

Joint Tactical Radio System (JTRS) Cluster 5

Improves soldier communication and situational awareness with lightweight, on-the-move communications.



DESCRIPTION AND SPECIFICATIONS

The Joint Tactical Radio System (JTRS) Cluster 5 radios are software-reprogrammable, networkable, multi-band, multi-mode systems capable of simultaneous voice, data, and video communications. They fulfill the requirement for single, two-channel, and small form factor hardware systems capable of hosting software communications architecture (SCA)-compliant software waveforms.

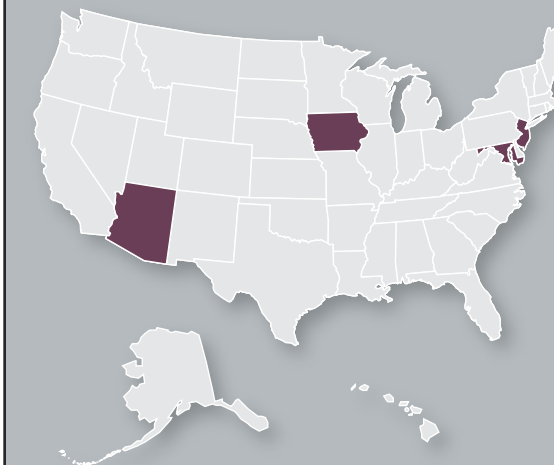
The JTRS Cluster 5 program consists of three primary form factors: handheld (HH), manpack (MP) (including vehicular mounted), and a family of small form fit (SFF) embedded applications. JTRS Cluster 5 program capabilities and timelines are structured to be synchronized with Project Manager, Unit of Action (PM-UA)—formerly PM, Future Combat Systems—and Land Warrior.

PROGRAM STATUS

- **4QFY04** System development and demonstration contract awarded; program began on October 22, 2004.

PROJECTED ACTIVITIES

- **3QFY07** Spiral 1 Initial operational capability
- **3QFY11** Spiral 2 Initial operational capability



CONTRACTORS

- General Dynamics Decision Systems (Phoenix, Az)
- Thales Communications Systems (Clarksburg, MD)
- Rockwell Collins (Cedar Rapids, IA)
- BAE Systems North America (Wayne, N.J.)

INVESTMENT COMPONENT

Modernization

ACQUISITION PHASE

- System Development and Demonstration