# About Corel Visual CADD - Readme

This document contains late-breaking information regarding Corel Visual CADD.

# Last-Minute Notes

- If a plot is being clipped during direct plot (i.e., part of the drawing is being cut off), make sure that your paper size and DPI are exactly correct for your plotter.

- Truetype fonts map to the "Default Plotter Font" entry in the registry.

- To use Direct Plot to a network, plot your drawing to a file and then copy that file to the network port via the DOS "Copy" command.

- If you have problems plotting to a one pen plotter, try turning color sorting off.

- Reference Frames cannot be rotated in a drawing.

- Reference Frames that are rotated during plotting will only plot at 0, 90, 180 and 270 degree angles.

- Reference Frames can not be part of symbol definition.

- Pen Sorting with Reference Frames, symbols and other compound entities will take slightly longer to plot since they must first be exploded and then searched.

- Reference Frames to the clipboard and to metafiles are not supported.

- Offset with AutoFillet on will offset with rounded corners.

- Single click fillet works only on lines with shared end points that are within search tolerance.

- To enable EMF support, add "Allow EMF1" to the VCDEFAULTS section in the registry.

- To enable the 3-D dialog look in Windows NT, copy the file called "_CTL3D32.DLL" on disk #1 to "CTL3D32.DLL" in your \WINNT\SYSTEM32 directory, overwriting any existing files.   Please note that doing this may cause other programs to not display in 3-D, so make sure   that you keep a copy of the old CTL3D32.DLL file before overwriting it.

- In the root directory of the Corel Visual CADD CD are files that contain a list of all the house plans available. These list files, PLANS.*, are available in EXCEL, QUATTRO PRO and LOTUS 123 format.

- To conserve hard disk space, the majority of symbols available in Corel Visual CADD are not installed on your hard drive. When loading symbols into the Symbols Manager, don't forget to look in the symbols folder on your Corel Visual CADD CD.

- The System Info button in the About box will only work if Microsoft Office has been installed on the system. If you click the System Info button and MS Office has not been installed, an error message (Error Executing File MSINFO32.EXE) will be displayed.

# File/Date Stamp in Print Dialog

Page 169 of the User Guide incorrectly refers to a "Time/Date Stamp" option (item F) in the print settings dialog. This checkbox actually creates a "File/Date Stamp" on your printout which includes the path/filename of the drawing and the current date.   No time information is involved.   The "File/Date Stamp" also uses the following settings in registry (located under "Print Settings"):

```
Stamp Format   0        // Date format:  0   MM/DD/YY, 1   DD/MM/YY
Stamp Font Size   5     // Point size (72 points   1 inch)
Stamp Location   0      // Location on page:   0LL, 1LR, 2UR, 3UL
Stamp Font   Arial      // Windows font name
```

NOTE:   If the specified font name is invalid, Arial will be used.

# Script enhancements

0,1,2 after a toggle (i.e. Hilite;0;) forces a particular state of that toggle:

   0  on
   1  off
   2  Restore


PURGELNT and LOADLNT can be used to clear and load new LINETYPE.LNT files.


Sample Script:
  FILENAME;GERRY.LNT;LOADLNT;
will load a new linetype file named GERRY.LNT.

# New Native commands and shortcuts

SHIFT+RD - Redraw all windows
LO - Last Object Select
T1 - MultiTrim to Single Segment

# Wizards

Corel Visual CADD ships with several "wizards" to assist in setting up a drawing. These wizards are contained in the file VCWIZARD32.DLL. The functionality is then accessed through the built-in scripting language with Corel Visual CADD. The following wizards are contained in the file:

- DIMENSION: Sizes dimensions based on input print scale and desired text height.

- TEXT: Sizes text based on input print scale and desired text height.

- DRAWING: Sizes text and dimensions based on an input print scale and desired text height. In addition, it will load and place a default title block within the drawing.

- FITTEXT: Adjusts the text height to "fit" a specified screen size at the current zoom. For example, you can "fit" text to a height of 1/4" screen size at any zoom.

- SCALETEXT: Applies a scaling factor to the current text settings.

- FITDIMENSION: Adjusts the dimension properties to "fit" a specified screen size at the current zoom. For example, you can "fit" dimension settings to a height of 1/4" screen size at any zoom.

- SCALEDIMENSION: Applies a scaling factor to the current dimension settings.

- PSHEET: Displays non-graphical file details for the active drawing such as file size and dates. Allows the addition of file description data to be added to the drawing header.

Of these wizards, only the DIMENSION, TEXT, DRAWING and PSHEET provide an interface to guide you through the settings. The other "quick" wizards are simply accessed directly at any time during the drawing session.

The wizards utilizing an interface (DIMENSION, TEXT, DAWING and PSHEET) are activated via the Assign Script command in Corel Visual CADD or in the CMDEXT.DEF file. Please refer to the documentation for setting up a command extension file. The following script will demonstrate the ability to launch the wizards from the Corel Visual CADD interface. The wizards all operate from an input command line. That is, they work from the same procedure and are accessed by specialized arguments in the script. The following is a general script that should be used:

    DLLName;VCWizard32.dll;DLLFunName;VCWizard;DLLCmdLine;"See special values below";DLLRun;

Special Command line values: These values should be inserted in the above script to activate the appropriate wizard. NOTE: do not use the "" (quotes) in the script:

    DIMENSION: "dimension" or "DIMENSION"
    TEXT:          "text" or "TEXT"
    DRAWING:    "drawing" or "DRAWING"
    PSHEET:       "psheet" or "PSHEET"

The "quick" wizards are also activated via the Corel Visual CADD scripting language with varying input arguments for the different factors.

The following is a general script that should be used:

    DLLName;VCWizard32.dll;DLLFunName;"See special values below";DLLCmdLine;
    "Any numeric factor";DLLRun;

Special function name values: These should be inserted in the above script to activate the desired functionality:

    FITTEXT:              "VCMakeTextLookGood"
    SCALETEXT            "VCIncrementTextValues"
    FITDIMENSION:       "VCMakeDimensionsLookGood"
    SCALEDIMENSION: "VCIncrementDimensionValues"

Any numeric factor: These represent the scaling or height factor to use in the script. For example, 1/4" used in conjunction with VCMakeTextLookGood will calculate the "real world" height to make text "fit" 1/4" on screen or 12mm makes text fit to 12mm in screen height at the current zoom. As another example, the following script will scale all the current dimension settings by a factor of 5:

    DLLName;VCWizard32;DLLFunName;VCIncrementDimensionValues;DLLCmdLine;5;DLLRun.

# Version 1.x add-ons and programs

Any programs created for the 1.x versions of Numera Visual CADD will not work with Corel Visual CADD. Visual CADD   is entirely a 32bit pogram and as such cannot call or be called by 16bit programs. Contact the developer of any programs for updated 32bit versions.

Samples that shipped with the 1.x versions of Numera Visual CADD are not included with Corel Visual CADD.