

Data Link Solutions to Provide BAE Systems' FireNet Tactical Systems for US Navy



FireNet enables Joint All Domain Command and Control operations and will be provided to the U.S. Navy. *BAE Systems* WAYNE, N.J. – The U.S. Navy has awarded Data Link Solutions, a joint venture between BAE Systems and Rockwell Collins Inc., a contract to provide small form factor Link 16 radios, which will be fulfilled using BAE Systems' FireNet Link 16 tactical systems.

FireNet is a scalable, secure, and open system architecture communications solution with a unified tactical network to enable Joint All Domain Command and Control operations.

“We have developed a first-of-its kind small form factor system that enables full Link 16 connectivity. FireNet is scalable and modular to give our service men and women a battlefield advantage in network-centric environments across

domains,” said Amber Dolan, director of Adaptive Communications and Sensing at BAE Systems. “Using the government’s program of record waveform, we can reduce lifecycle costs, quickly deliver updated capabilities, and enhance mission survivability across manned and unmanned fleets.”

The FireNet system is Crypto Modernization 1 compliant and offers the highest transmit power available in a SFF radio for current and future fleets. The system addresses size, weight, power, and cost demands and its applications can extend across rotary-wing aircraft, unmanned vehicles, maritime vessels and space platforms. It enables additional line-of-sight voice, data and network communications from very high frequency to S-Band.

Work on the FireNet system will take place at BAE Systems’ Wayne, New Jersey; Austin, Texas; Fort Wayne, Indiana; and Hudson, New Hampshire sites. Qualification and certification will begin in 2024.