

TASMUS | TARAS

DEPLOYABLE RADIO LINK
COMMUNICATIONS SYSTEM

#MilitaryCommunication



aselsan

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DEPLOYABLE RADIO LINK COMMUNICATIONS SYSTEM

TARAS is a secure communication system to address all the communication requirements of the commanders in the tactical field.

TARAS provides similar capabilities compared to the Tactical Communication System (TASMUS), but it is installed on tactical carrying cases. System provides secure communication infrastructure that enables obtaining a common picture of the battlefield in near-real time and sharing data among battlefield systems.

Currently, it is needed for portable and wireless data exchange systems that are suitable for use on land in the tactical field. Several command & control functions such as air defense, fire support, maneuver control, intelligence, electronic warfare and logistic support need to be executed simultaneously on the battlefield through rapid and reliable exchange of information. TARAS provides secure exchange of information and data promptly between many sensors, weapons and command centers.

Features

- Full IP based secure communication
- Secure communication services including voice, IP data, video teleconference and file transfer
- Electronic Counter Measures
 - LPI (Low Probability of Intercept) / LPD (Low Probability of Detection)
 - Encrypted communications via TRANSEC (Transmission Security) & COMSEC (Communication Security) approved equipments
- OFDM based, frequency-hopping radio that can support over 200 Mbps Ethernet throughput (100 Mbps full-duplex)
- Long-range connectivity at distances beyond 100 km

Key Features

- Interfaces to the other strategic telecom and data networks, PTT networks, SATCOM and Tactical Combat Net Radios
- Modular infrastructure that can be continuously upgraded according to customer requirements

Main System Components

- Tactical routers
- aRLINK-5220 Tactical IP Radio Link
- VoIP phone
- Tactical voice server
- System management software
- Mast
- Antenna



Specifications are subject to change without any notice. | All tolerances are within $\pm 10\%$.

