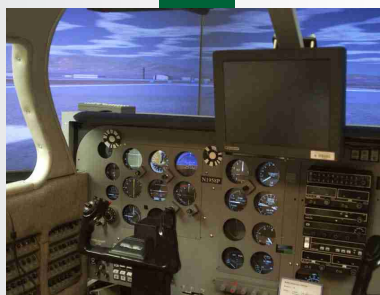


GSA Schedule for
Technical Services

Contract Number:
GS-35-F-0869N



TECHNICAL SERVICES

Software Development and Integration

Porting Silicon Graphics® based
simulations to Linux®

Porting to OpenGL graphics from SGI
IRISGL®

MPI, MetaVR and Quantum3D® Visual
Systems

DIS & HLA Simulation networking

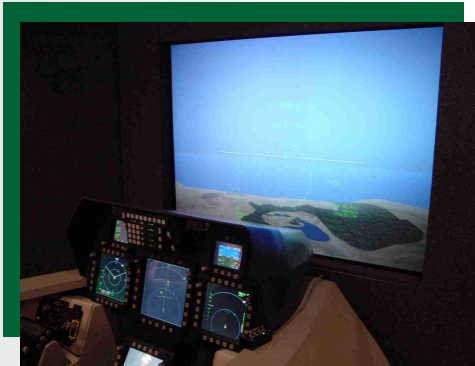
ZedaSoft provides software development and systems integration of advanced simulation and visualization computer systems, with projects including man-in-the-loop training and marketing simulations.

ZedaSoft is uniquely qualified to develop these highly complex and mission critical simulation systems in a cost-effective manner. As an example, ZedaSoft is a leader in the scaling of previously large UNIX based simulation systems running on Silicon Graphics® and Sun® systems to the more cost effective Linux® operating system running on Intel® Servers.



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F/A-22 Simulator

F/A-22 Marketing Simulator Updates and Maintenance

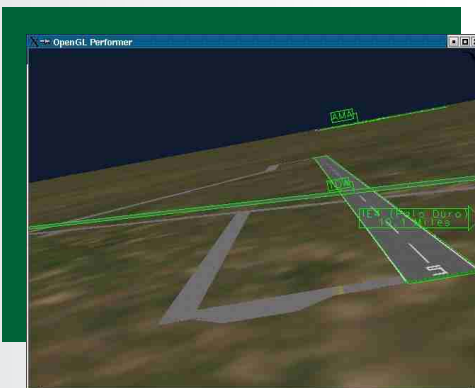
ZedaSoft provides the software and cockpit updates for the Lockheed Martin F/A-22 Marketing simulators, including mechanization and symbology updates needed to demonstrate new features and capabilities of the F/A-22 aircraft. The simulators vary from a fixed full 3-window visual scene simulator to a show demonstration unit down to a desktop model used to support concept development and demonstrations.



Force Protection Battlelab Visualization Project

Force Protection Battlelab Visualization Project

ZedaSoft delivered its initial version of the Airbase Visualization software to the U.S. Air Force's Force Protection Battlelab in San Antonio, TX. This software allows the Force Protection personnel to get familiar with their deployed base prior to landing at the base. A CD containing airfield image database and the training software is loaded on any PC and used to train the soldier in the base layout. ZedaSoft engineers created this training and familiarization tool using images from satellite photographs, modeling tools



FAA CAMI/HMD Study

and USAF personnel experience. It includes examples of the facility demarcations and equipment used to insure base security. This realistic view is intended to get the defenders productive as soon as they hit the ground.

Federal Aviation Administration – CAMI /HMD Study

The image was taken from a "signpost in the sky" system ZedaSoft built for the FAA's CAMI division. The FAA wanted to evaluate the benefits of a helmet-mounted display system that showed navigation symbology overlaying terrain. ZedaSoft put together a system using Intel hardware running RedHat Linux 7.2. The video subsystem was based on 64MB GeForce3 cards. Custom software was implemented in C++. SGI's OpenGL Performer was used to render the terrain and symbology overlay. The image shown is one of two channels that were output to a Kaiser helmet-mounted binocular display. Head position and orientation data were provided by a Polhemus serial head tracking system mounted to the helmet.

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