

U.S. Army Brigade Combat Team Exercise Demonstrates Value of On-the-Move Networking

WHITE SANDS MISSILE RANGE, N.M., /PRNewswire/ -- During a recent U.S. Army Brigade Combat Team Integration exercise, General Dynamics C4 Systems-led programs successfully demonstrated critical networking and communications capabilities that connected command posts, on-the-move forces and dismounted soldiers. General Dynamics C4 Systems is a business unit of General Dynamics.

During the exercise, widely dispersed Army units exchanged command-and-control messages, location information, voice, electronic chat and imagery while on the move. Using the Joint Tactical Radio System's Soldier Radio Waveform and involving sensors, aerial platforms, vehicles and command posts, the seamless, ad-hoc networking extended connectivity to dismounted soldiers for the first time.

The four-day exercise featured seven realistic mission scenarios that demonstrated how the Army's Warfighter Information Network-Tactical (WIN-T) and Joint Tactical Radio Systems (JTRS) can work with key battle command applications to increase force effectiveness across a variety of missions and terrain.

Chris Marzilli, president of General Dynamics C4 Systems, said, "This exercise was a great opportunity to show the value of tight integration across command, control, communications and computing domains. WIN-T, JTRS HMS, Land Warrior, Command Post of the Future (CPOF) and the Tactical Ground Reporting System (TIGR) integrate very effectively and demonstrate the importance of the network to bringing critical mission data to the warfighter."

The exercise, staged at White Sands Missile Range in New Mexico, was designed to show the increased effectiveness of brigades equipped with high-throughput wireless networking to the tactical edge. Range was extended through Manpack radios and through the integration of an aerial tier using other JTRS HMS radios, demonstrating the usability and functionality of key equipment in rugged desert and mountain environments. The network reach was also complemented by the upper tier, over-the-horizon capability of WIN-T.

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