



FOR IMMEDIATE RELEASE

Raytheon Intelligence & Space demonstrates multidomain advanced tactical comms

Raytheon BBN's Robust Information Provisioning Layer builds the future of comms in the operational environment

CAMBRIDGE, Mass., (Nov. 14, 2022) – Raytheon BBN, a subsidiary of Raytheon Technologies, recently showcased its Robust Information Provisioning Layer, or RIPL, solution during an Air Force Research Laboratory exercise at their Stockbridge Test Site in Rome, New York.

During the exercise, Raytheon BBN's RIPL system allowed seamless and secure access to content for all users in the network, ensuring users received only what they requested and what they were authorized to see. By combining advances in AI/ML with advanced disruption tolerance protocols, RIPL was able to overcome the type of limited and intermittent connectivity expected in contested environments, rapidly getting critical content to those who needed it.

Brian Holmes, program manager, AFRL Advanced Planning and Autonomous C2 Systems Branch, said the demonstration, which included three of the four mission divisions with AFRL/RI and two geographically separated locations was "executed flawlessly."

Raytheon BBN's RIPL technology was successfully used to enable secure multidomain interoperability and information dissemination at the tactical edge. RIPL was demonstrated using multiple waveforms and hardware platforms, as well as numerous data formats with both real and emulated components.

RIPL enables the Air Force Combat Cloud vision, which in turn will be a key enabler of the U.S. Air Force's Advanced Battle Management System and the DOD's Joint All Domain Command and Control vision.

Work on RIPL is being conducted in Cambridge, Massachusetts.

###

Media Contact:

Eric T. Mazzacone
eric.mazzacone@rtx.com

About Raytheon BBN

Founded in 1948, Raytheon BBN provides advanced technology research and development with a focus on national security priorities. From the ARPANET, to the first email, to the first stereo digital mammography system, through the first metro network protected by quantum cryptography, Raytheon BBN has consistently transitioned advanced research to produce innovative solutions for its customers. Today, Raytheon BBN's innovations allow for leading-edge

maritime systems, networking solutions, speech understanding in any language or format, and lifesaving shooter detection systems. Raytheon BBN scientists and engineers continue to take risks and challenge conventions to create new and fundamentally better solutions in analytics & machine intelligence, networks and sensors, intelligent software and systems, and physical sciences.

About Raytheon Intelligence & Space

Raytheon Intelligence & Space, a Raytheon Technologies business, delivers the disruptive technologies our customers need to succeed in any domain, against any challenge. A developer of advanced sensors, cyber services and software solutions, Raytheon Intelligence & Space provides a decisive advantage to civil, military and commercial customers around the world.