

FOR IMMEDIATE RELEASE

CATI Training Systems, to Attend 2019 Fort Rucker Aviation Industry Day

Ozark, AL., July 16, 2019 - CATI Training Systems, please visit **CATI** at the 2019 Fort Rucker Aviation Industry Day, July 24-25, 2019 at THE LANDING on Fort Rucker AL. **CATI** has teamed with **SGB Enterprises Inc.** and **Immersive Display Systems Inc.** to create a highly capable, low-cost Flight Training Device (FTD) demonstration. The FTD will feature a UH-60M single seat cockpit complimented by a four-meter, six-channel dome display system. Visuals will feature **CATI X-IG®** image generator running the **PLW Modelworks'** San Francisco database. Additionally, **CATI** will showcase our latest solutions for training, simulation, synthetic environments, and virtual reality featuring X-IG® Version 4.2 and a Virtual Reality (VR) helmet-mounted display system, the SA-147/S provided by **SA Photonics**. To schedule a meeting or demonstration, please contact Vincent Hill, VP of Business Development.

About Immersive Display Systems Inc.

Immersive Display Systems Inc. designs and integrates affordable application-specific cylindrical and spherical projected visual display solutions for visualization, simulation and training. Utilizing best of breed technology from our internal developments, in combination with our broad base of technological partnerships, our display solutions are the ideal environments for the simulation of highly immersive experiences. This includes flight, driving, maritime/ship bridge, Joint Fires/JTAC, ground combat, small arms virtual training, situational awareness, or other civilian, government or military operations that benefit from either a panoramic or completely immersed experience.

About SGB Enterprises Inc.

For more than twenty-five years, **SGB Enterprises**, Inc has combined product design excellence and production expertise to a broad customer base for both military and commercial simulation training sectors.

SGB is a systems integrator that designs and manufactures procedural trainers, flight training devices, flight simulators, maintenance trainers, and all the avionics and control components that make up those same systems' cockpits. **SGB's** vertical integration and control over core processes allow **SGB** to maintain best value training solutions while achieving the highest levels of fidelity and reliability that is required to train today's aviators.

About SA Photonics

SA Photonics, one of the world's leading designers and manufacturers of augmented reality (AR) head mounted displays (HMD), is pleased to be presenting its 147 degrees horizontal field of view head tracked AR HMD, the SA-147/S HMD driven by CATI's X-IG® software.

SA Photonics is a pioneer in the development and deployment of innovative photonics solutions for military and commercial applications, with particular expertise in augmented and virtual reality head mounted displays, optical communications, laser based sensors, ruggedized photonics hardware, and complex analog and digital components for sea, air, space and ground applications.

About PLW Modelworks

PLW Modelworks utilizes proprietary software to create industry leading 3D city models from any type of imagery provided by imagery providers around the globe. **PLW** city model buildings are accurate in location, structure, dimension, and detail. Buildings are represented as individually selectable, individually attributed objects. Flat surfaces and crisp edges define the true 3D building shape in a precise and lightweight representation for better performance. High-resolution texture mapping presents each building with its actual appearance, providing the instant recognition essential for applications where real-world

accuracy matters. **PLW Modelworks** will work with you to provide a custom 3D model solution that exceeds your expectations.

About CATI Training Systems

CATI is headquartered in Ozark, AL, was initially incorporated in 1992 as Carmel Applied Technologies, Inc. **CATI** entered the competitive visual system providers market in 1997 with an OpenGL® Silicon Graphics Incorporated (SGI) based image generator, X-IG®. **CATI Training Systems** continues to provide engineering services and products for government, commercial, and civilian organizations around the world.

Today, **CATI's** image generator solutions and UAS Training devices are all PC-based. **CATI's** image generators are specifically designed around industry-standard OpenGL®, a high-performance graphics Application Programming Interface (API), and OpenFlight®, the 3D standard format for the visual simulation industry. The open design of X-IG® and X-Gen®, run on 100% Commercial-Off-the-Shelf (COTS) PC-based hardware and software. This allows us to offer high-performance, versatile capabilities for various types of training, testing, and experimentation. X-IG® and its suite of associated tools and programs offer superior image fidelity, realism, and ease of integration with most simulation systems.

Every system **CATI** delivers provides unmatched ease of use, open architecture, COTS tools, and flexible interface options as well as low acquisition, overhead, and life cycle support costs.

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