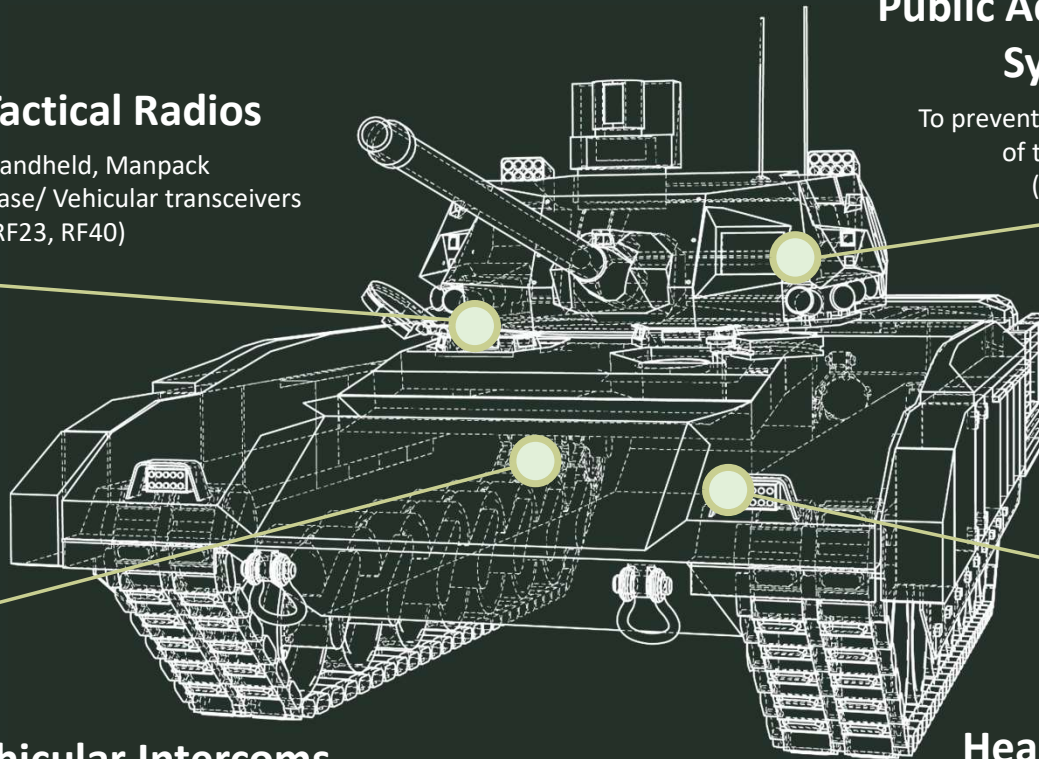


TACTICAL COMMUNICATION SYSTEMS



Tactical Radios

Handheld, Manpack
Base/ Vehicular transceivers
(RF23, RF40)



Public Address Systems

To prevent escalation
of the conflict
(VICM 300)



Vehicular Intercoms

High intelligibility under the noise of the battlefield
(VICM 200 COMBAT, VICM 250 COMPACT)

Headsets

Modular design, ANR, integration
with ballistic helmets
(M10, M20)



Tactical Radios

VHF (25 – 145 MHz)

DICOM®RF20
Radio System

MULTIBAND (30-512 MHz)

DICOM®RF40
Radio System

1.4505
1.4575
1.4485
1.4451
1.4425
1.4365
1.4305
1.4245
1.4185
1.4125
1.4095
1.4029
1.3991
1.3765

1.4185
1.4125
1.4095
1.4029
1.3991
1.3765





DICOM[®] RF40 Handheld/ Manpack Radio

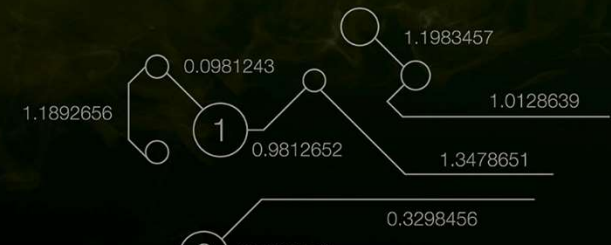
- Fully Software Defined Radio (SDR)
- Frequency range 30-512 MHz (Multiband VHF/UHF)
- Power output: 0.2 - 5W / 10W
- Encrypted Voice and Data communication (AES 256 bits)
- Data capability (up to 270 kbps)
- Built-in GNSS (GPS, GALILEO, BEIDOU, GLONASS)

