Auto GCAS – 2019 Collier Award Winner
Seven F-16 aircraft and eight pilots saved to date!

(Fort Worth, Texas – June 19, 2019) ZedaSoft, Inc., a member of Lockheed Martin's Advanced Development Programs (ADP) team is honored to have played an integral part in the development of the Automatic Ground Collision Avoidance System (Auto GCAS). The prestigious Collier award was presented to the Auto GCAS team at an awards dinner on June 18, 2019. Present to accept the award were members from Lockheed Martin ADP, USAF Advanced Flight Research Laboratories (AFRL), NASA and the Office of the Secretary of Defense (OSD).

ZedaSoft is a simulation and visualization software company that developed and continues to support upgrades to the dual-dome simulators provided for Auto GCAS and ICAS algorithm testing at Lockheed Martin. ICAS integrates both the Auto Air Collision Avoidance System (ACAS) and the previous Laureate award winning Auto GCAS technologies. To date, the Auto GCAS system has been credited with saving eight pilots and seven F-16 aircraft from ground collision. This same technology is now being integrated into the F-35 as a safeguard and to continue its life saving potential.

The ZedaSoft dual dome system includes two Reconfigurable Cockpit System (RCS) simulators, two Reconfigurable Desktop Simulators (RDS), Experimenter Operator Stations, and two 270 degree Immersive Displays Solutions, Inc. (http://www.immersivedisplayinc.com) dome projection systems each running ten channels of MetaVR™ (www.metavr.com) Virtual Reality Scene Generation (VRSG) visual scene rendering software. Simulator communications software is provided through PLEXCOMM, a product of PLEXSYS Interface Products, Inc. "We believe the tight integration of these simulator systems provided by our CBA® software framework continues to provide the best test platform and value for this very important life-saving technology." said GW Estep, president of ZedaSoft.

The video submitted to the Collier award committee can be found here: https://www.youtube.com/watch?v=u2Jr9EfjIr4

About ZedaSoft

ZedaSoft develops and integrates open architecture based products and solutions for our simulation and visualization customers including Lockheed Martin, BAE, U.S. Army, U.S. Air Force and other defense, Government and commercial organizations. The main goal at ZedaSoft is to strike the balance between agility and cost-effective deployed solutions utilizing our modern open systems architecture platform, Container Based Architecture (CBA®) for Simulation.

For additional information contact:
ZedaSoft, Inc.
Fred Fleury
817-616-1000 x229
fred.fleury@zedasoft.com
www.zedasoft.com

The USAF/OSD does not formally endorse ZedaSoft, MetaVR, IDSI or PLEXSYS products.