

OpenGL[®] ES

Safety-Critical Profile Philosophy

Claude Knaus

July 5th, 2004

OpenGL is a registered trademark, and OpenGL ES is a trademark, of Silicon Graphics, Inc.

To reduce the burden of implementation and certification testing, redundant features should be reduced to a minimum. Exceptions are cases where legacy code would be widely impacted.

The Common-Lite profile targets pure software implementations and systems without a floating point unit. Safety-Critical implementations are expected to be