DICOM® RF4050 Vehicular/ Base Radio

Power output: 50W

By combining the DICOM®VA40 amplifier with the DICOM®RF40 handheld transceiver

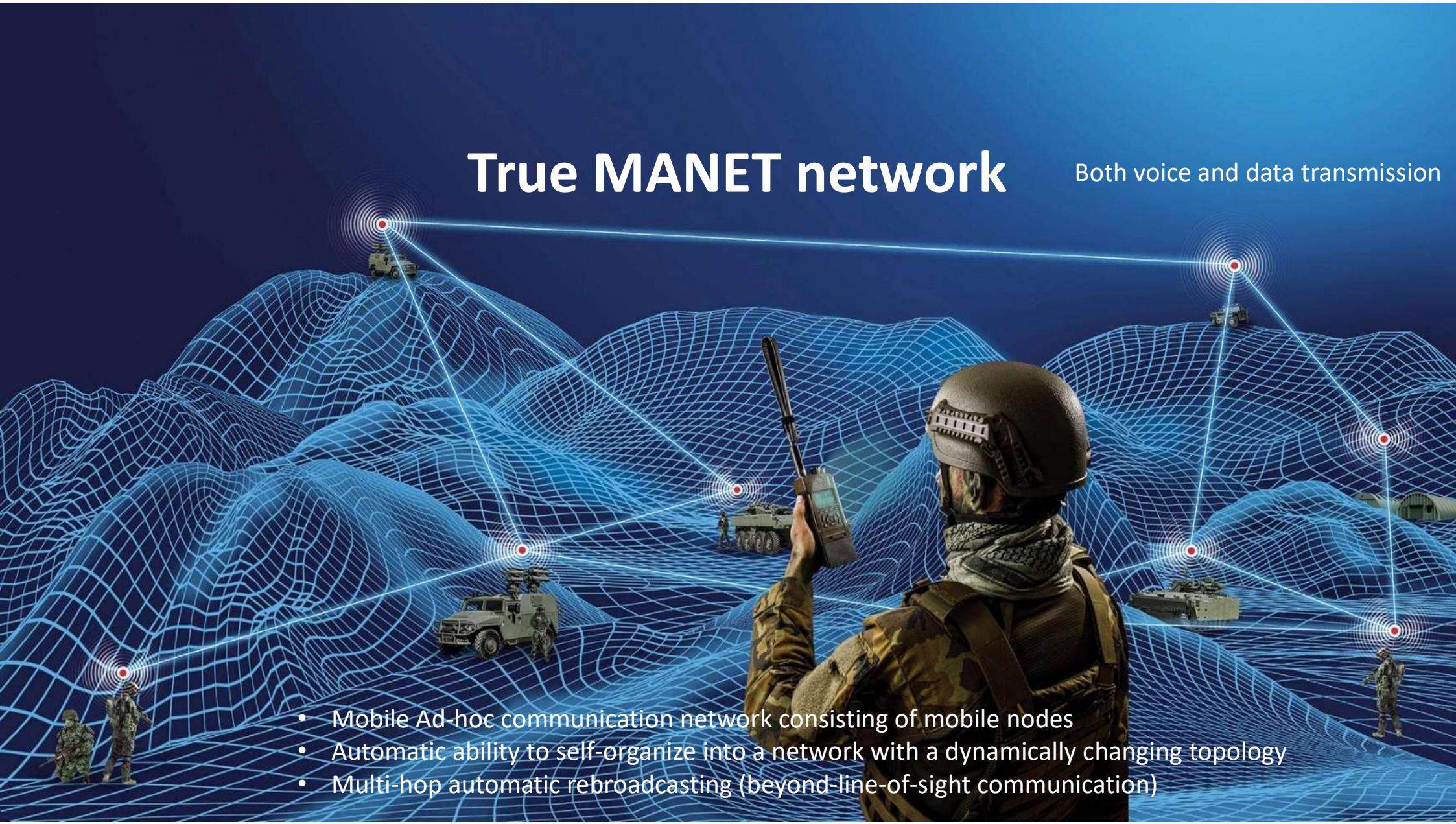
Handheld transceiver is easily removable (Jerk and Run) and can be used, if necessary, as a portable.



