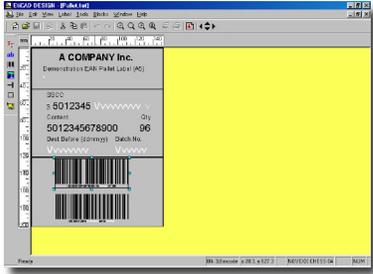
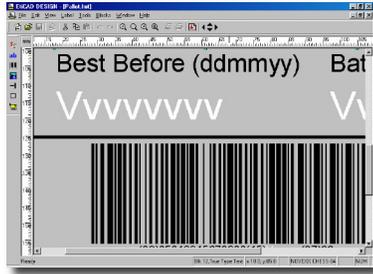


Design Formats



Link Variable Data

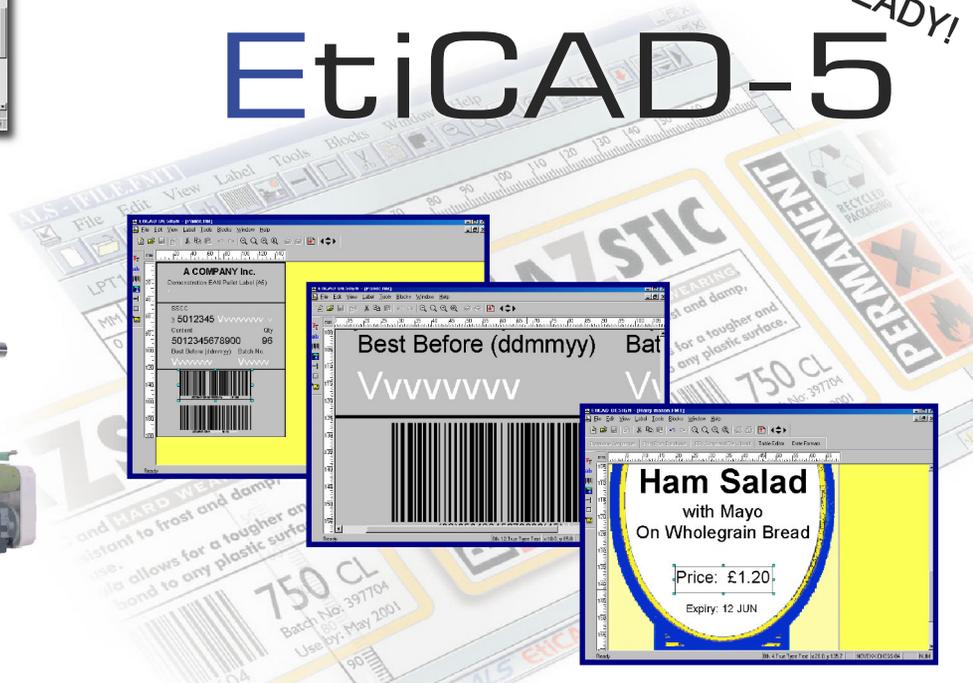


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AN INTRODUCTION TO *EtiCAD-5*

EtiCAD-5 is a Microsoft Windows based software package for product identification to meet your own requirements.

You design on the screen, and preview the layout fully before printing. You can include text, barcodes, pictures, logos, lines, boxes and circles. Designs can also contain variable data, which is inserted at print time. The variable data can come from various sources such as a database, or typed user input.

EtiCAD-5 imposes no limit to the number of designs you can create. Each design is completely flexible, making *EtiCAD-5* ideally suited to most industrial, commercial and retail uses.

About This Guide

This guide assumes a working knowledge of the Microsoft Windows environment, and common Windows-related terminology. If you need further information on Windows, refer to the Microsoft documentation.

Font Conventions

Bold text is used for the names of dialog boxes, buttons, and so on.

`Courier` text is used for text that the user types in, for example:

In the text box, type *filename .fmt*

In this example, italics are used to indicate that you select what is typed in. Courier text is also used to indicate specific file names and paths.

INSTALLING *EtiCAD-5*

This section describes what you need to install *EtiCAD-5*, and the installation procedure.

Before You Begin

Before beginning installation make sure you have the following:

- The *EtiCAD-5* CD-ROM
- A suitable computer and operating system, as detailed below



Note: If your operating system requires you to log on with a user name and password (for example, Windows XP Professional), you must have Administrator access rights to the local operating system to install *EtiCAD-5*.

System Requirements

EtiCAD-5 requires the following minimum system configuration:

- Microsoft Windows ME, 2000 or XP
- Personal computer with a Pentium PII 400MHz or higher processor
- 64 megabytes (MB) of RAM
- 100 MB of free hard disk space
- SVGA monitor
- CD-ROM drive
- Floppy disc drive (for transferring licenses only. See “Transfer *EtiCAD-5* to another computer” on page 13)

Additional Software Requirements

No additional software is required to use *EtiCAD-5*.

Earlier Versions of *EtiCAD-5*

EtiCAD-5 is backward compatible. Formats from an earlier version can be opened in a later version. A Format from a later version may not work in an earlier version.



Note: If you are upgrading to a later version, make sure you back up all your data before proceeding. Versions preceding 5.5 will remove registry configuration settings during the uninstall process

Upgrading to a Later Version of *EtiCAD-5*

If you want to install a later version of *EtiCAD-5*, the existing version will be uninstalled as part of the installation process. Follow the standard Installation Procedure below.

