

# MIMS RANGER

Mission System



Unmatched Situational Awareness

Ensuring Mission Effectiveness in Cross-Domain Battlefields

**MIMS RANGER** is a tactical solution for Special Operations and Dismounted Soldiers, providing Cross-Domain Situational Awareness to achieve battlefield dominance.

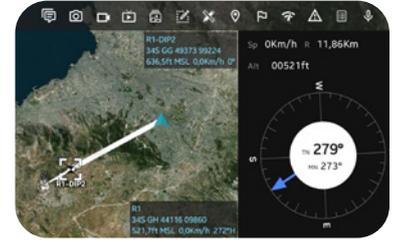
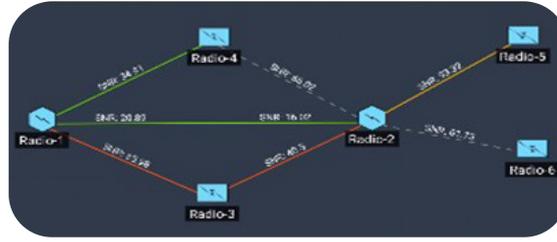
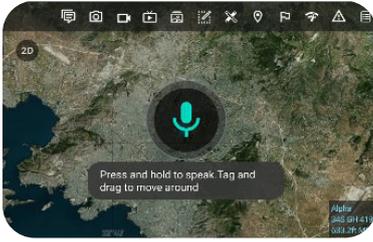
Fosters mission success by employing robust, heterogeneous, serverless, and self-managing communications, to maintain mission unity among cooperating members from different echelons.

Enables Digitally Aided Close Air Support, (DACAS) Operations.

Integrates with crucial sensors to the dismounted soldier (Augmented Reality Devices, Helmet Cameras, UAVs, EO/IR, PLRFs, Inertial Sensors).

Supports Joint Operations through interoperability with SCYTALYS's Command and Control and Data Link applications (MIMS Armor, MIMS C2, MIMS Naval, ULS).





### KEY FEATURES

- Tactical Mission Planning & Management
- Tactical Aids (Viewshed, Tracks, Objects, Geofencing)
- Instant Messaging, 9-Line Reports, Alerts
- Live Video Feeds
- UAV Integration
- Inertial Navigation
- Integration with MANET Radios & Legacy Voice Radios
- Radio Link Quality Visualization
- Voice Capability through virtual PTT
- HALO/HAHO Military Freefall Jump Calculation & Navigation
- Maritime Interdiction Operations, (MIO) plug-in IAW NATO ATP-71
- Native Tactical Data Link connectivity
- Serverless operational application in-house developed
- Customer tailored integration, co-development and ongoing support

### OPERATIONAL BENEFITS

- Plan & share the Mission, execute later
- Visualize the Line of Sight for effective Mission Planning, elevate SA capabilities
- Initiate a Close Air Support, (CAS) mission directly with an aircraft
- Exchange texts, media, files. Notify and Report IAW NATO STANAGs
- View simultaneous video feeds, from various sensors
- Receive and view STANAG 4609/MAVLINK data
- Operate in GPS-denied areas and keep track of others in austere environments
- Exchange data (BFTs, Tracks, FTMs) among radios in different networks
- Visualize real-time radio data across the network, to effectively plan and execute missions
- Native voice communication without the use of a radio, expanding the operational capabilities of the system
- Choose the Landing Point, insert the weather data and let the system guide you safely through the clouds
- Seamless Connection and Cross-Domain Ops interoperable with NATO's TDLs or custom-made / country-specific ones
- Execute MIO with the most effective combining procedures

### AUGMENTED REALITY

AR Goggles  
Head Up Display  
Platforms

### COMMUNICATION

Tactical Radios  
MANET Network  
Legacy Voice  
4G/5G  
Voice with PTT

### SITUATIONAL AWARENESS

BFTs  
Tracks  
Instant Messaging  
Live Video Feed

### UNMANNED SYSTEMS

STANAG 4609 Metadata  
MAVLINK Telemetry

### ULS

Universal Link System  
Multi-TDL  
Connectivity

### SENSORS

PLRFs  
Inertial

**MIMS**  
**RANGER**  
.....  
**Operational**  
**Capabilities**

