

Installation Guide: Network options

Introduction

There are two different installations you can choose for the Clarity network products.

The small network installation

This is most suitable for licences of 20 or less. It uses standard Windows programs to run.

Advantage: It is very simple to install and move around.

Disadvantages: Whilst you can use this installation for up to 40 computers, you may get performance and locking problems for more than 20 concurrent connections. If you are installing Results Manager, only v2 will run with the small installation. There is no small network installation for It's Your Job and Road to IELTS v2.

The large network or advanced installation

This will work with any number of licences. It uses a browser to run the programs.

Advantages: Performance is good for large numbers of concurrent connections. You can run programs from within a browser. Results Manager v3 will run with this installation.

Disadvantage: The installation is more complex.

Look at the corresponding section for different installation methods.

A) A small network

If you purchased a 20-user licence or less, by default the installation will create a standard network program for you. This is a Windows executable in a shared folder on the network. You run the program on each client through a short-cut to that executable. Normally you add this short-cut to each desktop.

Small networks use a Microsoft Access format database for storing progress records.

Small networks can only run from Windows client computers.

You can also force the installation to be a small network by choosing "**Force small network**" in the Advanced option below the serial number field in the installation screen.

Please note that It's Your Job and Road to IELTS v2 do not come with a small network installation – they only run with a large or advanced installation.

Server installation steps

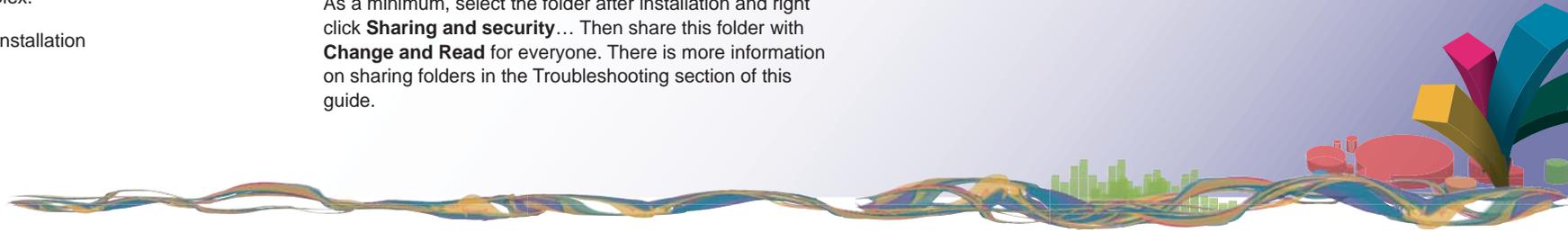
- 1 Put the CD into the computer and follow the instructions. If the CD does not automatically run, from Start choose Run and type **D:\setup.exe**, assuming D: is your CD ROM drive.
- 2 You will then be asked for your serial number, which is printed on a sticker on the box.
- 3 If the Clarity Program has different versions, for example International English or North American English, you will be asked to choose the version you wish to install.
- 4 The program can be installed to your computer or a network folder. We recommend that you install all small network programs into the same top-level folder.
- 5 A network folder must be shared with access for learners. As a minimum, select the folder after installation and right click **Sharing and security**... Then share this folder with **Change and Read** for everyone. There is more information on sharing folders in the Troubleshooting section of this guide.

- b At the end of the installation you need to activate your licence by registering it. You will be asked to type your institution name, which will be saved in the licence and displayed on the screen. You can also fill in other information to help Clarity contact you if there are upgrades for your program, or if other support materials become available. If your computer is not connected to the Internet, you can still complete this step, but please send the registration details by email to **support@clarityenglish.com**.

Client installation guidelines

- After installation on the server, you should run a client installation on each workstation. This installs Adobe's Flash ocx version and the Clarity Recorder, and makes a shortcut on the desktop. You can find the client in your installed folder at: **\\Install\ClarityProgram\SmallNetworkClient.exe**.
- Otherwise, manually make a shortcut on each client pointing at: **ClarityProgram.exe** if you know that every client has Adobe's Flash ocx (the Internet Explorer version) installed. This program will crash without the Flash player.
- If you are not sure that every client has the Flash player installed, shortcut to **Start-ClarityProgram.exe**. This is the safest way to start the program as it will install Flash if it is not present. It is the recommended short-cut.