Installation Procedure

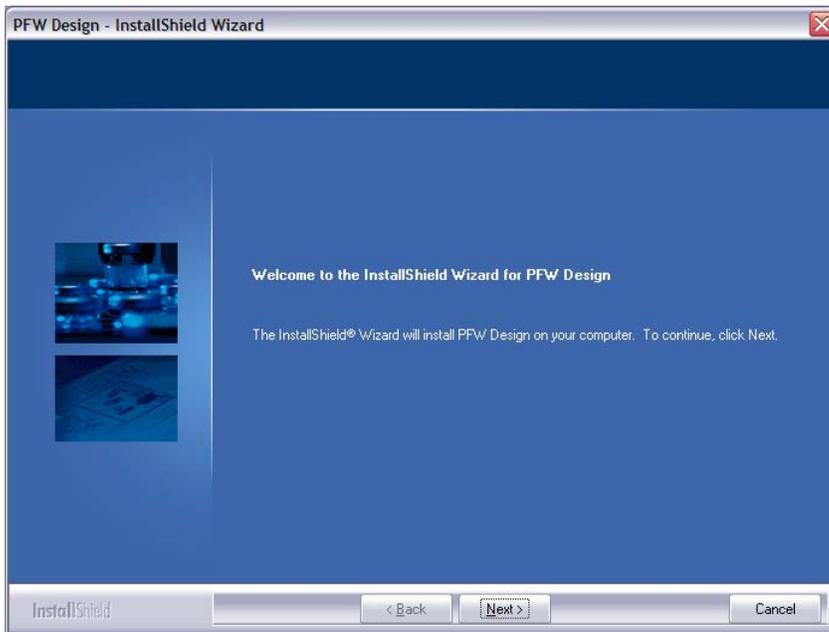
1. Quit any other programs that are running on your computer, and insert the CD-ROM into the drive. If the *EtiCAD-5* installation program starts automatically, go to step 3.
2. If the installation program does not start automatically (for example, if you have auto run disabled), click the **Start** button and click **Run**. Assuming that your CD-ROM drive is D:, type `D:\setup.exe`, and click **OK**. The *EtiCAD-5* installation program starts.
3. If installing on Windows XP or Windows 2000, a message may appear about Windows Installer Elevated Permissions. If you want other users without administrator rights to use *EtiCAD-5* on your computer, click **Yes**. Otherwise, click **No**.

4. The following window appears:



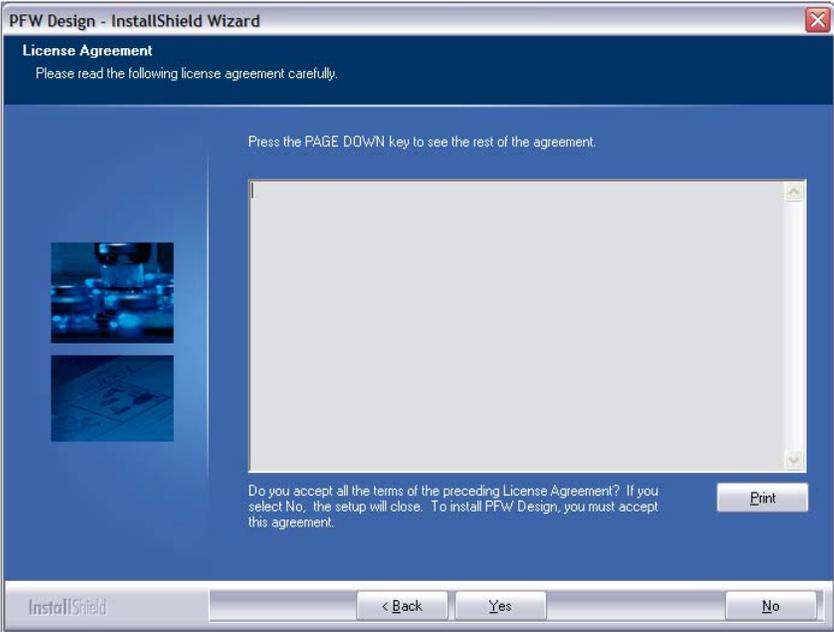
Select the language for the installation and press **OK**.

5. The following window appears:



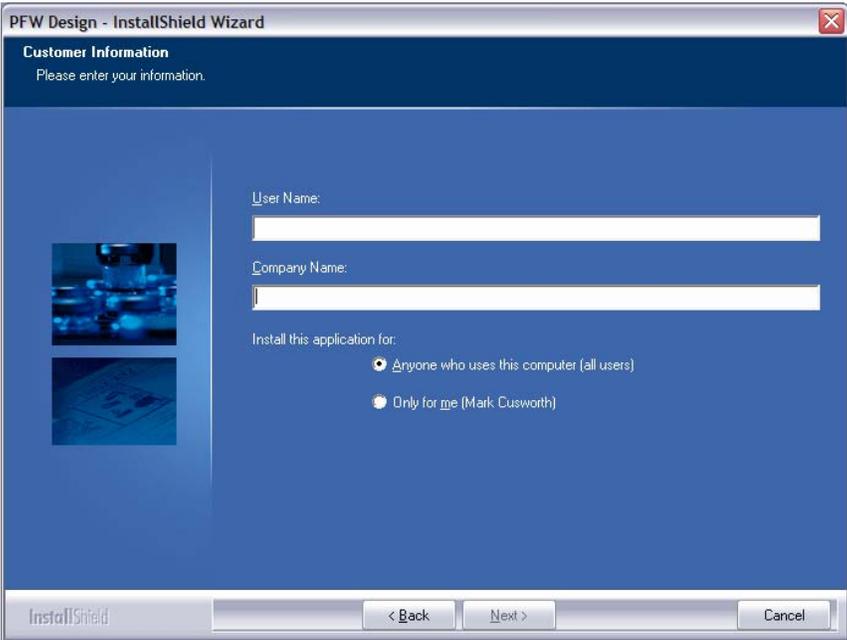
Click **Next**.

