

FOR IMMEDIATE RELEASE

CATI Training Systems, Completes Major Visual System Upgrade Project for U.S. Army Research Simulator

Ozark, AL, March 01, 2021 - CATI Training Systems, (CATI), a leader in innovative Image Generator and Simulation Solutions, completed a major visual system upgrade of the NUH-60FS Black Hawk Flight Simulator for the United States Army Aeromedical Research Laboratory (USAARL) at Fort Rucker, AL. The scope of work for this project included facility renovation, removal of the existing visual system, installation of a new visual display system (including new collimated display, support structure and projectors), engineering, and integration. CATI partnered with RSi Visual Systems, Inc. (RSi) to deliver a full-motion CrossView 10R collimated optical display system with chin windows. The new simulator Image Generator System (IGS) features state of the art PC hardware and 12 channels of CATI X-IG® v4.1. For more information, please contact Vincent Hill, Vice President of Business Development.

About USAARL

The United States Army Aeromedical Research Laboratory (USAARL) is located at Fort Rucker, AL, the home of Army aviation. It is one of six laboratories within the U.S. Army Medical Research and Materiel Command. USAARL was established in 1962 to provide direct aviation medical research support to all Army Aviation and airborne activities. USAARL owns, maintains, and operates a Black Hawk flight simulator (NUH-60FS) for conducting human factor research focused on the performance and survival of rotary wing Warfighters. The NUH-60FS Aeromedical Research Blackhawk Flight Simulator is the world's only environmentally controlled, full-motion, full-visual aeromedical research flight simulator. The NUH-60FS plays a vital role in supporting USAARL's commitment to the health and safety of the aviators, the airborne Soldiers, and the ground Warriors by finding medical solutions that reduce health hazards, prevent and mitigate injury, enhance performance, and save lives.

About RSi Visuals Systems, Inc.

RSi Visual Systems, Inc. is the leading independent provider of Level D visual systems. Offering turnkey solutions for both new and legacy simulators, for over 20 years, RSi has been leading the advancement in visual technology for pilot training and has installed hundreds of Level D certified visual systems worldwide.

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 (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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