

Purpose – Provides information on the FT4 Software Suite, including details of the individual components and installation instructions.

WHAT IS THE FT4 SOFTWARE SUITE?

The FT4 Software Suite is a collection of Freeman Technology supplied programs that are rolled up into one installable package. The suite does not actually install the individual packages as this would require previous versions to also be uninstalled. Rather than do this automatically, or by asking many questions before installing this package, it leaves the choice of what to install or not, to the user.

The FT4 Software Suite contains programs that are known to work together, and therefore makes a convenient package for Operating System migration or just as a known stable reference point for a user's system.

This FT4 Software Suite is primarily provided for use with the Freeman Technology FT4 Powder Rheometer, although the Data Analysis and FT4 Support Documents programs can be installed onto other PCs within the organisation.

FT4 SOFTWARE SUITE INSTALLATION

PREREQUISITES

Please contact Freeman Technology to obtain details of the download area for the latest FT4 Software Suite. The package comes pre-installed on new instruments.

The installation program will run on 32-bit and 64-bit Windows Operating Systems and will run as a 32-bit program.

THE INSTALLATION PROCESS

1. Obtain the FT4 Software Suite executable file.
2. Run the file on the FT4 Powder Rheometer (user must be logged in with installer access rights), or on a desktop PC if you are installing Data Analysis or FT4 Support Documents on another computer.
 - Note this installer WILL NOT install the programs, it just unpacks them.
3. After running the FT4 Software Suite, the files showing in (Fig. 3) can be accessed from a Windows Explorer session.
 - Note that the suite is date stamped, and that other versions will not overwrite this version, so that it is possible to maintain a library of Freeman Technology applications if necessary.
4. INF384_Software_Revision_History-FT4_Software_Suite.pdf contains the revision history for the software suite that has been installed.
5. The individual setup files can then be used to install the 3 software packages.
6. The current versions of the software should always be removed prior to installing another version.
7. The files (where x denotes the generation of product, and NN denotes the revision) are:
 - a) Setup_SDx_vNN.exe – This is the FT4 Support Documents program installer.
 - b) Setup_DAx_vNN.exe – This is the Data Analysis program installer.
 - c) Setup_PRx_vNN.exe – This is the Powder Rheometer program installer.

- d) Some notes relevant to the Powder Rheometer software.
 - i. This program will install device drivers that are associated with the instrument.
 - ii. Without the device drivers and the associated hardware, this program will not function correctly.
 - iii. **Before completing the PR5 installation (on an FT4 Powder Rheometer only) you will need to Tick the Update the FT4 System Drivers (will reboot) box (Fig. 1) as shown below:**

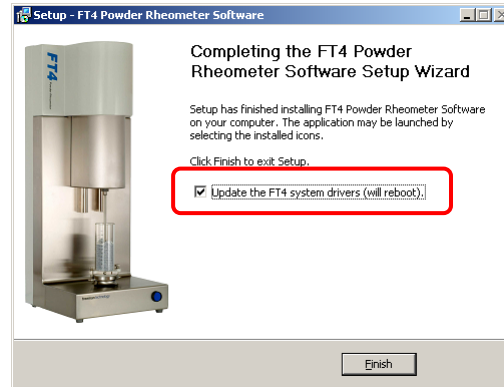


Figure 1 - Update the FT4 System Drivers Question

After clicking on the Finish button, the 'Windows can't verify the publisher of this driver software' warning is displayed (Fig. 2). Click on the "Install this driver software anyway" arrow. After a few seconds, the instrument will restart.

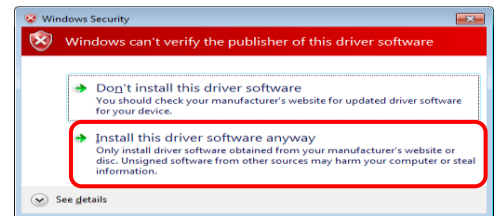


Figure 2 - Allow Unsigned Driver Pop-up

- 8. It is recommended that the Powder Rheometer program is installed last so that no further actions are necessary following the required restart.
- 9. The Utilities folder contains artefacts that may prove useful to FT support staff when setting up Operating System migrations.

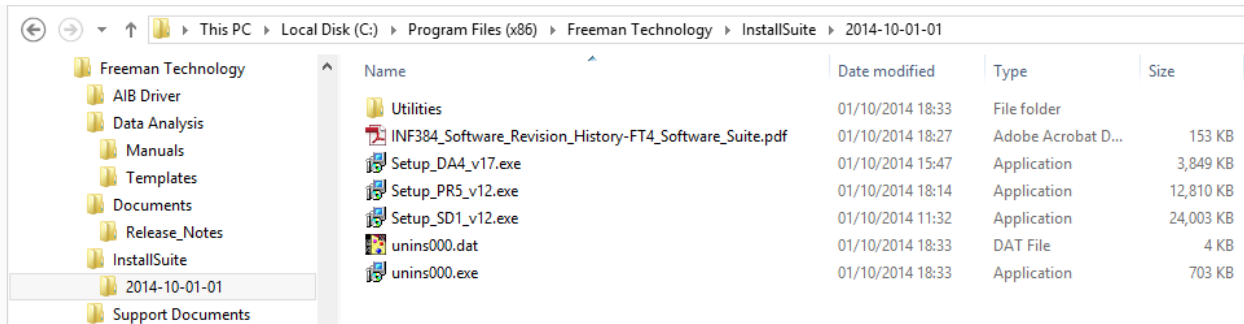


Figure 3 – Screen capture of the installed Software Suite in the Windows file system

APPENDIX 1 – GOOD PRACTICE

- 1. Always uninstall the previous version of an application before installing another version.
- 2. It is recommended to keep software packages from the same suite installed together, as this represents a tested and robust combination.