

Richard North, PhD
Director, Joint Reference Implementation Laboratory (JRIL)
San Diego, California



Dr. Richard North is the Director of the Joint Reference Implementation Laboratory (JRIL) for the Joint Technical Networking Center (JTNC) in San Diego, California. He is responsible for establishing a government led software sustainment organization, supporting both Program of Record and Non-Developmental Software Defined Radio (SDR) efforts integration of JTNC waveform software, and helping to ensure these SDR efforts are successfully deployed. Prior to his current assignment, he was the Technical Director for JPEO JTRS from 2005 to 2011 in charge of technical oversight, enterprise-wide standards and processes, and future capabilities.

In 1992, Dr. North joined the U.S. Navy Space and Naval Warfare (SPAWAR) System Center in San Diego where he specialized in Systems Engineering for various communication programs in Research, Development and Acquisition. In 1994, he became the Project Manager and Technical Lead for HDR LOS R&D Project where he developed, implemented, and tested several High Data

Rate advanced radio systems for ship-to-ship/shore/air-line-of-sight communications.

In 1997, he became the technical lead for the ACAT III PEO C4I Digital Modular Radio program. Following, was an assignment as the Project Manager for Joint Tactical Radio System Test and Evaluation Laboratory (JTeL), where he managed the initiation of the JTeL program in support of test and evaluation of all JPEO JTRS products.

In 2004, he became the Associate Technical Director at PEO C4I & Space in charge of program oversight within the Communications and Networking area and provided oversight and guidance of the evolution of shore, shipboard, and subsurface C4I systems.

In 2009, Dr. North received the Lauritsen-Bennett Award for Engineering, reflecting his expertise in line-of-sight communications, software defined radios, and providing technical direction, advice, and insight on matters related to the JTRS program.

A graduate of University of California, Davis, Dr. North received his B.S. in Electrical and Computer Engineering and received the Tau Beta Pi Award. He then obtained his Masters of Engineering in Electrical Engineering at Cornell University in Ithaca, NY and received the General Motors Scholar Award. Dr. North received his PhD in Electrical and Computer Engineering from the University of California, San Diego in 1991.