NOTE: Substitute [ClarityProgram] with the title of the program you are installing, eg *TenseBuster*, *ActiveReading*, etc.



B) A large network or advanced setup

If you purchased a licence larger than 20 computers, by default the installation will create a large network program. This installation will create a browser-based program for you. This is built using a small webserver installed on the network with the Clarity program running from that. Each client can connect through their browser or through a normal Windows program.

Large networks use SQLite as the database for storing progress records.

Large networks can be run from any computer that has a browser running Adobe's Flash player.

You can also force the installation to be a large network by choosing "**Force large network**" in the Advanced option below the serial number field in the installation screen.

Please note that the following programs do not come with large networks. These can only be installed as small networks: Author Plus, Road to IELTS V1, My Canada, Peacekeeper, Customer Service Communication Skills and English for Hotel Staff.

Server installation steps

- 1 Put the CD into the computer and follow the instructions. If the CD does not automatically run, from Start choose Run and type **D:\setup.exe**, assuming D: is your CD ROM drive.
- 2 You will then be asked for your serial number, which is printed on a sticker on the box.
- 3 If the Clarity Program has different versions, for example International English or North American English, you will be asked to choose the version you wish to install.
- 4 You will be asked if you want to configure the webserver manually. If you let the program configure for you, it will detect your server's IP and choose 10082 as the Clarity webserver's port. You can change these by choosing advanced configuration but only do this if you have another webserver using this port.
- 5 You will be asked for the installation path on the next screen. If you have already installed a Clarity program, the system will auto detect it and recommend you to install in the same folder. We recommend that you install all large network programs into the same top-level folder.

- b At the end of the installation you need to activate your licence by registering. You will be asked to type your institution name, which will be saved in the licence and displayed on screen. You can also fill in other information to help Clarity contact you if there are upgrades for your program or other support materials become available. If your computer is not connected to the Internet, you can still complete this step, but please send the registration details by email to **support@clarityenglish.com**.

Client installation guidelines

- After installation on the server, the recommended step is to run a client installation on each workstation. This installs Adobe's AIR, the Clarity Recorder and makes a shortcut on the desktop. Using this method, it appears that you are not running the program in a browser, but as a regular Windows program. The client can be found in your installed folder at **Install\ClarityProgram\LargeNetworkClient.exe**.
- Since this is a browser-based program, you can also run it either by typing a URL in your browser or making a link on one of your own webpages.

NOTE: Substitute [ClarityProgram] with the title of the program you are installing, eg *TenseBuster*, *ActiveReading*, etc.

Advanced configuration

The Clarity webserver is installed on port 10082. You can change this, and the IP address of the server during installation. This webserver is a simple Apache server, and you can configure and adapt it any way you like. There are other changes you can make to the configuration, such as using your own webserver or database system. Please do contact us at **support@clarityenglish.com** or check the support website **www.ClarityEnglish.com/Support**.

Troubleshooting

Copy-protection

This CD is copy-protected using SecuROM from Sony. You must use the original CD to install the program. You don't need the CD after installation though we recommend keeping it safe in case you need to reinstall at a later date.

As part of the protection the CD will be checked for a special signature. This can take up to a minute, during which time your mouse cursor will display a spinning CD.

The copy-protection can cause two side-effects:

- a) **Time-out.** On some computers, especially running Windows Vista, it can take more than a minute to read the signature. If this happens you might see a SecuROM message telling you that it has run out of time. Please click the "Try again" button, or Cancel and then take the CD out and then put it back in the computer again. This should then work.
- b) **False positives.** There are rare cases where SecuROM will tell you that your original CD is a copy. If this happens, please firstly see if you have a CD emulator running, and disable that before trying again. Otherwise please contact us and we can help you find a fix for this situation.

Network permission

The main Clarity folder on the server must be readable by the clients in order to make the Clarity programs run.

For small network installations, the whole installation folder and all the files / subfolders need to be shared with read permission to the students. The /Database folder and score.mdb file need to be set with read and write permission to the students.

For large network installations, the folders and database permission are set by the webserver so manual configuration is not needed.