6. The following window appears:



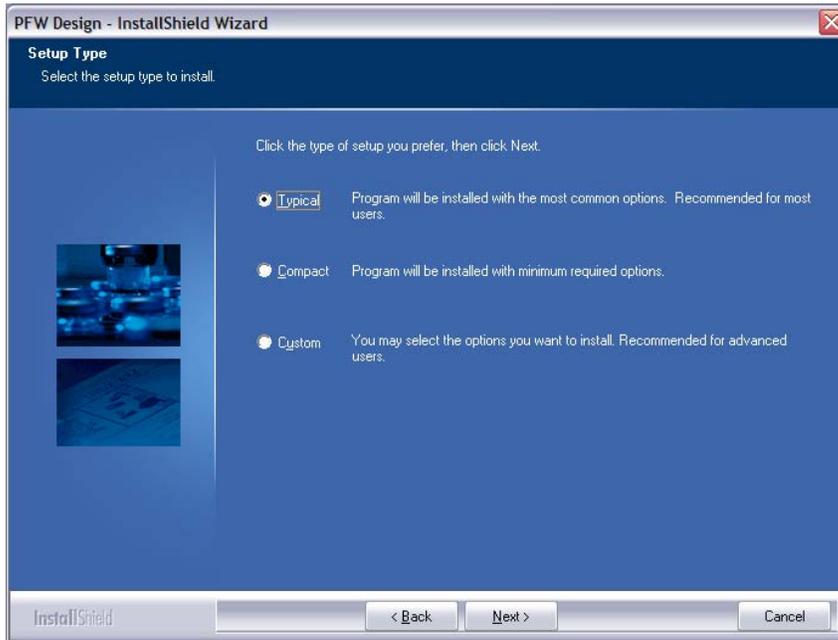
Read the license agreement.
Click **Yes** to proceed.

7. The following window appears:

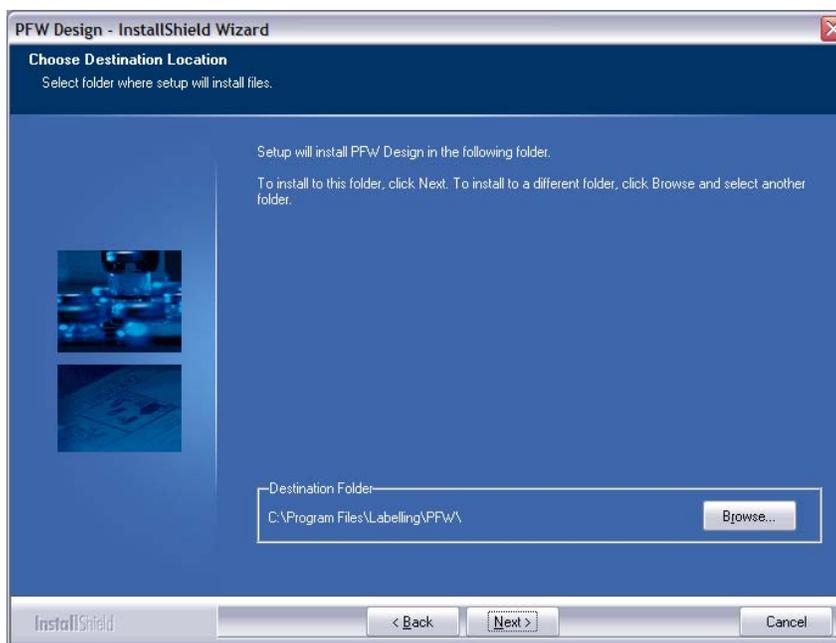


Type your **User Name**, and **Company Name** in the boxes. Select the **Install this application for** option button you want, and click **Next**.

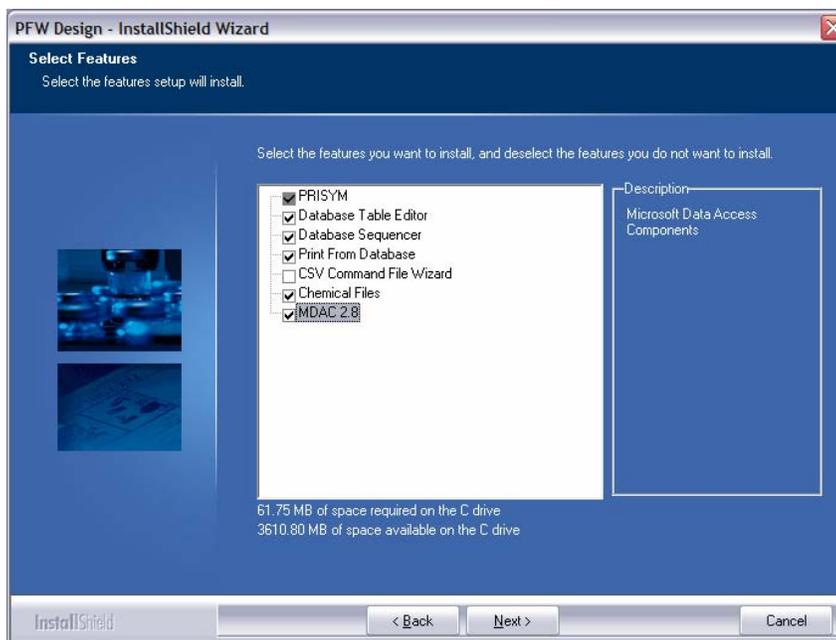
8. The following window appears:



- To install all the standard program features, select **Typical** and click **Next**.
- To install the minimum set of program features, select **compact** and click **Next**
- To install selected features, select **Custom**, and click **Next**.



