

OneSpace Designer Drafting Installing and Configuring on Windows

Installing and Configuring Designer Drafting

Introduction

This manual is intended for customers who have purchased OneSpace Designer Drafting to operate on computers with the Microsoft Windows 2000® or Windows XP Professional® operating systems. This manual describes:

- The minimum system requirements for Designer Drafting
- What should have been done before you install Designer Drafting
- The MEIs license server installation procedure
- The CoCreate OneSpace Designer Drafting installation procedures
- How to uninstall or re-install Designer Drafting

Note that the installation instructions provided in this manual assume that you will complete the installation procedure from CD in a single session.

System Requirements

Your Designer Drafting software is a 32-bit application requiring the following minimum configuration:

Computer	Intel® Pentium® or higher or compatible CPU, with CD-ROM drive
Hard Disk	A minimum of 160 MB free disk space is required for full installation
RAM	256 MB RAM (or higher)
Video Display	1024x768 resolution or higher
Mouse	Windows-compatible mouse with appropriate driver software
Operating System	One of the following:

- Windows 2000
- Windows XP Professional

Preparing for Installation

Before you begin the software installation procedure, make sure that:

- The system hardware has been configured correctly (if not, refer to the hardware manuals).
- The operating system has been installed.
- The mouse has been installed and configured correctly.
- The display resolution is set to 1024x768 or higher.
- The password required for running Designer Drafting has been obtained. Refer to Obtaining Password(s) for further details.
- The security device (a LAN card installed in your computer or an MSU device) required for the MEIs License Server has been installed. Follow the manufacturer's instructions when installing and configuring this security device.

Obtaining Password(s)

Before you begin to install Designer Drafting and/or the MEIs License Server, proceed as follows to obtain your password(s) from the CoCreate Password Center:

1. Read the Entitlement Certificate and the Password Request Form supplied with Designer Drafting.
2. Fill in the Password Request Form. Instructions for obtaining the physical ID of your security device are provided on the second page of the Password Request Form.
3. Send the completed Password Request Form to the CoCreate Password Center.
4. When you have obtained your password(s), proceed to Installing the License Server or skip to Adding Licenses.

Installing and Configuring the License Server

Designer Drafting requires the MEIs license server.

Check whether or not the MEIs license server software is already installed on your system (or accessible via your network) by clicking **Start, Programs, CoCreate, MEIs License Server, Start MEIs**.

To install the MEIs license server, simply follow the instructions displayed in the MEIs installation dialog.

The License Server (MEIs) handles the use of licenses and prevents unauthorized users from accessing your CoCreate software.

Note

If you have several workstations in a network running CoCreate software products, you only need to install the License Server software on one of these workstations. This workstation is identified by its hostname. See [Specifying the Hostname](#) for further information.

Adding Licenses

When the MEIs License Server is installed, proceed as follows to add licenses for Designer Drafting:

1. In the License Server Installation window (see [Installing the License Server](#)), click **Configure Licenses**.
2. When prompted to select a security device port (either a COM port or a LAN port), be sure to select the port associated with the security device you specified on your Password Request Form. The installation program automatically detects the physical ID associated with your security device.
- 3.
4. # @(#) MEIs.conf
5. #
6. # The format of each entry is:
7. # <certificate number> <password> [<access list>] [#<product description>]
8. #
9. # For example:
10. Hdocume08700123 9444889f34f0c46c0569c48636116007
11. allow 12.15.80.0 to 12.15.87.255 #
WorkManager Document rev. 7
12. Hsd10bse00200123 e8afa3c47a9ebd34691c3b46b461db9f
13. allow 12.0.0.0 to 12.255.255.255 #
Designer Modeling rev.12.0
14. Hme110019800123 716d767e00e7e87cb12a7b85e3f47c95
15. allow 44.1.2.3 # Designer Drafting rev.
12.0

(Note: The lines in this example have been split to fit on the page. Do NOT insert a CR/LF (carriage return/line feed) character between the 32-digit password and the 'allow' statement! Make sure that there is a single space only.)

16. Save the MEIs.conf file.

For further instructions on how to install, use and manage the License Server, refer to the *License Security Handbook* supplied in HTML format in your MEIs installation directory. For example:

C:\Program Files\CoCreate\MEIs\index.html

Alternatively, access the following:

`ftp://www.cocreate.com/cocreate/MEls/MEls.manual/index.html`

or on the CoCreate Electronic Manuals CD:

`htm\english\MEls\MEls.Manual\index.html`

Specifying the Hostname

During the Designer Drafting installation procedure, you will be prompted for the hostname of the computer running the MEls License Server for this product. Specify any of the following:

- | | |
|------------------------------|--|
| <code>localhost</code> | You can simply tick the <code>Use local host</code> checkbox in the dialog if the License Server runs on the same computer as your CoCreate software product(s). |
| <code>IP address</code> | Enter the IP address of the computer running the License Server for your CoCreate software product(s). |
| <code>Actual hostname</code> | Enter the hostname of the computer running the MEls License Server for your CoCreate software product(s). See <i>Obtaining the Hostname</i> . |

Obtaining the Hostname

To find out the hostname of the computer running the MEls License Server, open a DOS shell on that computer and enter `hostname`.

Alternatively, to obtain a full list of hostname and IP address information, enter the following command in a DOS shell:

```
ipconfig.exe /all
```

For example, if the actual hostname of the computer running the License Server is `coc12345p`, enter the following line:

```
LICENSE_SERVER `coc12345p`
```

Starting the License Server Manually

By default, the MEls License Server starts up automatically. Optionally, you can start MEls manually.

