CREOMAGIC

NEXT GENERATION OF **INTELLIGENT MOBILE AD-HOC NETWORKS** FOR "LAST-MILE" AND TACTICAL EDGES

DRONE   **ROBOT**   **VEHICLE**   **PERSON**   **ENCRYPTION**   **NETWORK**

The CreoHub is an advanced, scalable and affordable intelligent Mobile AD-Hoc Networking Software Define Radio (SDR). Built to create robust, self-healing and self-forming reliable tactical networks anywhere, which makes the CreoHub ideal for use by Deployed forces, Quick response teams, Search & Rescue, Disaster management and last-mile edge networks without the need to rely on any infrastructure.

The CreoHub enables the transmission and sharing of real-time video, voice, text message and location of the private network members – giving Common Operating Picture (COP) and total team awareness for mission critical applications.
The CreoHub system includes mobile Radio and wearable camera, headset and interface to Android propriety CreoApp operates on tablet or smartphones, enables the user to utilize
all CreoHub features with intuitive and user friendly MMI.

The CreoHub communication is secured by the latest end-end encryption level, provides a reliable and protected peer-peer, Wideband wireless collaboration platform.
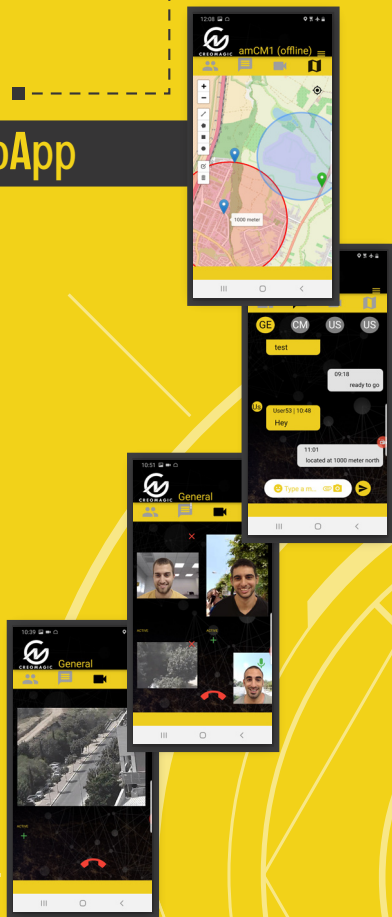
APPLICATIONS

CreoApp

TABLET with **CreoApp**

HEADSET

WEARABLE CAMERA

CreoApp

- MAP & LOCATIONS
- TEXT
- MULTI-USERS VIDEO CALL
- VIDEO STREAM FROM EXTERNAL DEVICE

CONFIGURATIONS

- BASIC PORTABLE
- LIGHT WEIGHT
- VEHICLE
- MARITIME

NETWORK:

- MANET
- NO MASTER
- SEAMLESS LAYER 2 CONNECTIVITY
- GATEWAY TO ANY EXTERNAL NETWORK

ENCRYPTION:

- COGNITIVE RADIO
- AES 128/256
- AUTHENTICATION
- FREQUENCY HOPPING

FREQUENCY AND DATA RATE:

- UHF
- S-BAND
- C-BAND
- UP TO 40 Mbps

POWER AND INTERFACE:

- RECHARGEABLE BATTERY UP 12 HRS
- WEIGHT LESS THAN 850 GR
- IP65
- -20°C TO 50°C

Note

If frequency band, features or other information not listed, please contact