

NIE Network Integration Evaluation 12.2



(U.S. Army photo by Claire Heininger Schwerin)



(U.S. Army photo by Amy Walker)

(Above) The brigade Tactical Operations Center was the operations hub during the Network Integration Evaluation 12.2, which was held in conjunction with the Warfighter Information Network-Tactical Increment 2 Initial Operational Test and Evaluation. The structure of the brigade TOC consisted of the Standardized Integrated Command Post System Trailer Mounted Support System - Large. The TMSS-L combines shelter, utilities, power, environmental control and tactical mobility to form a complete command operation center. During the event the brigade TOC, which contains dozens of network systems, “jumped” or moved three times, tested mission command on-the-move capabilities, and then reestablished connectivity to full operational capability.

(Above) A Soldier from 2nd Brigade, 1st Armored Division demonstrates a Nett Warrior device during NIE 12.2. As part of Capability Set 13, Nett Warrior is a Soldier-worn, Smartphone-like mission command system that connects with the JTRS Rifleman Radio to provide dismounted leaders with increased situational awareness and mission-related “apps.” (Right) A 2/1 AD Soldier stands before a Warfighter Information Network-Tactical Increment 2 Point of Presence on May 17, 2012 during the WIN-T Increment 2 Initial Operational Test and Evaluation at White Sands Missile Range, N.M. Held in conjunction with the Army’s Network Integration Evaluation 12.2, the three-week WIN-T Increment 2 IOT&E was conducted in May in real-world operational environments, including WSMR’s deserts, mountains, and a simulated urban village as shown here.



(U.S. Army photo by Amy Walker)



(U.S. Army photo by Claire Heining Schwerin)

(Above) A Soldier from 2nd Brigade, 1st Armored Division moves into position in front of vehicles equipped with Warfighter Information Network-Tactical Increment 2 during the Network Integration Evaluation 12.2 at White Sands Missile Range, N.M., in May. With the 3,800 Soldiers of 2/1 AD conducting a rigorous, intelligence-driven operational scenario against a battalion-sized opposing force, the Army's new tactical communications network allowed them to rapidly pass information across echelons -- from the brigade tactical operations center down to the individual Soldier. Facing a hybrid threat comprised of conventional forces, insurgents, criminals and electronic warfare, the brigade executed combined arms maneuver, counterinsurgency and stability operations. (Below right) A 2/1 AD Soldier uses the Joint Tactical Radio Systems Rifleman Radio to communicate during the NIE 12.2. The Rifleman Radio, a two-pound radio carried by the individual Soldier for voice communications and to transmit position locating information. Used by team leaders and above, the Rifleman Radio can also link with handheld devices to transmit text messages, GPS locations and other data. (Below) The NIE 12.2 was the third and largest such event the Army has held to date, requiring the 2nd Brigade, 1st Armored Division to assess the network's performance while stretched across vast distances and punishing terrain at White Sands Missile Range. Soldier feedback and test results from NIE 12.2 will validate and finalize Capability Set 13, the first integrated package of tactical communications gear that will be fielded to eight brigade combat teams starting in October 2012.



(U.S. Army photo by Claire Heining Schwerin)



(U.S. Army photo by Claire Heining Schwerin)