News Release

Joint Program Executive Office, Joint Tactical Radio System
Contact: Steven A. Davis
Desk: 619.524.3432 / Cell: 619.925.4304
steven.a.davis@navy.mil

June 16, 2006 (JPEO-NR-2006-005)

JPEO JTRS Approves New Release of the Software Communications Architecture

SAN DIEGO – The Joint Program Executive Office of the Joint Tactical Radio System (JPEO JTRS) has approved the publication and distribution of an updated version of the Software Communications Architecture (SCA). This latest version (SCA version 2.2.2, dated May 15, 2006) can be accessed via the JPEO JTRS SCA website, http://jtrs.spawar.navy.mil/sca.

Based on version 2.2.1 of the specification, the updated version addresses issues identified by the former Technical Architecture Group, as well as various JTRS programs with a focus on clarifying existing capabilities and definitions. As part of the effort to ensure the SCA meets the needs to the Software Defined Radio Community as well as the JTRS, the API Supplement (all versions) and the Specialized Hardware Supplement (version 3.0) to the SCA have been deprecated in favor of the standardization of JTRS specific APIs. Similarly, the Security Supplement has been deprecated in favor a JTRS-specific security specification.

The SCA plays a vital role within the JPEO JTRS program by standardizing the deployment, management, interconnection, and intercommunication of software application components in embedded, distributed-computing communication systems. While the SCA is published and maintained by the JPEO JTRS, it has received wide support and use from commercial radio developers and industry organizations. The JPEO JTRS remains the sole certification authority for the SCA.

About JTRS

In February 2005, the Under Secretary of Defense of Acquisition, Technology, and Logistics (USD AT&L) announced organizational changes to the JTRS program to ensure the development of all affiliated programs as products under single management. In March 2005, the USD (AT&L) appointed a Joint Program Executive Officer (JPEO) for JTRS to provide an overarching management structure. The JPEO JTRS was given full directive authority for all waveform, radio, and common ancillary equipment development; performance and design specifications; standards for operation of the system; and JTRS systems engineering. In addition, the JPEO JTRS is responsible for conducting cost, schedule, and performance evaluations for all JTRS activities as well as a comprehensive review of the JTRS organization.

Since its inception, the JPEO JTRS has taken many key actions to accomplish its directive, including in-depth assessments of the various Program Management Offices, the creation of a Systems Engineering Council to assess and implement common solutions across programs, and the realignment of JTRS functions to improve overall efficiency and effectiveness. At each milestone, senior leadership was engaged to ensure concurrence on the program's continued progress. Additionally, the JPEO JTRS office developed an over-arching systems engineering approach and an open JTRS technology base to strengthen interoperability, affordability, and speed to capability to counter requirements growth.