Modifications and Corrections in CAD/DRAW 4

This text lists all major modifications that have been done since the initial release of TommySoftware® CAD/DRAW 4. Small bug fixes or performance increases happen all the time and will not explicitly be noted.

These modifications have mostly *not* been applied to the reference, so some methods described in the reference might be out-of-date as a faster or easier way exists now. Anyway, they will still be possible.

Version 4.10 (Release May 1996)

• The names of American paper sizes were wrong.

• Direct modification of objects inside the view window did not work.

• When inserting a new object into a layer that is currently invisible, a dialog window allows to cancel this process.

• The command "Block > Edit" offers a new button which allows the creation of a new, empty folder that can subsequently be filled with blocks.

• Support of Digitizers was added to Level 2. CAD/DRAW 4 Level 2 supports all Digitizers that work with the WINTAB driver from LCS/Telegraphics (e.g. CalComp, Wacom, etc.).

• From this version on, a comprehensive tutorial is included which shows some complete examples illustrating basic and advanced procedures for the application. In the TUTORIAL directory, you will find some files containing the resulting drawings of those examples.

• The reference was completely revised, now offering more general information than before. Also, the description of basic procedures (like selection) is no longer repeated on and on. Instead, there is a link to a chapter describing that procedure in depth.

• The display of the used memory amount in the status window now included the memory used for all currently used bitmaps.

• When exporting WMF files, erasing surfaces where always exported with a black filling.

• Copying geometry objects only to the clipboard was only possible if the geometry output was activated at **Settings > Output**.

• The display of erasing surfaces in Windows 95 was faulty, especially the display color could not be modified.

• The import of WMF files was sometimes cancelled without further explanation. This was due to objects that were neither framed nor filled.

• The **Layers > Edit** dialog was revised, now featuring icons before each entry which show the status of the five available layer options. In addition, two new buttons offer the following functionality: "Selection" offers a selection filter, allowing to select or deselect layers based on keywords contained in their names. "Settings" offers the possibility to export and import the complete layer settings, by means of which its easily possible to work with several oftenly-used layer states.

• The **Convert External Blocks to Internal** command did not work correctly with nested blocks.

Version 4.02 (Release December 1995)

• When creating blocks with the "Resolve Properties" option set, only *pen* properties were resolved, but not *layer* properties.

• The commands **Curve** and **Surface** did not work properly when using circular arcs or relative values during input.

• The commands **Line>Parallel**, **Line>Parallel, numerical** and **Line>Angle to Line** have been

modified. They do now expect an additional point, allowing to first place the reference straight line and the entering the line's start-point.

• When creating a group out of other groups or blocks, the time require to finish that task was extremely long in some cases due to a possible internal feedback.

• The command **Trim Edge** was extended to be able to trim any combination of line and circular arc.

• The import of very large WMF or EMF files sometimes caused an stack overflow due to incorrect parameter handling.

• Most setting and option dialogues have been combined into property sheets. This allows fast access to all settings and options without chosing several commands. The previous key codes are still valid, anyway.

• When importing WMF-files, in some rotated texts characters were rotated in the wrong direction.

• When entering the section at **Export>Bitmap, Section** beginning with the lower right corner, the section was calculated wrong.

Version 4.01 (Release September 1995)

• Some Windows 95 printer drivers refused to print. This was caused by a difference in printer handling between Windows NT and Windows 95.

Version 4.00 (Release September 1995)

• Initial release

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