



Enhancing simulation
with advanced, flexible
integration

Reconfigurable Cockpit Testbed

Enhancing simulation with advanced, flexible integration

Immersive simulation has become the training standard — but system-specific simulators are costly and inflexible. SAIC's reconfigurable cockpit trainer integrates commercial off-the-shelf (COTS) technology with cutting-edge military simulations to help meet a variety of training needs, now and in the future.

Reconfigurable Aircraft Simulation

Jeffrey Jancek

407.243.3507



Capabilities

- Provides reconfigurable aircraft simulation
- Integrates with LVC environments
- Offers upgradable terrain and imagery
- Integrates COTS software integrated with military simulations
- Simulates air operations center tasking
- Interoperates with DIS-compliant simulations
- Provides dual multifunction displays

Microsoft® ESP™ drives the system's flight model and graphics, while the SAIC-developed FlightSimToDIS gateway is designed to enable it to operate in a common synthetic environment with distributed interactive simulation (DIS)-compliant simulations — most notably One Semi-Automated Forces (OneSAF®) — as well as live, virtual and constructive (LVC) environments.

The standard Microsoft ESP terrain has been updated with real-world source data, including QuickBird imagery from DigitalGlobe Inc.

An advanced military deserves equally advanced training. With the reconfigurable cockpit trainer, SAIC has created a flexible, affordable system for prototyping, experimenting and part-task training.

Jeffrey Jancek, Business Development Manager

12901 Science Drive | Orlando, FL 32826

tel: 407.243.3507 | email: jeffrey.m.jancek@saic.com

Visit us online at www.saic.com

Energy | Environment | National Security | Health | Critical Infrastructure

© 2009 Science Applications International Corporation. All rights reserved. SAIC, the SAIC logo, and "From Science to Solutions" are trademarks or registered trademarks of Science Applications International Corporation in the United States and/or other countries. OneSAF is a registered trademark of the United States Army in the United States and/or other countries. Microsoft and ESP are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries.

SAIC
From Science to Solutions®