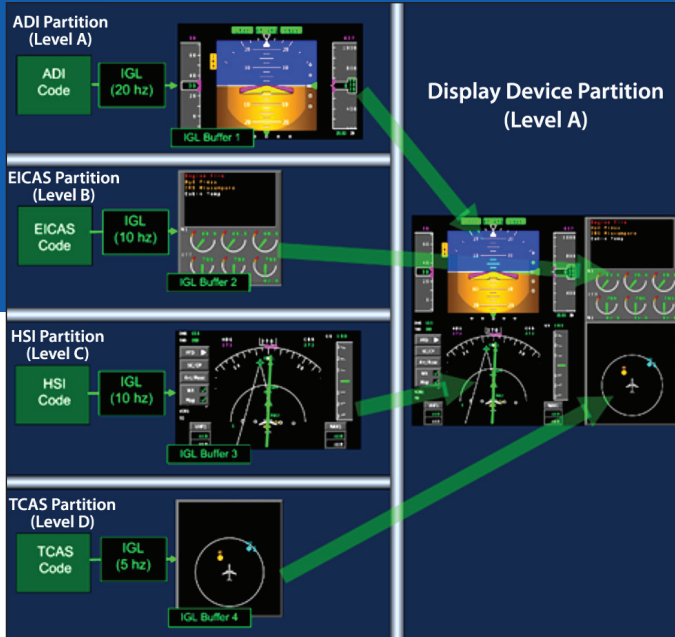
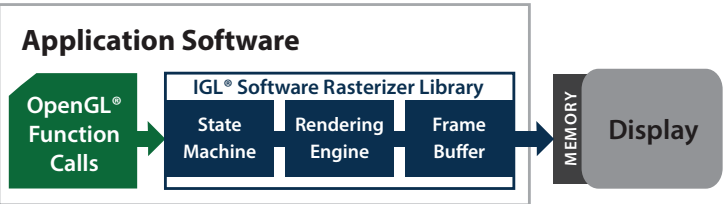




Safety-critical OpenGL® Software Graphics Renderer



A highly flexible graphics renderer, IGL® offers all the benefits of a software driven OpenGL® graphics engine. Efficient and with a small footprint, IGL gives application developers a wide range of implementation options for providing safety-critical real-time graphics on many different systems without the need for a dedicated GPU.

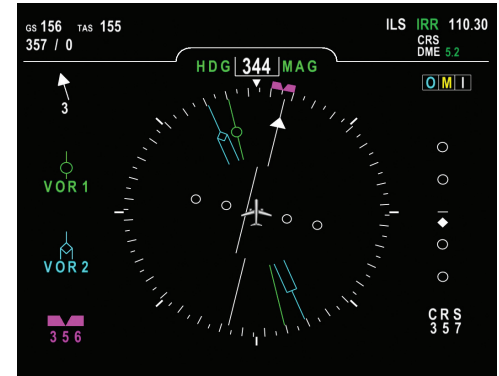


ADVANTAGES

- **Platform independent**—Designed to work with any real-time operating system and processor.
- **Certifiable to DO-178C Level A**—IGL Certification Kit meets the highest Design Assurance Level defined by the FAA.
- **Safety-critical graphics**—Ensure the highest quality graphics for mission- and safety-critical displays.

FEATURES

- **Partitioned graphics**—ARINC 653—Use IGL as your graphics processing software for safety-critical partition graphics displays.
- **OpenGL ES/SC**—IGL is aligned with the Khronos OpenGL SC and ES standards for high quality graphics.
- **Small footprint**—Small and efficient implementation offers developers various implementation options.
- **Virtualized graphics driver**—Enables a standard processor to function as a dedicated GPU.



BENEFITS

- **Reduce SWaP**—Reduce Size, Weight and Power of your avionics hardware with a software graphics processor.
- **Eliminate hardware obsolescence**—Remove the dependency on ever changing graphics processing hardware.
- **Radiation hardened environments**—IGL is ideal for display requiring radiation tolerance.
- **Reduce life cycle cost**—Eliminates the need for extra hardware and certification costs by using a software graphics renderer.



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