



Core Avionics & Industrial Inc.  
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## **CoreAVI announces the availability of DO-178C certifiable OpenGL drivers for the Intel® HD family of graphics processors for safety critical real time systems**

*CoreAVI's real-time OpenGL driver suite and safety certification package for Intel® HD graphics enables high reliability customers access to popular Intel processors with a wide range of features and performance capabilities. CoreAVI's embedded graphics solutions enable system manufacturers in aerospace, defense, medical, industrial and automotive markets to most effectively deploy Intel® HD graphics architectures in real-time and safety critical systems.*

**Tampa, Florida, June 22, 2015.** Core Avionics & Industrial Inc. (CoreAVI) has announced the release of their newest graphics driver suite designed to enable advanced OpenGL graphics using the Intel® HD family of graphics processors on real-time operating systems and safety critical platforms. CoreAVI's drivers are aligned with the latest Future Airborne Capability Environment (FACE™) Technical Standard and include the availability of FAA DO-178C and EASA ED-12C certification evidence up to Design Assurance Level A.

Developed from ground up for real-time, embedded and safety critical platforms, CoreAVI's new OpenGL ES/SC driver suite for Intel® HD graphics includes support for a broad range of Intel® HD 4000/5000 graphics processors integrated with Atom™, Core i3™, Core i5™, and Core™ i7 CPUs and SoCs, including Intel's Bay Trail, Ivy Bridge, Cherry Trail and Haswell family of products. CoreAVI's Intel® HD graphics driver architectures supports a wide range of multicore configurations, multiple guest OS and secure time and space partitioning. CoreAVI's latest hypervisor graphics driver module enables the efficient, safe and secure use of a single graphics processor utilized across multiple independent guest operating systems and applications. Currently, the driver architecture includes support for a wide range of operating systems, including Wind River VxWorks, Sysgo PikeOS, and DDC-I Deos.

“CoreAVI is pleased to announce our support for the family of Intel® HD graphics processors with real-time and safety critical graphics drivers, including driver certification packages to support Intel® based applications,” stated Lee Melatti, President at CoreAVI. “CoreAVI continues to invest in expanding its product offerings to address the wide range of power, performance and capability requirements in the safety critical and high reliability markets. CoreAVI will continue to expand its driver development and DO-178C certification evidence for Intel® HD graphics processors.”

### **Media Inquiries**

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### **About Core Avionics & Industrial Inc.**

Core Avionics & Industrial Inc. (“CoreAVI”), a Channel One company, provides “program ready” embedded graphics and video processors and advanced graphics solutions to mil-aero and high reliability embedded systems manufacturers. CoreAVI's products include 20+ year component supply management, temperature-screened versions of the AMD Radeon™ graphics processors and embedded graphics and video driver support for real time operating systems and safety critical platforms. CoreAVI's program support includes complete RTCA DO-178C / EUROCAE ED-12C Level A safety critical certification evidence for safety critical environments. [www.coreavi.com](http://www.coreavi.com)

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