



# News Release

**Joint Program Executive Office, Joint Tactical Radio System**

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## **JTRS SRW Network Manager Successfully Completes FQT**

San Diego – The Joint Program Executive Office (JPEO) for the Joint Tactical Radio System (JTRS) Network Enterprise Domain (NED) announces the successful completion of the Formal Qualification Test (FQT) of the Soldier Radio Waveform Network Manager (SRWNM) with multiple JTRS radios on January 28, 2011. Completion of the SRWNM FQT is a significant milestone in delivering an enterprise-wide network planning and management capability for JTRS radios.

SRWNM enables planning of heterogeneous SRW networks consisting of SRW-capable radios from multiple vendors, generating the presets for the radios in the plan, downloading the presets to the planned radio nodes, and then monitoring the planned operational SRW network. SRWNM is a key component of the JTRS Enterprise Network Manager (JENM) which provides tactical network management product for all JTRS radios. JENM enables planning, instantiation, management and over-the-air reconfiguration of tactical networks comprised of software-defined radios from multiple vendors, greatly simplifying network planning and operations as compared to using separate management products provided by each qualified radio vendor.

In addition to providing SRW planning and management for JTRS radios being developed on government contracts such as the Ground Mobile Radios (GMR) and Handheld/Manpack/Small Form Fit (HMS) programs, the SRWNM development and FQT included robust planning and management capabilities for the Harris Corporation AN/PRC-117G and ITT Corporation Soldier-Rifleman Radio. Both of these radio products are being developed leveraging the JTRS Enterprise Business Model which allows radio developers access to JTRS software capabilities for integration into their products without government contracts and funding.

The JTRS Enterprise Business Model is designed to stimulate competition, increase innovation and reduce government costs through software reuse while simultaneously speeding development and fielding of tactical networking capabilities. Inclusion of radio products developed under the JTRS Enterprise Business Model in the SRWNM FQT represents a unique government and industry partnership to aggressively deliver advanced tactical networking capabilities to joint warfighters. Successful completion of the SRWNM FQT with these products included validates the JTRS Enterprise Business Model effectiveness and illustrates its ability to foster a competitive environment in the Defense communications and networking industry. All SRWNM and JENM releases are also made available on the JTRS Information Repository (IR) to other authorized users within the Department of Defense and commercial industry.

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## **About JPEO JTRS (<http://jpeojtrs.mil>)**

The Joint Tactical Radio System (JTRS) has evolved from a loosely associated group of radio replacement programs to an integrated effort to network multiple weapon system platforms and forward combat units where it matters most – at the last tactical mile. In 2005, JTRS was restructured under the leadership of a Joint Program Executive Officer (JPEO) headquartered in San Diego, California. The JPEO JTRS provides an enterprise acquisition and management approach to successfully and efficiently develop, produce, integrate, test and field the JTRS networking capability.

By developing and implementing an open architecture of cutting–edge radio waveform technology, multiple radio types (e.g., handheld, ground–mobile, airborne, maritime) are now capable of communicating with one another. The ultimate goal is to produce a family of interoperable, modular, software-defined radios that operate as nodes in a network. These radios enable secure wireless communication and networking services for mobile and fixed forces, consisting of joint, U.S. Allies and coalition partners, and in time, disaster response personnel.