



News Release

Joint Program Executive Office, Joint Tactical Radio System

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JPEO JTRS Approves New Release of 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 extension document for the current version of the Software Communications Architecture (SCA 2.2.2). This SCA version 2.2.2 Extensions document can be accessed via the JPEO JTRS SCA website at <http://jtrs.spawar.navy.mil/sca>.

The SCA 2.2.2 Extension addresses two areas which were previously under specified within SCA 2.2.2. Specifically, this extension addresses the deployment of non-SCA services (i.e. those other than Log, FileSystem, Event and Naming) and the introduction of a minimally intrusive mechanism to manage and optimize application deployment. The underlying design constraint behind this extension was to provide an approach that addressed the system development needs of the JTRS community while maintaining backward compatibility with the existing 2.2.2 specification. The extension introduces new behavioral requirements for an SCA 2.2.2 compliant Core Framework if the capabilities described within the extension are supported. However, the decision of whether or not to include the capabilities is at the discretion of the platform provider.

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.

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.