True MANET network

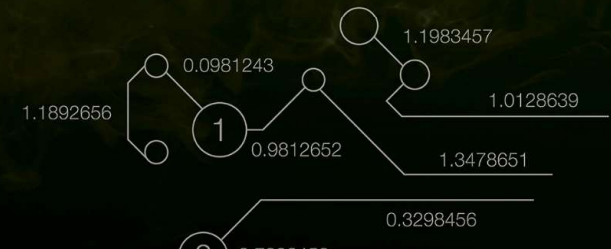
Both voice and data transmission

- Mobile Ad-hoc communication network consisting of mobile nodes
- Automatic ability to self-organize into a network with a dynamically changing topology
- Multi-hop automatic rebroadcasting (beyond-line-of-sight communication)

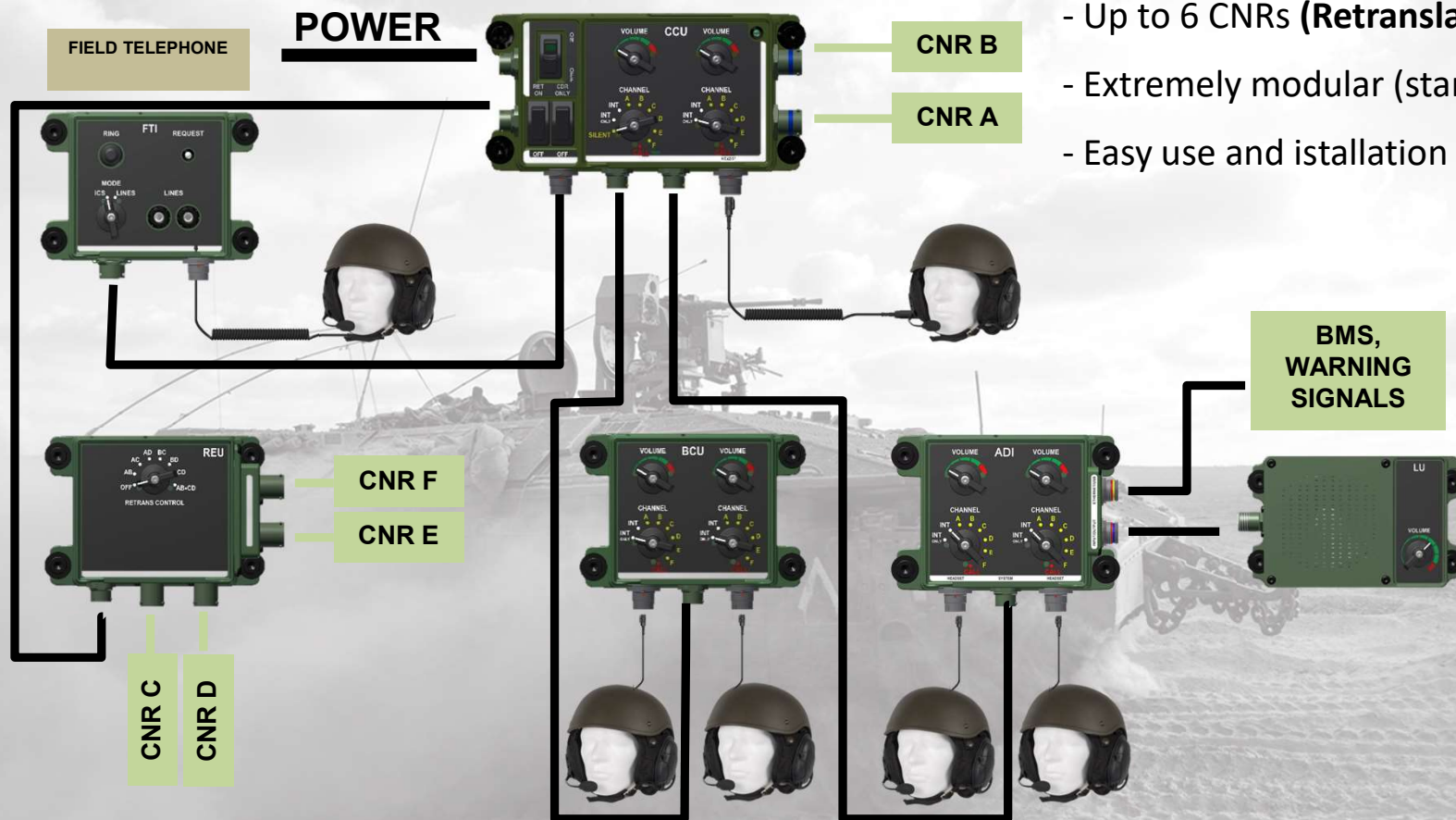


VICM 200 COMBAT INTERCOM SYSTEM

- Clear communication is essential for success in combat missions
- Reliable communication in dangerous conditions with high levels of noise.
- Designed for all tracked or wheeled military and police vehicles
- The core of the system is the Central Communication Unit (CCU).



LARGE SIZE VEHICLES



- Up to 26 crew members
- Up to 6 CNRs (**Retranslation gateway**)
- Extremely modular (star topology)
- Easy use and installation



M10/M10A

CREWMEMBER HEADSETS

PASIVE or ACTIVE NOISE REDUCTION (ANR)

- The latest generation of headsets
- Rugged design meets the highest reliability and intelligibility requirements
- For the crew of tracked and wheeled military vehicles

M10/M10A CREWMEMBER HEADSETS

Helmets

anti-shock or ballistic protection

Colors of the shell and ear cups, camouflage

variety of colors, including helmet textile camouflage

Soft-liners

summer, tropic or winter options

Microphones

