The location where the s/w is installed to should be made available to all workstations as a **mapped drive** (some 2Simple programs will not work correctly if an unmapped drive is used). **Note you cannot install directly onto the mapped drive itself** – you need to install to the local drive on the server which *hosts* the mapped drive (see “error 1926” and “error 1904” sections in the installation FAQ for more information – www.2simple.com > support > tech question > installations).
2. There are 6 installations that you still need to install on **each workstation**. The best way to do this is via GPO.

1. **Adobe Flash Player** - www.adobe.com > Get Adobe Flash Player
2. **2Simple global dll installer** - www.2simple.com/support > Downloads (This install incorporates the dlls used by all 2Simple programs. If you’re installing just one program, you can choose to deploy the Dll installer for just that program to each local workstation. The individual DLL installers are also available from the download area.)
3. **2Control NXT** cannot be run from a shared network drive – it must be installed locally. 2Control also requires 2 additional installs on each local machine – **Microsoft .NET Framework v2** or higher and **LEGO Mindstorms NXT Driver**. Note that the LEGO Driver is unable to be deployed via GPO.
4. **Temp File Creator** - <http://support.2simpleweb.com/public/tools/2Simple/> > TempFileCreator_v1.0.zip (see step 3.)

3. **2Connect, 2Create, 2Create A Story, Infant Toolkit** – These 4 programs use temp folders whose locations need to be customised so they are unique for each user (if you install them on the server only). Each program has an “ini” file where you can specify the temp folder location. The ini file is in the same folder as the program executable (the ini file is usually blank by default but gets populated after the program is used the first time.) Modify the temp folder location as below, and create the folders referred to on each local workstation - and make sure users have full permissions to these folders (The Temp File Creator MSI mentioned above creates these folders.)

2publish.ini - TempPath=C:\Program Files\2Simple Software\Infant Video Toolkit\temp files
2mmtk.ini - TempPath=C:\Program Files\2Simple Software\2Create\Temp files
2cas.ini - tempPath=C:\Program Files\2Simple Software\2Create A Story\Temp files
2connect.ini - DataPath=C:\Program Files\2Simple Software\2Connect\data

4. 2Review, 2Type - central databases.

2Review stores its database location in 2Review+.ini which is found in the same folder as the executable. Make sure the location specified is correct.

2Type looks in the registry to determine where its database is located (HKLM\SOFTWARE\VB and VBA Program Settings\2Simple Software\2Type\Settings). Double-clicking on Pathfinder.exe in the 2Type data folder will set this registry entry. You need to do this from **each** local machine.

Please make sure users have full permissions to the central databases.

- 5. 2Email** has a 2-part install, ie a server and a client install. **(a) The server** part installs the mailboxes as well as the "postman / sorter" program which delivers any mail which gets sent - this runs as a windows service. It should be installed on the server. **(b) The client** can be installed on the server as well. You'll need to locate where you installed the server the first time you run the client. Please also make sure users have full permissions to the central mailboxes. Refer to the 2Email user guide for more info.

- 6. Literacy Collection** can run fine from the server, but you need to contact 2Simple to download the latest installation.

- 7. Standard Dialogs** - change 2Create A Story and 2Publish (which is part of the Infant Video Toolkit) to use Standard Dialogs when opening and saving. To do this, after you have installed them, open the programs and go to the teacher options (Ctrl + Shift + the letter "o"). Select the "General" tab and click on the button at the bottom right with 3 dots on it. Select "use Standard Dialog Boxes" and click OK and OK again.

- 8. Ini file settings** – Many 2Simple programs store program settings in "ini" files which are located in the same location as the program executable. Where these ini files refer to locations that the program needs to know about, these locations should always be referred to in terms of the shared mapped drive – because this is how the programs will be used from the local workstations. Before the programs are used the first time, check the ini files - particularly the working directory in 2investigate.ini, and the clipart location in 2connect.ini and 2mmtk.ini (2Create) if installed using the Collection. Most other ini files are blank by default and only get populated the first time a program is run after installation – so make sure the programs are run from a workstation the first time they are used, rather than from the server itself.

- 9. Collection Launcher** – If you are installing the 2Simple Collection, the Collection Launcher provides a convenient way of accessing each of the 28 programs. For a server only install, you need to configure where the launcher looks for the programs. After installation, run the launcher from a workstation and press ctrl + shift + the letter "o". Double-click each program in the teacher options to set where the launcher looks for that program, and browse to the program executable in the mapped drive.

- 10. Alphabet Soup, Modelling Toolkit** – you need to make the "data" folder read only. See http://support.2simpleweb.com/public/docs/networks/2Simple_ThinClient_installs.pdf