

## DataStudio Installation On A Network Server

It is possible to install DataStudio on a network server such that client computers can run the software without having a complete installation locally. For a large number of client stations, it is still advisable to consider client “ghosting” or “imaging” strategies for installing DataStudio (or any program, for that matter), rather than installing the software on the server. These instructions are prepared so that an IT person or Network Administrator can perform them. Windows users uncomfortable with batch files, or using the registry editor “regedit” should refer these instructions to an IT or Network administrator.

### Windows Computers

- 1 On a client computer, log in as an administrator and connect to the required server. Be sure that the client will automatically re-connect after each boot. For this example, we will say that the server’s name is “MyServer” and the shared area is “Shared”.
- 2 Create a new folder in “\\MyServer\Shared” for DataStudio. For this example, we will name the folder “DataStudio”.
- 3 On the client, run the DataStudio installer (from a CD, or from the downloaded installer).
- 4 When the installer prompts you to choose a destination, choose “\\MyServer\Shared\DataStudio”.
- 5 When the installer is finished, run DataStudio, and enter your Site License keys for DataStudio and WAVEPORT. If you are using only the Lite configuration, or the demonstration of WAVEPORT, click the lite/demo buttons rather than entering keys.
- 6 The software will now be on the server, and the first client will be set up to run it from the server. The following parts of the DataStudio installation will still be on the local client’s disk:
  - a. A USB device driver (PSSensor.sys)
  - b. An INF file (PSSensor.inf)
  - c. A font (DataStudioSymbol.ttf)
  - d. A shortcut to “\\MyServer\Shared\DataStudio\PASPortal.exe” which is added to the start menu under “Startup”.
  - e. Shortcuts to “\\MyServer\Shared\DataStudio\DataStudio.exe” on the desktop and in the start menu under “DataStudio”.
  - f. Several registry entries under the key “HKEY\_LOCAL\_MACHINE\SOFTWARE\PASCO scientific”. This also is where the license keys and serial numbers are stored.
- 7 To set up additional clients, the following two options are available:
  - a. On each additional client, perform steps 1, 3, 4, and 5.
  - b. Create a batch file and a “.reg” file to replicate 6a through 6f on each additional client. You can copy the driver, font, and shortcut files into one directory, and have the batch file copy them to the appropriate client folders. Regedit can be used to export the “HKEY\_LOCAL\_MACHINE\SOFTWARE\PASCO scientific” registry entries into a “.reg” file which will replicate the paths entries and license keys.
- 8 To upgrade DataStudio to a later version, repeat 1, 3, and 4 with the new installer on the original client on which the first installation took place.

## Macintosh Computers

- 1 On a client computer, log in as an administrator and connect to the required server. Be sure that the client will automatically re-connect after each boot. For this example, we will say that the server's name is "MyServer" and the shared volume is "Shared".
- 2 On the client, run the DataStudio installer (from a CD, or from the downloaded installer). On Macintosh, the DataStudio installer always installs to the "Applications" folder appropriate for the Mac OS version.
- 3 When the installer is finished, run DataStudio, and enter your Site License keys for DataStudio and WAVEPORT. If you are using only the Lite configuration, or the demonstration of WAVEPORT, click the lite/demo buttons rather than entering keys.
- 4 The software will now be installed and licensed on the client. The DataStudio installation has created the following items on the local client's disk:
  - a. The DataStudio folder in the system Applications folder.
  - b. A "DataStudio™" folder on the root of the hard disk. This folder contains only a folder "eLabs" which may be required for some experiment installers from PASCO.
  - c. A "DataStudio Preferences" file under "/Library/Application Support" (Mac OS X), or "HD:System Folder:Application Support" (Mac OS 8, 9).
  - d. A Mac OS 8/9 USB device driver "PSSensor" in "HD:System Folder:Extensions" (Mac OS 8/9 only)
  - e. A background user login utility "PASPORT Monitor" in "HD:System Folder:Extensions" this utility starts the PASPORT sensor detection/launcher utility "PASPortal" (Mac OS 9 only)
  - f. The "PASPORT Monitor" utility in the "HD:System Folder:Startup Items" folder (Mac OS 8 only).
  - g. A font in the system fonts folder (DataStudioSymbol.ttf)
  - h. An entry in the MacOS X login items to launch "PASPortal" when any user logs in. (MacOS X Only. There is no specific file of MacOS X where this setting is visible.)
- 5 Move the entire "DataStudio" folder from the system Applications folder to "Shared".
- 6 Create a shortcut to "Shared:DataStudio:DataStudio" (the DataStudio program) on the desktop of the client.
- 7 Edit the text file "DataStudio Preferences" mentioned in 4d. Replace all occurrences of "HD:Applications:DataStudio" (Mac OS X) or "HD:Applications (MacOS 9):DataStudio" (Mac OS 8,9) with "Shared:DataStudio".
- 8 The software is now on the server and the first client is set up to run it from the server.
- 9 To set up additional clients, copy the files mentioned in 4c-4g, and 6 to a common folder on the server.
- 10 On each additional client, do the following:
  - a. Copy the files mentioned in 9 to their appropriate places.
  - b. (PASPORT users with Mac OS X Only) On each additional client, for each user, add a login items entry using System Preferences to run the program "Shared:DataStudio:PASPortal".