flexible boom microphone or throat microphone

Connectors

breakaway

Earphones

clear and reliable communication in a very noisy environment

PTT Switches

on the earpiece or in-line

— **High passive and Active Noise Reduction (ANR)**

— **Ergonomic design & comfortable fit**

— **MIL-STD 461F, MIL-STD 810G**

— The headsets can be equipped with an ANR and various types of connectors, microphones and PPT switches according to the user's specifications and requirements for their connection into the communication system.





M20

PERSONAL HEADSETS

- Designed specifically to integrate with most ballistic helmets.
- Lightweight, easy to wear
- Talk through feature (external microphones)

1.4475
1.4485
1.4451
1.4425
1.4365
1.4305
1.4245
1.4185
1.4125
1.4095
1.4029
1.3991
1.3765

1.1983457

VICM 300 BATTLEFIELD ANNOUNCEMENT SYSTEM



0.3298456

HOW DOES IT WORK?

Voice messages
and general
acoustic signals

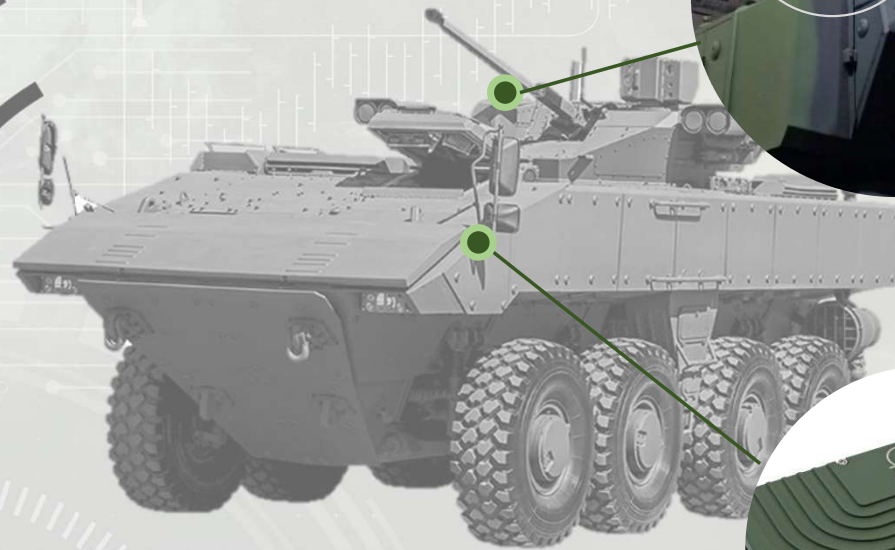


400 m

The operators in the vehicle can give warning messages
to people outside the vehicle.

Loudhailer(s)

Installed typically on the
turret or weapon station



Main Control Module

Installed inside the vehicle



SAIS SIMPLE AUDIO INTEGRATED SYSTEM

The system ensures the separation of classified and unclassified communication signals.

