



DESCRIPTION

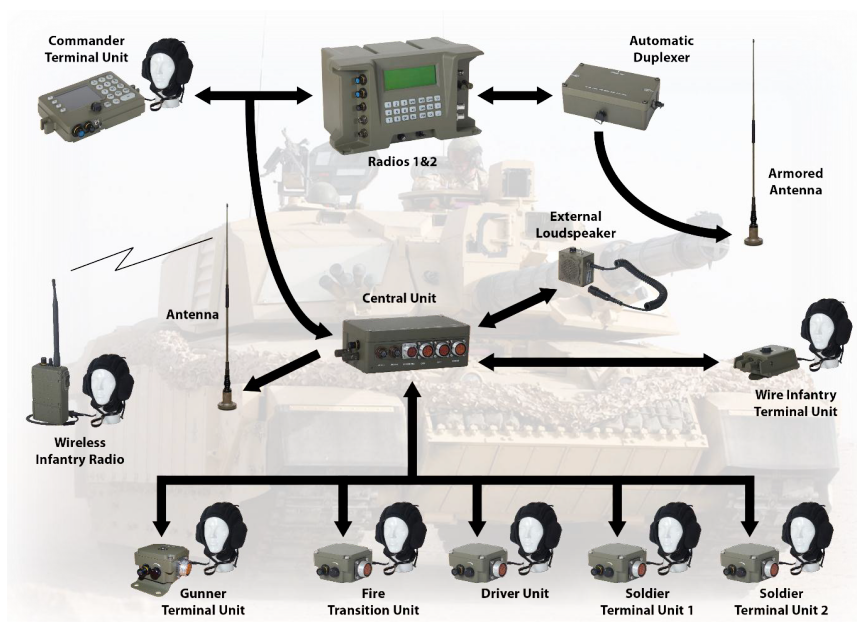
Main communication requirements of armored vehicles are radio/s, intercommunication system, and duplexer. One of the main considerations of the vehicles is arranging these systems as well as their easy operation for commander. All of the mentioned equipment is considered as an integrated system as follows:

- Two radios in one case with proper dimension suitable to install inside every vehicle
 - The abovementioned two radios can be controlled via a remote control unit
 - In addition to the radios, Intercommunication system can be controlled via the remote control unit
- There is no need to the operator for duplexer so that it is set automatically (considering status of the radios)
- Infantry unit can be operated as a wired/wireless unit

Radios are operated in VHF frequency band with capability of ciphering and frequency hopping as well as transmitting/receiving voice and data.

Up to 6 crews can be supported by the intercommunication system. In addition it can announce alarm sensors of the vehicle.

Radios of the system can be operated stationary as well as retransmission station



Capabilities

- Including two VHF-LB radios (in one case), intercommunication central unit, commander remote control panel, gunner terminal unit, 50 crew member terminal units, wireless/wire infantry terminal unit, automatic duplexer, and external loudspeaker I for controlling, setting, and displaying the system communication status and establishing voice communication between the commander and intercommunication central unit
- Connectable to one gunner, one driver, three crews, and one infantry
- Establishing wireless/wire communication with infantry
- Capability of establishing communication with automatic duplexer in case that an antenna is available on the vehicle
- Capability of installing on various types of armored vehicles
- Connectable to an external loudspeaker for propagating received voice from the radios
- Capability of turning ON/OFF the system completely via a key available on the commander remote control panel
- Capability of connecting vehicle's sensors to the system and audio/visual displaying the activated sensors
- Capability of establishing intercommunication between the crews
- All of the crews can gain access to the radio 1 due to the commander authority
- Commander and gunner can gain access to the radios 1 and 2
- Capability of programming all of the system equipment externally
- Capability of filtering various noises created due to the vehicle
- Proper voice quality in all statuses
- Easy troubleshooting
- Easy operation