

Installing 2Simple software on a thin client network / terminal server / Citrix

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Most 2Simple programs should run fine on thin client networks.

There are some special cases though:

1. **2Connect, 2Create, 2Create A Story, Infant Toolkit** – You need to customise the temp folder location so it's unique for each user. 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. Modify the temp folder location as below, and create the folders referred to on each user's My Documents folder (You need to create these folders yourself – the programs will not create the folder structure that you specify in the ini file). For this to work, each pupil will need a unique login, and a unique My Docs folder mapped to H:\ drive. The My Docs root folder should not be used as a Temp folder, as the programs empty the temp folder contents periodically. The drive letter does not specifically need to be "H" and the paths below do not have to be exactly as described; the important thing is that each user has a unique temp folder, wherever that may be.

2publish.ini - TempPath= H:\2Simple Software\Infant Video Toolkit\temp files

2mmtk.ini - TempPath= H:\2Simple Software\2Create\Temp files

2cas.ini - tempPath= H:\2Simple Software\2Create A Story\Temp files

2connect.ini- DataPath= H:\2Simple Software\2Connect\data (temp folder is named "data" here)

2. **Alphabet Soup and Modelling Toolkit** – you need to make the "data" folder read only for each of these 2 programs. Right-click the data folder and choose properties. In the "general" tab, untick and then retick the "read only" checkbox, then click "apply". Choose to apply the changes to "this folder, subfolder and files" and click OK.

3. **Music Toolkit** - only 3 parts out of 6 will work - 2explore, 2beat and 2sequence. The other 3 use MIDI technology which is not supported on thin client.

4. **2Type, 2Paint A Picture and PhotoSimple** have in some instances been reported as behaving slow and unresponsive on thin client systems, although this is also due to how powerful the server is and how many purposes it is used for at the same time.

5. **Group Logins** – This refers to school networks which do not provide individual login names per pupil, rather all pupils login using the same name. This setup works fine with 2Simple software *except* if used in conjunction with thin client-type systems. Many 2Simple programs use a temp folder to store work while the program is running. With group logins in combination with thin client, it is very difficult to ensure that a unique temp folder is used for each pupil. This issue applies to

- **2Connect, 2Create, 2Create A Story, Infant Toolkit** – see above. These use a temp folder which defaults to C:\Program Files\2Simple Software\ProgramName...
- **2Animate, 2Assess, 2Create A Superstory, 2Do It Yourself, 2Paint A Picture, 2Publish+**. These use a temp folder which defaults to C:\Documents and Settings\USERNAME\Local Settings\Temp... (2000 and XP) or C:\Users\USERNAME\AppData\Local\Temp... (Vista, Win 7). Usually this is enough to ensure a unique temp folder, but not if the username is the same for all pupils and the same C drive is used by all pupils.

All the above programs provide ini or xml file options to change the temp folder location, but this does not help here in ensuring that the temp folder is unique for each user.

Two possible solutions to this problem are :

(1) Set up individual login names per pupil.

(2) Use third-party software to create a custom sandbox which is unique for each user. We have not however tested or verified this method. One school successfully implemented this using "Sandboxie": <http://www.sandboxie.com/phpbb/viewtopic.php?t=8812&sid=cea46132735dd009102eee617a7feafa>

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