- To change the folder where *EtiCAD-5* will be installed, click Browse and choose a folder in the Choose Folder dialog box.
- Click **Next**



- The following programs are available to install:
 - EtiCAD-5* – the *EtiCAD-5* program.
 - Database Table Editor** – create or edit tables

that are part of a data source.

Database Sequencer – print designs with database information without using *EtiCAD-5*.

Print From Database – print designs without opening in *EtiCAD-5*.

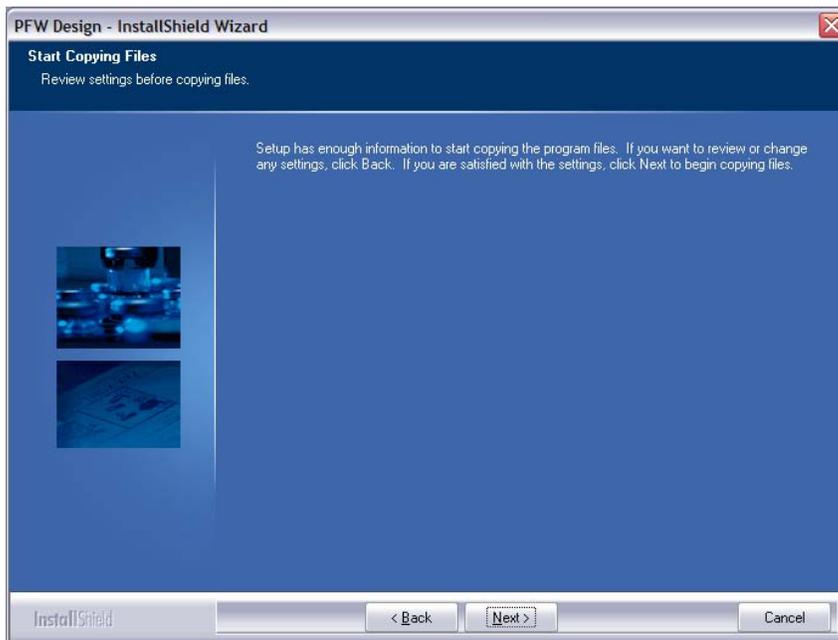
CSV Command File Wizard – convert an existing comma separated value (CSV) file into a command file.

Chemical Files – installs Chemical risk and safety phrases and samples.

MDAC 2.8 – Microsoft Data Access Components.

- Select the features you want and click **Next**.

9. The following window appears:



Check the information is correct. If not, click **Back** and make the changes you want. If it is correct, click **Next**. The program starts installing *EtiCAD-5*.

At the end of the installation, you may be prompted to restart the computer.



Caution: You must license *EtiCAD-5* to use it fully. See “Licensing *EtiCAD-5*” on page 11.

After Installation



When the installation is complete, a **EtiCAD-5 Design** icon  is added to the Windows desktop. Also, a new submenu **EtiCAD-5** is added to **(All) Programs** on the **Start** menu, which contains the following:

- Database Sequencer
- PFD Configuration
- Print From Database
- EtiCAD-5 Design
- Security
- Table Editor

Reinstalling and Removing *EtiCAD-5*

You can reinstall or remove *EtiCAD-5* by using the Add/Remove Programs function in Windows. The following procedure is for a Windows XP computer:

1. Click the **Start** button and click **Control Panel**.
2. In the Control Panel, start **Add or Remove Programs**.
3. In the **currently installed programs** list, select **PFW Design**, then click **Change/Remove**.

4. An installation dialog box appears with the following options:

- **Modify**
Changes which features are installed, using the *EtiCAD-5* installation.
- **Repair**
Repairs errors in the existing installation.
- **Remove**
Removes *EtiCAD-5* completely.

Select an option and click **Next**, then follow the instructions.

STARTING *EtiCAD-5*

To start *EtiCAD-5*:

1. Double-click the **EtiCAD-5 Design** icon on your Windows desktop, or click the **Start** button, point to **(All) Programs**, point to **EtiCAD-5**, and click **EtiCAD-5 Design**.

If you have not yet licensed *EtiCAD-5*, a message appears about licensing. Click **Yes** to license *EtiCAD-5*, or click **No** to continue, and select the version of *EtiCAD-5* you want to use, if allowed (see “Licensing ” on page 11).

2. The *EtiCAD-5* main window appears.

If starting *EtiCAD-5* for the first time, a **Select Driver** window appears. Follow the instructions to set up a printer for *EtiCAD-5* (you can cancel this).

If you set up a new printer:

either the **Design Properties** dialog box appears, by default, to set properties for a new Format,
or a new blank Message is opened, depending on

the type of printer you set up.
For more information refer to the online help.

If you want to familiarise yourself with *EtiCAD-5*, complete the Tutorial – Create a Design, on page 14.

***EtiCAD-5* Online Help**

For all other information on *EtiCAD-5* refer to the online help. To open the *EtiCAD-5* online help, start *EtiCAD-5*, and on the **Help** menu, click **Help on Design**.