1. Change to the directory where the MEls license server is installed.
2. Click on `MEls.exe`.

Installing and Configuring Designer Drafting

1. Log on as a user with administrator or power user privileges.
2. Insert the CD-ROM.
3. Double-click the file *setup.exe*.
4. Follow the instructions in the installation procedure.
5. When the installation is complete, you can find OneSpace Designer Drafting in the **Start > Programs > CoCreate** menu.

Starting and Exiting Designer Drafting

To start Designer Drafting, either click the associated Designer Drafting icon or:

1. Click **Start**.
2. Click **Programs**.
3. Click **CoCreate**.
4. Click **CoCreate OneSpace Designer Drafting**.
5. Click the Designer Drafting option you want to use:

Designer Drafting	Designer Drafting uses the standard Windows style user interface
Designer Drafting (Classic UI)	Designer Drafting uses the classic user interface familiar to users of HP-UX workstations.
Designer Drafting (Mixed UI)	Designer Drafting uses a mixture of the two user interfaces mentioned above.

The Designer Drafting Splash Screen

The Designer Drafting splash screen is displayed while Designer Drafting starts. If Designer Drafting fails to start properly, the splash screen aborts, and an error message is displayed.

If you want to suppress the Designer Drafting splash screen, add the following line to the `me10.ini` file in the Designer Drafting installation directory:

```
MENOSPLASH=1
```

By setting this variable to 0, you can re-enable the Designer Drafting splash screen.

Switching Languages

By default, the Designer Drafting user interface is displayed in the language to which the `language` variable of your operating system is set. To switch to the language of your

choice while Designer Drafting is running, enter the appropriate command in the user input line:

Language Command

English	<code>change_locale 'en'</code>
French	<code>change_locale 'fr'</code>
German	<code>change_locale 'de'</code>
Italian	<code>change_locale 'it'</code>
Spanish	<code>change_locale 'es'</code>
Japanese	<code>change_locale 'ja'</code>

Alternatively, specify this command above the `Startup_menus` string in the `startup.m` file contained in the Designer Drafting installation directory.

Note

The Japanese version of Designer Drafting requires a Japanese operating environment.

If you installed Designer Drafting in Custom mode, any languages you deselected during installation will not be available at Designer Drafting runtime.

Exiting Designer Drafting

To exit Designer Drafting, click **Exit**, **Confirm** and **Yes**, or type `exit confirm` and press [Enter]

Uninstalling Designer Drafting

The uninstall program removes the Designer Drafting-related files you installed and deletes associated entries from the registry. Other files (such as font files) that have been saved or put in the `Designer Drafting` directory are not removed.

Setting Up a Serial Graphics Tablet for Designer Drafting

Designer Drafting supports a number of popular serial graphics tablets, including the WACOM intuos² and UltraPad families.

Proceed as follows to set up Designer Drafting for tablet support:

1. Install the tablet driver(s) supplied by your tablet vendor.
2. Connect the tablet to the COM1 (serial) port of your system. Set up the tablet. Follow the instructions provided by your tablet vendor.
3. Print or plot the appropriate Designer Drafting overlay. Note that a number of tablet overlay files (named `ovl. . .`) are provided in the Designer Drafting installation directory. Place this overlay on your tablet.
4. Use a text editor to open the `me10.ini` file located in the `old_ui` subdirectory below the Designer Drafting installation directory.
5. In the `me10.ini` file, set the following variables as shown below.
- 6.
7. `MELOCATORPORT=com1`
8. `MELOCATORDRIVER=wintab`
9. Start Designer Drafting in the Classic User Interface mode by selecting: **Start, Programs, CoCreate Designer Drafting, Designer Drafting (Classic UI)**.
10. To calibrate the tablet for use with Designer Drafting, enter the following command in the Designer Drafting command line:
- 11.
12. `calibrate_tablet`
13. When prompted, pick three reference points on the tablet.

Mouse vs. Tablet

Note that you can use either a mouse **or** a tablet (but not both at the same time) as the pointing device in Designer Drafting.

The instructions provided above set up a tablet as your pointing device in Designer Drafting. If you want to use a mouse, proceed as follows:

1. Exit Designer Drafting.
2. Use a text editor to open the `me10.ini` file located in the `old_ui` subdirectory below the Designer Drafting installation directory.
3. In the `me10.ini` file, set the following variables as shown below.
- 4.
5. `MELOCATORPORT=`
6. `MELOCATORDRIVER=msmouse`
7. Restart Designer Drafting by selecting: **Start, Programs, CoCreate Designer Drafting, Designer Drafting**.

Checking for Late-Breaking Information

Before loading the Designer Drafting files onto your system, read the `readme.htm` file for the latest information about this release. Note that this file contains late-breaking information that may not yet be included in the documentation.

Optionally, you can read this `readme.htm` file by clicking **Help, Readme** at Designer Drafting runtime.

Problems?

This section provides remedies for problems you may encounter when using Designer Drafting.

Licensing Problems

If your Designer Drafting license is not set up properly, Designer Drafting will start in evaluation mode. In evaluation mode, you have access to the full functionality of Designer Drafting. However, you can only create a limited number of elements. Once this limit is reached, you will not be able to modify or save your drawing.

When this happens, check for the following:

- Does the `passwords` file contain the correct hostname of the computer running the License Server?
- Is the License Server program running on the License Server computer? If you are refused a connection, you may need to execute `ME1s` on the computer where the License Server is installed.
- Is your computer's hostname allowed in the appropriate password line in the `ME1s.conf` file?
- Are the passwords entered correctly in `ME1s.conf`? Note that passwords must not be specified in brackets.
- If you try to run Designer Drafting without the security module connected, the following message is displayed:
 -
 - `Please connect a security device`

Proceed as follows to remedy this problem:

1. Use **Close Program** or the **Task Manager** to stop Designer Drafting
 2. Connect the security device.
 3. Configure and start the License Server.
 4. Start Designer Drafting.
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