# Joint Tactical Radio System Ground Mobile Radios (JTRS GMR)

#### INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

#### **MISSION**

To provide mobile internet-like capability and interoperability with Current Force radios through simultaneous and secure voice, data, and video communications supporting battle command, sensor-to-shooter, sustainment, and survivability applications in full-spectrum operations on vehicular platforms.

#### DESCRIPTION

Through software reconfiguration, the Joint Tactical Radio System Ground Mobile Radios (ITRS GMR) can emulate Current Force radios and operate new internet protocolbased networking waveforms offering increased data throughput utilizing self-forming, self-healing, and managed communication networks. The GMR route and retransmit functionality links various waveforms in different frequency bands to form one internetwork. GMR can scale from one to four channels supporting multiple security levels and effectively use the frequency spectrum within the 2 megahertz to 26 hertz band.

#### **SYSTEM INTERDEPENDENCIES**

Army modernization efforts, Abrams, HMMWV, Bradley, Command Post System Carrier, JTRS Network Enterprise Domain (NED) products and services, WIN-T

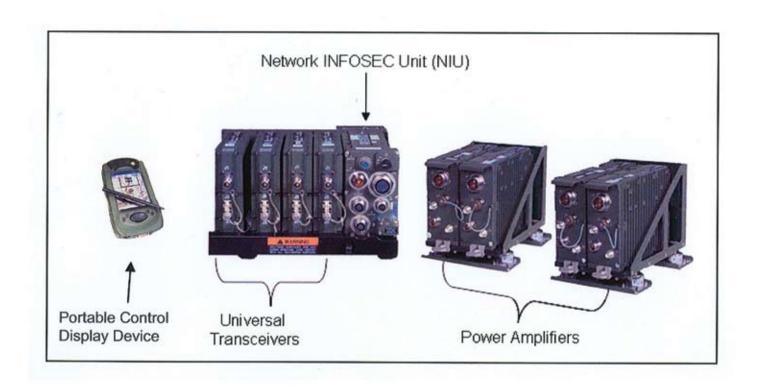
#### **PROGRAM STATUS**

- **2QFY09:** EDM radio deliveries begins; Test readiness review
- **3QFY09:** EDM production and deliveries complete; production qualification test begins, security verification tests begin

#### PROJECTED ACTIVITIES

- **3QFY10:** System integration test begins; security verification test concludes; production qualification test concludes; NSA approval to enter limited user test
- 1QFY11: Limited user test concludes
- **2QFY11:** Milestone C decision approving entry into the production and deployment phase

**ACQUISITION PHASE** 



## Joint Tactical Radio System Ground Mobile Radios (JTRS GMR)

## **FOREIGN MILITARY SALES**

None

## **CONTRACTORS**

Boeing (Huntington Beach, CA) BAE Systems (Wayne, NJ) Northrop Grumman (San Diego, CA) Rockwell Collins (Cedar Rapids, IA)