LICENSING *EtiCAD-5*

EtiCAD-5 is licensed with software keys. These are the steps for licensing *EtiCAD-5*:

1. Install *EtiCAD-5*

See “Installing ” on page 2.

2. Send your vendor the Client key within 30 days

When first installed, all *EtiCAD-5* features are available for 30 days. Contact your vendor with your Client key to purchase a license for the version of *EtiCAD-5* you want.

To find your Client key:

1. Start *EtiCAD-5*, and on the **Help** menu, click **About**.
2. In the about box, click **License**. The Client Key is in the upper six boxes of the license dialog box.

You are then sent an Unlock key.



Note: If you have not yet paid for *EtiCAD-5*, this Unlock key may only allow you to use the version of *EtiCAD-5* you want for a further period, whilst payment is made (see “Secondary Unlock key” below).

3. Enter your Unlock key



Caution: You must enter your Unlock key within 30 days of installing *EtiCAD-5*. Otherwise, *EtiCAD-5* will only start in DEMO MODE, where although design features are still available, you can only test print and you cannot save designs.

To enter an Unlock key:

1. Start *EtiCAD-5*, and on the **Help** menu, click **About**.
2. In the about box, click **License**.
3. In the license dialog box, enter your Unlock key in the lower six boxes, and click **Unlock**.

This allows unlimited use of your version of *Eti-CAD-5*, unless a Secondary Unlock key is required (see below).

Secondary Unlock key

If your Unlock key only allowed use for a further period, you are sent a Secondary unlock key when payment is received. Enter the Secondary Unlock key to allow unlimited use of your version of *EtiCAD-5*.

Transfer *EtiCAD-5* to another computer



Note: You will need a blank floppy disk.

To transfer *EtiCAD-5* from an old computer to a new one:

1. Install *EtiCAD-5* on the new computer, leaving the existing copy of *EtiCAD-5* on the old computer (see “*EtiCAD-5*” on page 2).
2. Start *EtiCAD-5* on both computers (see “Starting *EtiCAD-5*” on page 10), and on the new computer, click **About** on the **Help** menu. In the about box, click **License**.
3. In the license dialog box, click **Transfer License to this PC**. The Transfer License Wizard starts. Insert a blank floppy disk, as instructed. A message appears when copying is complete. Do not close the Transfer License Wizard.
4. Insert the floppy disk into the old computer, and click **About** on the **Help** menu, and in the about box, click **License**.
5. In the license dialog box, click **Transfer License to Disk**. A confirmation dialog box appears. Click **Yes** to proceed. A message appears when copying is complete.
6. Insert the floppy disk into the new computer, and in the Transfer License Wizard, click **Next**. A message appears to confirm successful transfer.
7. Click **Close** to close the Transfer License Wizard, restart *EtiCAD-5*, and check the information in the about box shows your version of *EtiCAD-5* (not DEMO).
8. Remove *EtiCAD-5* from the old computer (see “Reinstalling and Removing ” on page 9).

TUTORIAL – CREATE A DESIGN

This tutorial demonstrates steps for creating a design, showing some features of *EtiCAD-5*.

