

# Wearable Soldier Radio Terminal (WSRT)

Wideband networking radio for the dismounted Soldier supporting voice and data.



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The ITT WSRT is the next generation of communication capability for the dismounted Soldier. It links Soldiers to each other, bridges the mounted to dismounted gap, and supports critical reachback communications. ITT's WSRT is a software-definable radio capable of supporting both narrow and wideband waveforms for current and future capability.

The WSRT provides dynamic ad hoc network support under all combat conditions. Developed by ITT, the world leader in network centric waveforms for over a decade, WSRT provides Soldiers with voice, data, and video capabilities using highly robust wide-band networking technologies.

The WSRT is extremely power efficient, minimizing battery weight on extended missions. Its extreme frequency agility supports a broad range of operational missions, making this the one radio for every Soldier.

## Technical Description

- Designed for SCA 2.2 compliance
- Supports voice and data
- UHF band; up to 5 W transmit power
- Range: 2 Km open field, 1 Km urban
- Type III COMSEC
- Internal commercial GPS receiver
- Interfaces: ethernet, USB, headset
- SWAP: 39 Cu. In., 1.2 lbs., < 5 W average power
- Includes adaptive power management

## Operational Description

- Wideband networking radio for dismounted Soldiers
- Provides CNR voice for dismounted units
- Radio automatically generates position report without the need for attached PDA
- Demonstrated integration with FBCB2 and other C2 applications for situational awareness data collection and display
- Simple HMI minimizes training and operator interaction during mission
- Growth for additional wideband and narrowband waveforms to maximize interoperability



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