DATACAD LLC

TECHNICAL BULLETIN

Renderstar2 Techncial Support

Renderstar *requires* a minimum of 5MB of Extended memory *available* to it for the rendering and displaying of images as well as a minimum of 5MB of free hard disk space.

Problem: Renderstar will not run when executed from within DataCAD

Solutions: These are the procedures to try to rectify the problem:

1) Run Renderstar from outside DataCAD from the DOS prompt. Go to the DataCAD directory and type **RS2 RSTAR2\QUICK\QUICK** and **Enter**. This procedure will start the Renderstar Shell (Interface) with the Quick control file. Once in the interface, try to do a Render & Show. If this works, there is a memory problem with your RAM configuration. (To resolve this, free up as much Base memory, under 640k, as possible by unloading unneeded memory resident drivers and by loading needed drivers into High memory, between 640k and 1MB in the Config.sys and Autoexec.bat files. Also, look for the use of RAM drive, Smart drive, and any TSR's.) Also try to display the Quick rendered image from the DOS prompt by typing **RS2SVGA QUICK.GIF** and **Enter.**

2) Check the **RENDER.RC1** control file located in the DataCAD\RSTAR2\DEFAULT directory. At the DOS prompt type **EDIT RENDER.RC1** and **Enter**. Arrow down to the **show_type** line, if it is set to **main**, change it to **fullmem**. The **show_type** statement controls what happens to the Renderstar interface when performing a Render & Show. With the **show_type** statement set to anything but **fullmem**, the Renderstar interface remains loaded in memory during any rendering and showing of an image. By using **fullmem**, instead of **main**, the interface will not remain loaded in memory and will not hinder the Render & Show process.

3) Go to the DataCAD\RSTAR2\BIN directory and at the DOS prompt type **RS2SVGA -T** and **Enter** (if the Renderstar driver has been configured as SuperVGA) or **RS2VESA -L** and **Enter** (if the Renderstar driver has been configured as VESA). These commands will display the resolution mode capabilities of the graphics card. Write the mode numbers for future reference. Then go into the **RENDER.RC1** control file located in the DataCAD\RSTAR2\DEFAULT directory by typing **EDIT RENDER.RC1** and **Enter** at the DOS prompt. Arrow down to the **show_str** line and add a supported resolution mode statement to the line that reads **-cnqs**. For example, this line should read **-cnqs -M103**.
This statement forces Renderstar to use a resolution mode that the **RS2SVGA -T** or **RS2VESA -L** command displays as an available mode.

4) Not Enough Memory Buffers error message: when accessing Renderstar through DataCAD
If running Windows 95, go to Shutdown and Restart in MS-DOS mode. Change to the C:\DataCAD\RStar2\Bin directory and copy the DEFAULT.CFG file to the C:\DataCAD directory. Change to the C:\DataCAD directory and copy the RS2.COM to the C:\DataCAD\RStar2\Quick directory. At the C:\DataCAD directory prompt, type RS2 Rstar2\Quick\Quick and hit Enter. This will get you into Renderstar and you can load any previously created RC1 file from within the Renderstar program.