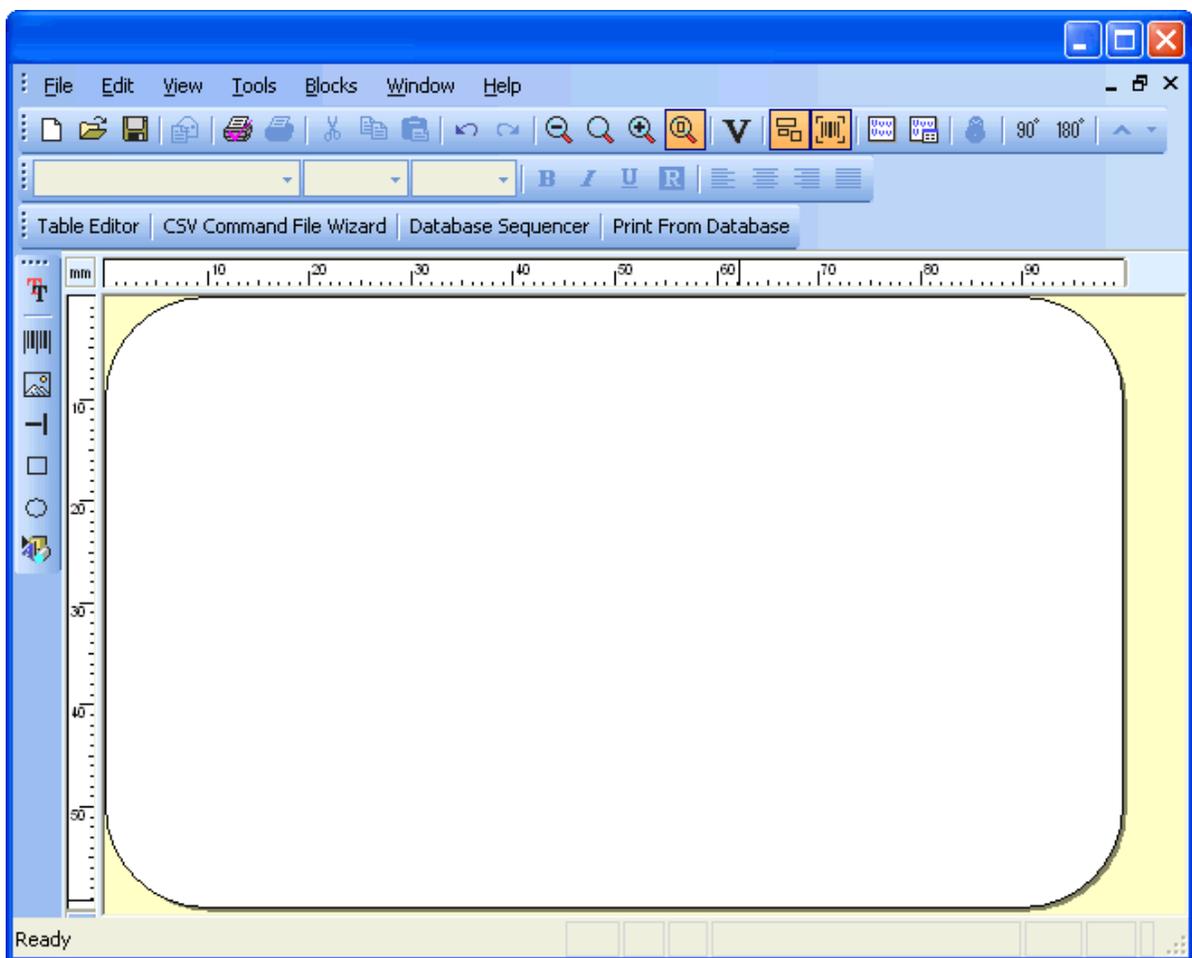


Note: If you are unfamiliar with any of the *EtiCAD-5* terminology used in this example, or if you want further information on any *EtiCAD-5* features or dialog boxes, refer to the online help.

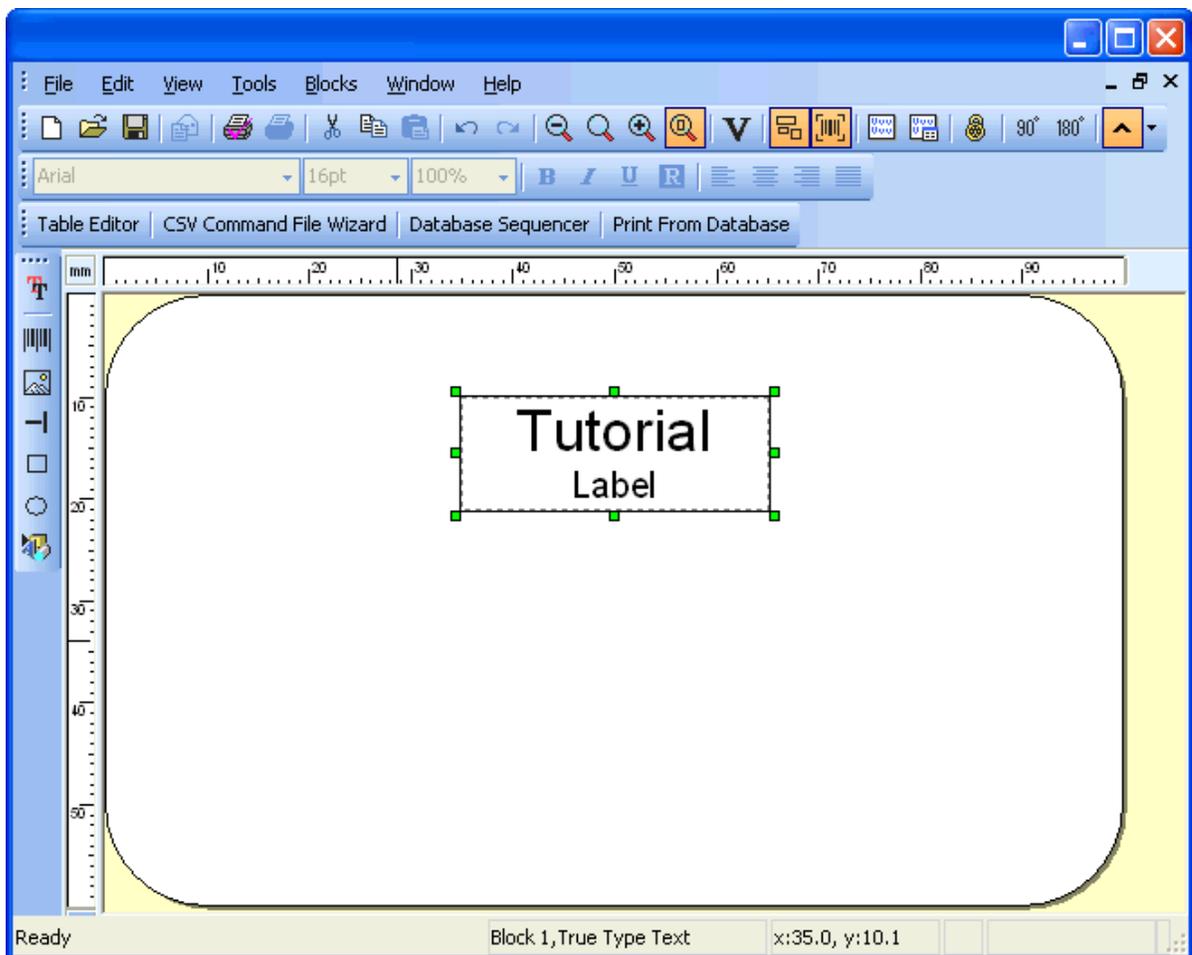
1. Start *EtiCAD-5* (see “Starting ” on page 10).
2. Set up a printer for *EtiCAD-5* to print your design on, if this is not already done (this tutorial uses **Colour Laser**):
 - a. On the **File** menu, point to **New**, and click **Printer**.
 - b. In the **Select Driver** window appears. Follow the instructions to set up the printer you want.
 - c. If the **Design Properties** dialog box appears, click **Cancel**.
3. Create a Label (template) for your Format (design):
 - a. On the **File** menu, point to **New**, and click **Label**.
 - b. In the **Edit Label** dialog box, set the following (dimensions here are in mm):

Label Shape	Rectangle
Label Width	100
Label Height	60
Secondary Width and Height	20
 - c. Click **Save**, and save the Label as `Tutorial.lbl`.

