

Joint Tactical Radio System Network Enterprise Domain (JTRS NED)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

To develop and deliver portable, interoperable, transformational networking waveforms (e.g., wide-band network waveforms, Soldier radio waveforms), as well as the software to manage the network services needed to fully enable JTRS' mobile, ad hoc networking capability. NED products will produce the networking capability that allows U.S. warfighters from all military branches to access and share relevant and timely information.

DESCRIPTION

The heart of the interoperable networking capability of JTRS, NED's product line consists of: 14 Legacy Waveforms (Bowman VHF, COBRA, EPLRS, Have Quick II, HF SSB/ALE, HF 5066, Link 16, SINCGARS, UHF DAMA SATCOM 181/182/183/184, UHF LOS, VHF LOS); three Mobile Ad-hoc Networking Waveforms (Wideband Networking Waveform [WNW], Soldier Radio Waveform [SRW], and Mobile User Objective System [MUOS]–Red Side Processing); and Network Enterprise Services (NES) including

the JTRS WNW Network Manager (JWNM), JTRS Enterprise Network Manager (JENM), and Enterprise Network Services Phase 1 (ENS PH1).

SYSTEM INTERDEPENDENCIES

JTRS Ground Mobile Radio (GMR), JTRS Airborne and Maritime/Fixed Site (AMF), Multifunctional Information Distribution System (MIDS)–JTRS, JTRS Handheld, Manpack and Small Form Fit, NED provides SINCGARS and Link 16

PROGRAM STATUS

- **2QFY09:** SRW 1.0c final qualification test (FQT) delivered
- **3QFY09:** Link-16 FQT
- **1QFY10:** WNW v4.0; JWNM v4.0; UHF SATCOM; HF v4.0 FQT deliveries

PROJECTED ACTIVITIES

- **3QFY10:** SRWNM 1.0+ deliveries
- **4QFY10:** JENM Phase 1 FQT deliveries
- **1QFY11:** ENS Phase 1 FQT deliveries
- **2QFY11:** MUOS v3.1 FQT deliveries
- **4QFY11:** JENM Phase 2 FQT deliveries

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

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FOREIGN MILITARY SALES

None

CONTRACTORS

- Boeing (Huntington Beach, CA)
- Harris Corp. (Melbourne, FL)
- ITT (Clifton, NJ)
- Northrop Grumman (San Diego, CA)
- Rockwell Collins (Cedar Rapids, IA)

