

JOINT STARS SCDL Broadcast Data Link

'Eyes in The Sky' for U.S. Commanders

Cubic's Surveillance and Control Data Link (SCDL) is a key element of the U.S. Joint Surveillance Target Attack Radar System (Joint STARS), the U.S. Air Force's sophisticated airborne battle management, command and control, intelligence, and reconnaissance platform.

Joint STARS provides air-to-ground and ground-to-air transmission of data, allowing commanders to look behind enemy lines, and obtain intelligence and targeting data.

The Cubic SCDL provides a secure, allweather link between Northrop Grumman's E8C aircraft to multiple ground stations.

Cubic delivered its first Joint STARS data link in 1987, and since then the system has helped save many lives in the Persian Gulf War, Bosnia, Iraq and Afghanistan. The 116th Air Control Wing's Joint STARS E8C aircraft has logged in 40,000 combat hours supporting the Global War on Terror.

Cubic continues to receive orders for SCDL and provides technical support services. The company is also en-

gaged in a separate internal research and development effort to create a new wider bandwidth data link system to meet the growing information demands for the battle-proven intelligence, surveillance and reconnaissance platform.







Major Features..

- High-speed frequency hopping for maximum resistance to in-band interference from any source
- Full RF spectrum agility, enabling SCDL to operate in shared spectral bands
- Encryption, error correction and data redundancy to ensure that data always get through
- Adaptive data rates to 1.9 Mbps