4. Create a blank Format based on your new Label:
 - a. On the **File** menu, point to **New**, and click **Format**.
 - b. If the **Select Printer** dialog box appears, select the printer you want and click **OK (Colour Laser used here)**.
 - c. In the **Design Properties** dialog box, click **Change Label**, and select `Tutorial.lbl`. The **Label Name** changes to “Tutorial”.
 - d. Click **OK**. A new Format window opens in the work area.

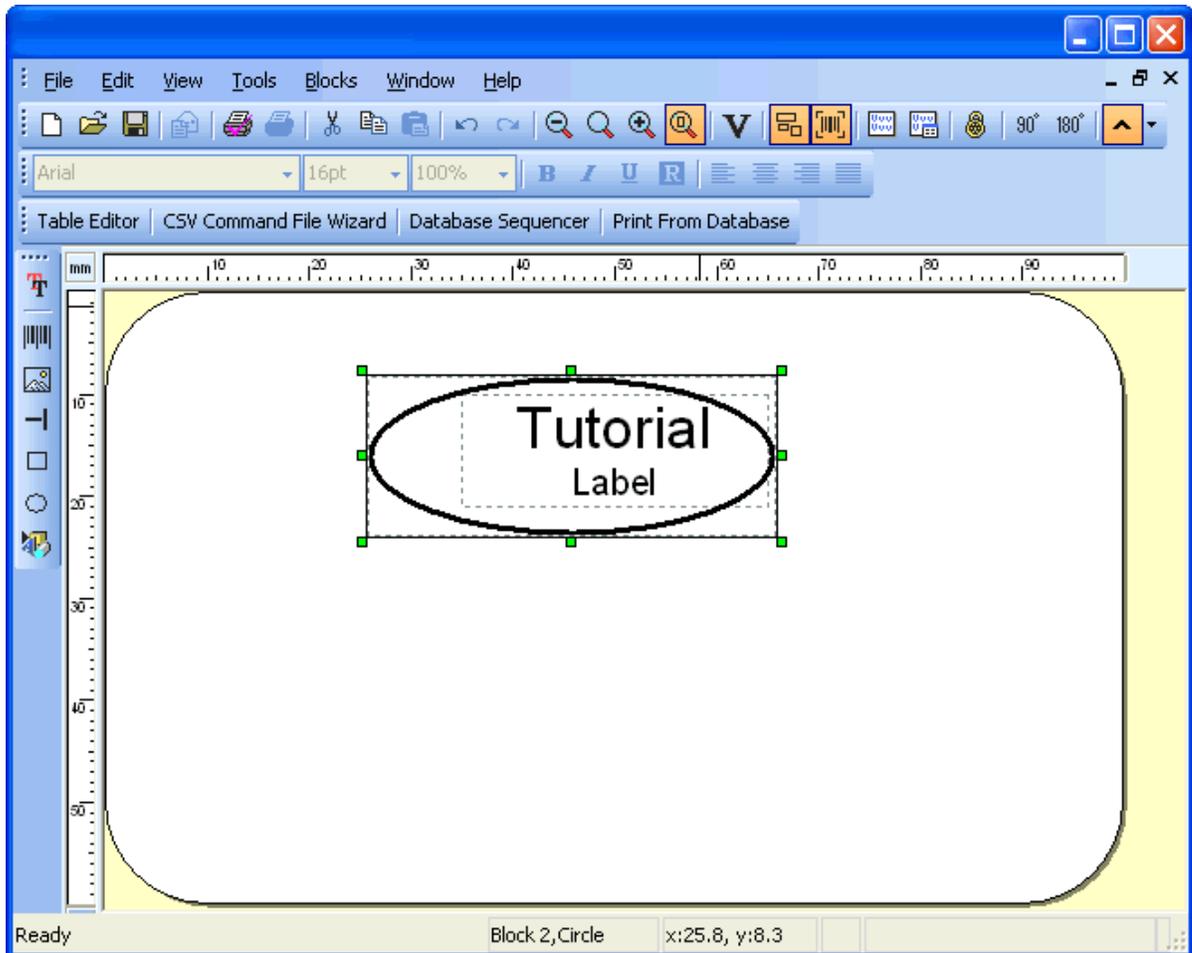


5. Add and configure a TrueType (TTF) Block:
 - a. On the **Block Type** toolbar (on the left), click **T**, then click and drag to size (about 30mm wide and 10 mm high) at the top of the design. A cursor appears in the Block for text editing.
 - b. Type `Tutorial Label`.
Select (highlight) “Tutorial” and set the font size to 16pt from the list on the toolbar.
Place the cursor in front of “Label” and press enter.
Select all the text and click  to centre the text in the Block.
Your design should look like this:



6. Add a circle Block:

On the **Block Type** toolbar, click , position the pointer, then click and drag to size to enclose the text, as shown:



7. Add a picture Block:

- a. On the **Block Type** toolbar, click , then click in the lower centre of the design. An **Edit Picture** dialog box opens for editing the picture Block.
- b. In the **Picture Name** box, click  and select the picture with the filename `CE.PCX` (supplied with *EtiCAD-5*. The default installed location is:
`My Documents\Labelling\PIC`).
 Select the **embed image** check box to embed the picture

within the Format.

