ENSCO Avionics, Inc.

A wholly owned subsidiary of ENSCO, Inc.

For three decades, ENSCO has been a prominent avionics development partner, enabling the advancement of sophisticated airborne systems. Today, ENSCO Avionics, a wholly owned subsidiary of ENSCO, Inc., based in Endicott, N.Y., continues to be a leader in developing avionics solutions.

3 Holiday Hill Road
Endicott, NY 13760
1-866-ENSCO-NY

Contact us for more information at avionics@ensco.com or visit us at enscoavionics.com

ENSCO Avionics, Inc. provides safety- and mission-critical software and programmable hardware engineering solutions, tailored synthetic vision applications, and the iData® Tool Suite to the aerospace industry through specific focus on DO-178C, DO-254, DO-278A, and military standards.
ENSCO Avionics provides safety- and mission-critical software solutions to avionics systems development programs. Support is provided at any stage of the software development life cycle from requirements through design, code, integration, verification, and certification. Extensive DO-178C experience covers a wide array of platforms with specific domain expertise in embedded systems (e.g., flight controls), power systems, and avionics displays.

DO-254 Engineering & Certification Services
ENSCO Avionics provides full or partial turnkey complex electronic hardware development solutions required to support DO-254 requirements through Level A design assurance levels. As DO-254 requirements continue to move to the forefront of the avionics industry, ENSCO Avionics continues to guide its clients through the myriad of changing DO-254 requirements and offers cost-effective direction.

IData® Tool Suite
The IData® Tool Suite is a data driven solution for the creation of safety- and mission-critical embedded display applications. IData® provides a robust and flexible development framework to easily design, develop, prototype, and deploy rich graphics for any target display application. Designers benefit from IDataMap and IData3D plug-in modules for 2-D digital map displays and 3-D scene management. Accompanying certification artifacts ease the certification effort for mission- and DO-178 safety-critical embedded display applications.

IGL™ Software Graphics Renderer
IGL™ is a highly flexible safety-critical OpenGL® software graphics renderer that 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. IGL enables designers to overcome challenges faced in today’s display development environment due to its small size, lighter weight, lower power, and radiation tolerance.

SVS Core 2.0
ENSCO’s SVS Core is a software application that enables avionics system providers to achieve a tailored synthetic vision capability at a fraction of the cost of internal development. Compatible with any avionics system, the SVS Core provides a clear view representation of the environment in all weather conditions and situations.