AutoCAD Tips

Installation settings to speed up performance:

1. Do not install VBA enabler (tremendously slows down performance)

2. Enable Information System (2013 will not run without it when set up to communicate with AutoDesk 360)

Initial commands to speed up performance (type the following at the command prompt):

UCSDETECT (set to 0) – this will disable Dynamic UCS

QPMODE (set to 0) – disables Quick Properties Palette for items selected in the drawing

DRAWORDERCTL (set to 0) – speeds up regeneration when switching tilemodes and when regenerating in model space

HPDLGMODE (set to 1) – displays hatch/gradient box for items selected in drawing

HPQUICKPREVIEW (set to 0) – disables hatch preview

VTENABLE (set to 0) – disables smooth view transitions when zooming in/out (makes zooming instantaneous)

LAYERDLGMODE (set to 0) – speeds up loading of layers palette

MBUTTONPAN (set to 0) – middle button brings up snap menu, (set to 1) – middle button is PAN command

ROLLOVERTIPS (set to 0) – disables rollover tips

SELECTIONPREVIEW (set to 0) – disables selection previewing

SELECTIONCYCLING (set to 0) – turns selection cycling/overlapping off

PICKADD (set to 1) – enables subsequent selections when modifying properties

AUTOCOMPLETE – set to OFF

LOCKUI (set to 0) – unlocks toolbars and windows (Note: when toolbars are locked, performance is better. Only use this command if you use the layers palette window in lieu of the layers toolbar.

Initial settings to speed up performance:

1. If your windows "Aero" theme is enabled, you need to disable it. Turn off Windows transparency also.

2. Plug your mouse directly in to your laptop. Do not plug it in to the dock.

2. Right click on your AutoCAD desktop icon and disable digital signatures.

3. Type CONFIG at the command line and do the following:

    A. Under the display tab:

    - turn off scroll bars, status bar, tooltips, rollover tooltips. Shrink cursor size to speed up performance

    B. Under open and save tab:

    - enable maintain visual fidelity and size compatibility

    C. Under user preferences tab:

    - disable double click editing and shortcut menus in drawing area

    D. Under drafting tab:

    - disable all auto track settings

    - under autosnap settings enable autosnap aperture box

    E. Under selection tab:

    - disable object grouping and enable implied windowing

    - disable selection preview

Initial settings:

1. Type DSETTINGS at the command prompt:

-enable polar tracking (or press F10)

- disable pointer input, enable dimension input where possible, click show only one dimension

- disable quick properties palette

- disable selection cycling

2. Type 3DCONFIG at the command prompt:

- enable adaptive degradation

- click manual tune and enable hardware acceleration

3. Pull down menus, go to:

- Tools/Customize/Edit Program Parameters (ACAD.pgp) – for those of you that edit command abbreviations

Commands to reduce drawing size and speed up performance:

1. Type PURGE and AUDIT regularly, will remove errors, unused blocks, layers and trash files

2. Type SCALELISTEDIT, will remove unused scales in the drawing

3. Type –EXPORTTOAUTOCAD, Make sure all layers are on, thawed and unlocked before executing this command

4. Type FLATSHOT will explode any 3D entities that are present

Note: For both of the below commands, select only small portions of the drawing at a time for this to be effective

5. Type FLATTEN, will flatten any objects in the Z axis

6. Type OVERKILL, will remove lines that are stacked on top of one another