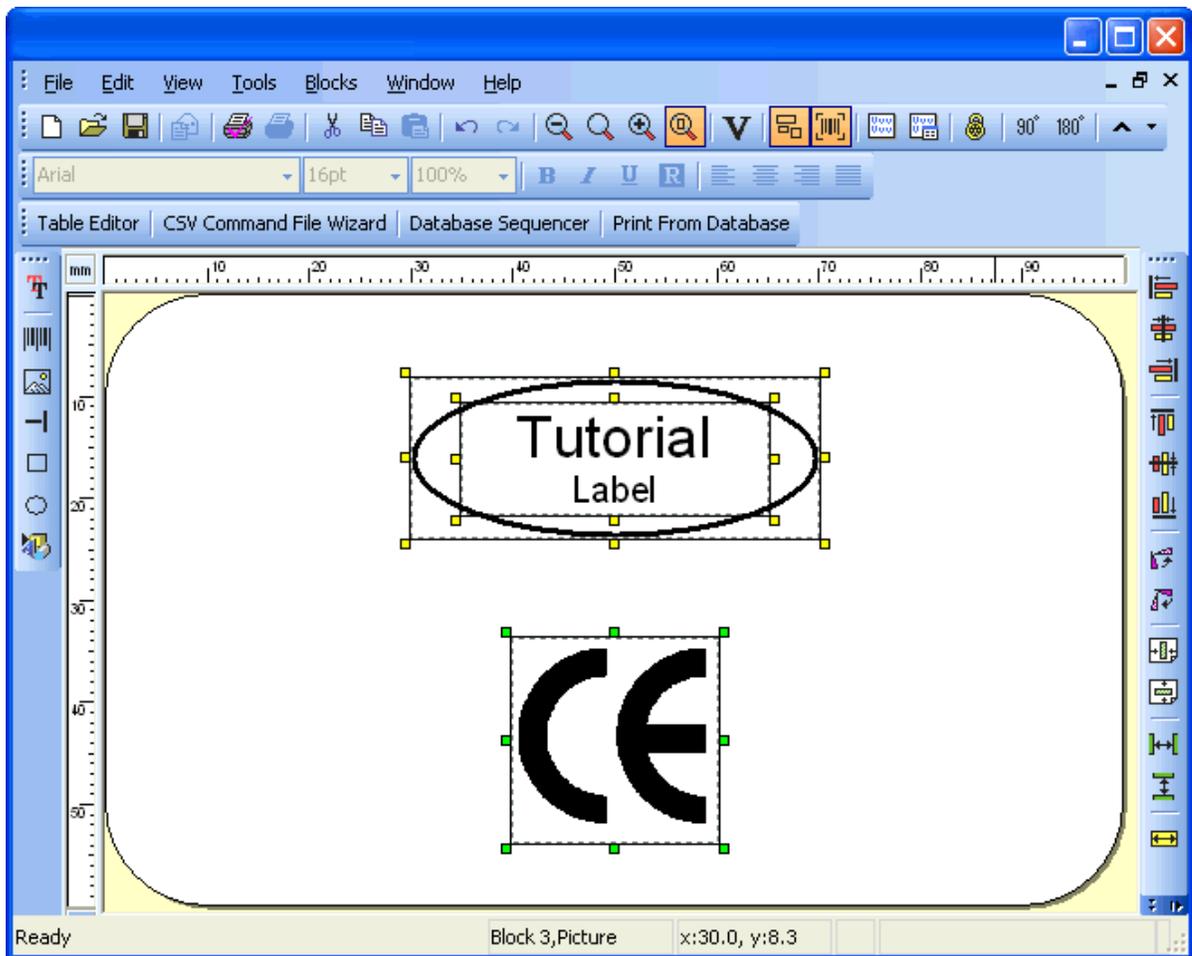
Set the **Width** to 20.

Select the **Keep Aspect Ratio** option and click **OK**.

The CE Mark graphic is added to the Format.

8. Arrange the Blocks:

- a. Press TAB to select the text Block, then CTRL+click to select the circle Block too.
- b. On the **Group** toolbar (on the right), click  to vertically centre-align the two Blocks with each other.
- c. On the **Edit** menu, click **Select All**. On the **Group** toolbar, click  to horizontally centre the Blocks, as shown:



- d. On the **Main** toolbar (at the top), click  to lock the Blocks. Select a Block and ensure you cannot drag it to a new position.
9. Add a barcode Block:
 - a. On the **Block Type** toolbar, click , then click and drag to size in the right of the design. An **Edit Barcode** dialog box opens.
 - b. Experiment with the **Barcode Type**, sizing options, **No of Chars** and so on. The specified barcode previews at the lower left of the **Edit Barcode** dialog box. Click **OK** when you are finished.
 - c. If required, drag to move, and drag the sizing handles to resize the barcode Block.
 10. Test print your Format:

To see what your Format looks like, on the **File** menu, click **Test Print**.

You can only test print a Format until it has been saved.
 11. Save your Format:

On the **Main** toolbar, click , and save the Format with the filename `Tutorial.fmt` (you don't need to add the `.fmt` file name extension).

The **Print**  button is now available.