

TommySoftware® CAD/DRAW 4 Installation Commands

Typical Installation or Installation

Custom Installation

Copy Single Files

Uninstallation

Exit

General

What Does The Installation?

Installation Modes

Network Installation

Installation Files

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Typical Installation or Installation

Choose this command if you want to carry out a complete installation. This will ensure that all the necessary files are copied to be able to make use of all functions of CAD/DRAW 4.

You can specify the directory to which CAD/DRAW 4 should be installed. Further subdirectories are created in this directory and the files are copied to these subdirectories. If the installation program finds an existing file with the same name in the same place, a warning appears and you can decide how the installation program should proceed.

During installation entries are created in the Windows registration database. Optionally, a icon group can be created.

Note: If you want to carry out a special network installation (see Network Installation) start the command Custom Installation (this command is not available in the demo and try-before-you-buy version of CAD/DRAW 4)

Custom Installation

Choose this command (not available in the demo and try-before-you-buy version of CAD/DRAW 4) if you want to carry out the installation manually. You can choose between a normal installation and a network installation (see [Installation Modes](#) and [Network Installation](#)). Additionally you can specify depending on the chosen installation mode which files to copy.

You can edit the directory in which CAD/DRAW 4 should be installed. You can also specify separate directories for the drawings and libraries. All files are copied to these directories. If the installation program finds that a file with the same name already exists in the target directory, a warning appears. You can then choose how the installation program should proceed.

During installation entries are created in the Windows registration database. Optionally, a icon group can be created.

Copy Single Files

You can use this command (not available in the demo and try-before-you-buy version of CAD/DRAW 4) to copy single files from the installation disks or CD to the relevant directories.

In order to carry out this command, CAD/DRAW 4 must already be installed. The CAD/DRAW 4 directory, which cannot be changed, is shown. The current library and drawing directories are also shown, and these can be changed if necessary. If a directory which does not already exist is entered, it will be created automatically.

All available files are shown in the list box. You can select one or more files. To select the first file, click on it with the mouse pointer. To select further files, press and hold down the CTRL key and click on the other items. Release the CTRL key when you have selected the last file (this process is the same as selecting multiple files in the File Manager). If you want to select all files, simply click on the relevant button.

Next to each file in the list box, apart from its name, length and disk or CD number, is the type of file. This shows which directory the file will be copied to. "Program" means that the files will be copied to the CAD/DRAW 4 directory. "Drawing", "Library" mean that the files will be copied into the drawing or library directories displayed above.

If the installation program finds that a file with the same name already exists in the target directory, a warning appears. You can then choose how the installation program should proceed.

Note: Please use only this command to copy individual files from the installation disks or the CD. The installation files are stored in compressed form and are uncompressed automatically when using this command.

Uninstallation

You can use this command to uninstall the program. Your system is returned to the state it was in before CAD/DRAW 4 was installed.

To do this, the CAD/DRAW 4 directory, the drawing and library directory including subdirectories and all the files in them are deleted including files created after the installation of CAD/DRAW 4 (e.g. your own drawings and libraries)!

In addition all entries in the Windows registration database are deleted. If present, the icon group is also removed.

You should only use this command if you are sure that you no longer require the files in the directories to be deleted or that you have made backup copies.

Note: If several people are using CAD/DRAW 4 or CAD/DRAW 4 was installed on a network (see [Network Installation](#)), and there are drawings or libraries used by more than one CAD/DRAW 4 installation from various client machines, make especially sure that no important data will be lost by carrying out this command.

Exit Installation

This command terminates the installation program.

What Does The Installation?

The installation program copies all files from the installation disks or the installation CD respectively to your computer's hard disk. It adds entries to the registration database and optionally creates an icon group.

Please read the file [README.WRI](#) after finishing the installation. To do this, double-click on the corresponding icon in the CAD/DRAW 4 group. This file contains the latest information about CAD/DRAW 4.

Note: In the demo and also in the try-before-you-buy version of CAD/DRAW 4 are the following installation commands not available: "Custom Installation" and "Copy Single Files".

Installation Modes

After starting the command Custom Installation you can choose between 3 installation modes:

Stand-Alone Computer

This is the normal case. CAD/DRAW 4 is installed ignoring any network which may be present. This mode should be chosen if CAD/DRAW 4 is to be run independently. All files, regardless of whether CAD/DRAW 4 possibly has been installed on the server already, are copied to the local hard disk.

Server

This mode installs CAD/DRAW 4 on a network server. The server installation should be carried out directly on the server, and not from a client machine on the network, in order to ensure that CAD/DRAW 4 can also be used from the server. Installing CAD/DRAW 4 on the server from another computer on the network is possible, but does have the disadvantage that under some circumstances the program can only be run in a restricted manner from the server.

For the following client installation of CAD/DRAW 4, it does not matter whether the server installation was carried out directly on the server or from another computer on the network.

Networks, as referred to here, always mean server based networks. In this type of network there is always a central computer, the server (on large networks there may be several). All other computers on the network, the clients, have access (which may be restricted) to programs and files on the server.

A copy of CAD/DRAW 4 installed on the server can be used by several clients. This has the advantage that not all CAD/DRAW 4 files need to be installed on every machine (saving hard disk space). And also all drawings and libraries can be stored and managed centrally and accessed by all users.

On peer-to-peer networks all computers have the same rights: there are no servers. A stand-alone computer installation should be carried out on each machine in a peer-to-peer network.

