

## **KeyCreator 9 and Windows 7**

### **Adjustments for Direct3D**

- Install DirectX 9 (Direct3D is part of DirectX)
  - KeyCreator will not be able to render the graphics viewport in Direct3D mode unless the proper DirectX 9 libraries are available. The simplest way to get DirectX 9 is to download the “DirectX End-User Runtime Web Installer” from Microsoft (no charge).
- Change 3 settings in the Tools Options dialog, Display - Graphics Card page
  - Set the KeyCreator Driver Type option to Direct3D
    - Note that this setting change will not effect any graphics viewports which are already open in KeyCreator. If this setting is enabled before DirectX 9 is installed an error message or a prompt to download DirectX 9 might result.
  - Set the KeyCreator Display List type to Geometry
    - This setting corrects problems with entities not redrawing correctly during selection highlighting.
  - Disable the ‘Use Quick Move for non-Entity animation’ option
    - This setting corrects problems with potential lock-ups in HLR and HLD display modes.
  - Disable the ‘Use Quick Move for Wireframe animation’ option
    - This setting corrects problems with disappearing axis indicators and potential lock-ups during animated creation of wireframe entities, dimensions, and detail callout views.
- Disable visual themes for KeyCreator 9.0
  - Access this setting in the Compatibility tab of the KeyCreator 9.0 Properties dialog. You can reach the Properties option by right-clicking on the KeyCreator icon on the desktop or in the Start menu.
- Check for updated drivers for your display adapter hardware
  - Graphics drivers are being updated as frequently as once a month to address various performance and compatibility issues that have come up in Windows 7. Older drivers that are included with Windows 7 may not support advanced features which KeyCreator relies on.
- Enable Anti-aliasing in your driver
  - KeyCreator Direct3D mode does not offer support for turning on hardware anti-aliasing. If anti-aliasing is important it can be turned on at the driver level.

### **Adjustments for Hardware OpenGL**

- Disable desktop composition and visual themes for KeyCreator 9.0
  - Access this setting in the Compatibility tab of the KeyCreator 9.0 Properties dialog. You can reach the Properties option by right-clicking on the KeyCreator icon on the desktop or in the Start menu.
- Change 2 settings in the Tools Options dialog, Display - Graphics Card page

- Set the KeyCreator Driver Type option to Hardware OpenGL
  - Note that this setting change will not effect any graphics viewports which are already open in KeyCreator.
- Set the 'Quick Move for Wireframe animation' option to Overlay
  - Changing this setting from XOR to Overlay or Spriting corrects problems with lingering animation 'trails' during creation of wireframe entities and dimensions.
- Check for updated drivers for your display adapter hardware
  - Graphics drivers are being updated as frequently as once a month to address various performance and compatibility issues that have come up in Windows 7. Older drivers that are included with Windows 7 may not support advanced features which KeyCreator relies on.