



News Release

Joint Program Executive Office, Joint Tactical Radio System

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April 24, 2007 (JPEO-NR-2007-003)

JPEO JTRS Releases Application Program Interfaces

SAN DIEGO – The Joint Program Executive Office of the Joint Tactical Radio System (JPEO JTRS) approved a set of JTRS Application Program Interfaces (APIs) for release. The APIs may be downloaded from the JPEO JTRS SCA website at <http://jtrs.spawar.navy.mil/sca>.

The APIs are a companion to the Software Communications Architecture and define relationships and communication between radio waveform applications and the software defined radio set. Standardization of APIs within the JTRS program enhances portability and reusability of waveform and operating environment software. The JPEO released this set of APIs to provide similar benefits to the commercial radio industry.

The SCA plays a vital role within the 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.

About JPEO 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, USD (AT&L) appointed a Joint Program Executive Officer (JPEO) for JTRS to provide an enterprise management structure. The JPEO JTRS was given full directive authority for research, development, and developmental test and evaluation of all waveforms, radios, common ancillary and network management equipment, and software for the JTRS program. JPEO JTRS directs and implements all aspects of JTRS acquisition from Milestone A approval through successful full rate production decision.

On March 31, 2006, the Department of Defense signed an Acquisition Decision Memo (ADM) approving the restructuring of the JTRS program under a management construct that creates a "family of software radios." The ADM directed the JPEO to implement the restructured JTRS program with an evolutionary acquisition strategy using an incremental development approach at moderate risk.