Note: All the installation files are always copied during a server installation. The same is true for a Custom Installation. This is necessary to guarantee that all the files needed for a client installation are present on the server.

Client

A client installation can only be carried out if CAD/DRAW 4 has already been installed on the server. During installation, the path on the server where CAD/DRAW 4 is located must be specified.

The client installation has the advantage that not all CAD/DRAW 4 files need to be copied (saving hard disk space) because CAD/DRAW 4 is started from the server.

CAD/DRAW 4 needs certain initialization data (e.g. directory names) when it starts, which it gets from the Windows registration data base of the client computer and from initialization files in the CAD/DRAW 4 directory on the client. In this way, any number of client machines can execute the copy of CAD/DRAW 4 on the server, but still retain individual settings, because these are taken from registration data base and from initialization files in the CAD/DRAW 4 directory on the respective client machines.

Note: During a client installation the program itself, the files for CAD/DRAW 4 Program Documentation and Interactive Tutorial are never copied, as the corresponding files on the server are used. During

Custom Installation the corresponding check boxes are therefore disabled.

Network Installation

Server Installation

Firstly, CAD/DRAW 4 must be installed on the server. It is best to do this from the server itself. Place the first installation disk into the server's disk drive or insert the CD respectively and then start the installation program. Optionally, server installation can also be carried out from a client machine (see [Installation Modes](#)).

Next, select the [Custom Installation](#) command and choose "Server" mode in the [Installation Modes](#) dialog.

You can then enter the directory names for CAD/DRAW 4, the drawings and the libraries. These directory names should be on the hard disk of the server in order to ensure that all the clients can access them.

Note: It is a good idea to make a note of the directory names as they will be needed when performing client installations.

Continue the installation. At the end of the installation you have the opportunity to create a icon group. You should do this if you intend to run CAD/DRAW 4 directly from the server. If this is not the case or if the server installation was carried out from a client, it is not necessary to create the group.

You can now exit the installation program. This completes the server installation, and you can proceed with client installation.

Client Installation

Client installations must always be carried out on the client computer where CAD/DRAW 4 is to be run. For example, you cannot carry out a client installation for client A from client B. See also [Installation Files](#).

Place the first installation disk into the client machine's disk drive or insert the CD respectively and then start the installation program. Next, choose the [Custom Installation](#) command and select "Client" mode in the [Installation Modes](#) dialog. A dialog appears in which you can enter the path names for the CAD/DRAW 4 server installation. Clicking on the "Browse" button calls a dialog with the help of which you can easily specify the correct paths.

You then have the chance to specify the path names for CAD/DRAW 4, the drawings and the libraries. The CAD/DRAW 4 directory should be on the client's local hard disk. There are two choices for drawings and libraries:

- If you wish to use drawings and libraries which are already installed on the server, then specify the names of the library and drawing directories for the server installation of CAD/DRAW 4. And clear the check boxes for drawings and libraries. This will prevent the libraries and drawings being copied again, and will ensure that the client installation of CAD/DRAW 4 uses the libraries and drawings stored centrally on the server. This saves space on the client's local hard disk.
- If you prefer to keep the drawings and libraries on the client machine, enter drawing and library directories on the local hard disk, and enable (if not already done) the check boxes for drawings and libraries. This method does require more space on the local hard disk, but does have the advantage that drawings and libraries cannot be changed or deleted by other users.

Which of the two methods you choose depends on your individual requirements (or those of your company). It would also be possible to use a combination of both methods:

- As an assumption, you might have developed special libraries to be used by everyone in your company. It is advisable to keep these only in the library directory of the server installation of CAD/DRAW 4. This guarantees that only one version, the newest, of each library exists and is used by everyone. To do this, specify the server library directory during the client installation and clear the appropriate check box. Specify a path on the local hard disk for the drawing files directory, and enable the appropriate check box. This ensures that you have access to the centrally stored libraries and can at the same time manage your drawings locally.

Note: You can change the drawing and library paths later. In CAD/DRAW 4 choose the command "Configuration>Options>Paths" and specify the desired paths.

Installation Files

During the installation you must specify which disk drive (usually `A:` or `B:`) the first installation disk is in. If you install from a CD please specify your CD ROM drive.

The following is only meant for disk installation: As soon as all the files from one disk have been successfully copied, a message appears asking you to insert the next disk. The installation disks are not written to during installation; they can (and should) be write protected.

Instead of installing from disk or CD, you can install from the hard disk. This is advisable when installing CAD/DRAW 4 on a network, when the installation has to be carried out several times (once for the server and n times for the clients). Installing from the hard disk requires much less time.

For this copy all the files from the installation disk or CD respectively to the hard disk. This hard disk should be on the server and accessible by all the client computers. Use the File Manager to do the copying. Before doing the copying you should create a directory which will be the target directory for the installation files, e.g. `C:\COPY`.

All files should be copied to the same directory. Please be sure to copy *all* files. Otherwise missing files could result in a faulty installation.

When the installation files have been copied, you can proceed with the actual installation. The installation must always be carried out from the computer on which CAD/DRAW 4 is to be run. Start the installation program from this computer. Preferably the one which is located in the directory on the server with the installation files (`C:\COPY\TS4_INST.EXE`). During the path entry of the installation files you specify `C:\COPY`.

After installing CAD/DRAW 4 on the server you should remove the directory `C:\COPY` because the installation files are not needed any more.

