

January 6, 2009

United States Air Force Selects TUC as a “Technology Initiative” for JEFX 2009

McLane Advanced Technologies (MAT) has led the effort to successfully win an opportunity with the United States Air Force (USAF) Joint Expeditionary Force Experiment (JEFX) in 2009.

Temple, TX – The U.S. Air Force’s Global Cyber Integration Center (GCIC) announced they have selected Tactically Unbreakable COMSEC (TUC) as a **Technology Initiative** for full-scale evaluation during Joint Expeditionary Force Experiment (JEFX) 2009. The JEFX series is a Department of Defense (DOD) funded exercise. It is designed to test and evaluate advanced and disruptive technologies currently under consideration for broad deployment across the DOD enterprise, and to rapidly transition enhanced capability to the battlefield.

GCIC teams with major commands, joint and coalition partners, national agencies, industry, and academia - all to develop, integrate and standardize air, space, and cyberspace components. The TUC product will be used to encrypt air-to-air, air-to-ground, and ground-to-ground data transmissions and to secure data at rest. TUC was selected because of its disruptive ability to use dynamically reconfigurable logic to encrypt at very high speed large volumes of data and to close critical warfighter capability gaps.

The evaluation will be conducted during two exercise phases: JEFX 09/2 will be held in February 2009 and JEFX 09/3 will be held in April 2009. TUC is one of fourteen different technologies that were selected to participate in this exercise series. As currently planned, JEFX will be hosted at three main exercise sites:

- Nellis Air Force Base, Nevada, will stand-up a Contingency Air Operations Center (CAOC) and perform command and control functions for a mock-war effort of 300-500 live-fly sorties per day;
- Wright-Patterson Air Force Base, Ohio, will execute various fighter simulations from within their SIMAF facilities and pipe encrypted data to the CAOC; and
- Eglin Air Force Base, Florida, will focus on evaluating the utility of several classified initiatives.

The overall communications architecture includes TUC installations on airborne strategic and tactical platforms, CAOC desktops, and network connections between remote sites.

“We’re excited about TUC’s selection for JEFX because it represents our MAT/ACCI partnership’s first TUC deployment and will help open doors to other opportunities within the DOD” said Chuck Costanza, CEO of McLane Advanced Technologies.

Tactically Unbreakable COMSEC is a product of Advanced Communications Concepts Incorporated (ACCI), located in Austin, Texas.

About McLane Advanced Technologies

McLane Advanced Technologies, LLC provides both government and commercial information technology and logistics services. MAT serves U.S. military, government, and commercial customers throughout the world.

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