

BATTLECOMS.

BATTLESPACE COLLABORATION & OPERATIONS MANAGEMENT SYSTEM



BATTLEPHONE
BATTLETABLET



TACTICAL PROBLEMS. SOLVED.

The BATTLECOMS is a tactical C4ISTAR module for real-time joint and combined operations situational awareness [SA] and battle management consisting of rugged phones or tablets and mission-essential apps with multiple communication modes for seamless connectivity from remote areas to command operation centers.

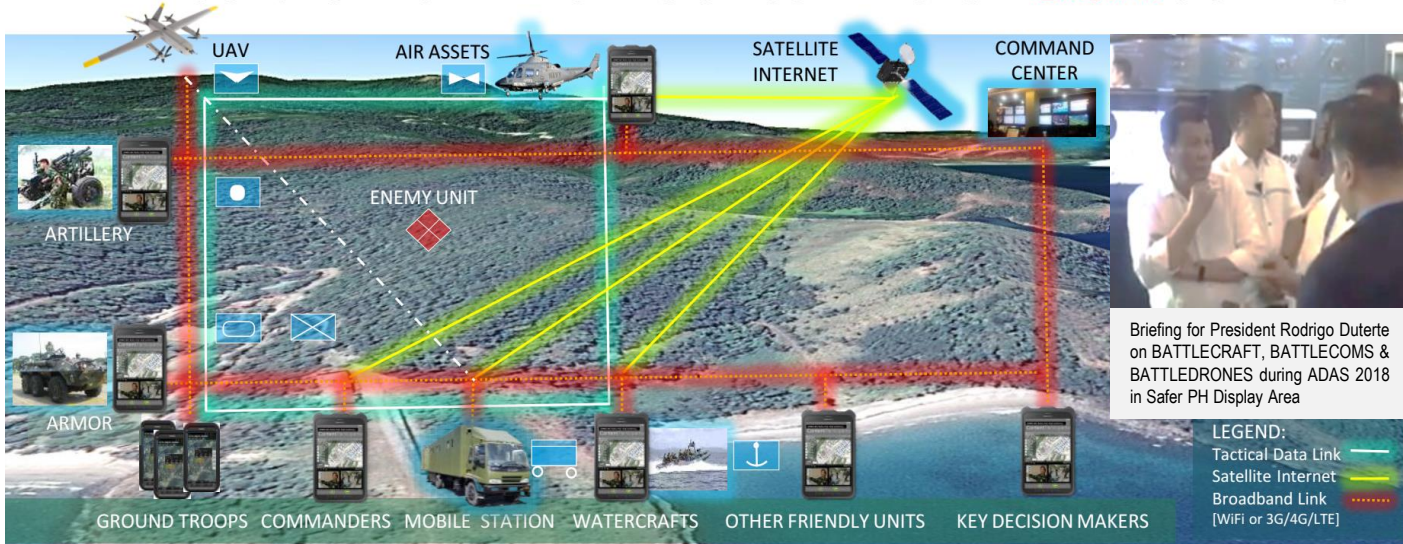
The Android Tactical Awareness Kit [ATAK] is the standard Advanced Battle Management System app of the US Armed Forces Department of Homeland Security and other allied countries.

OPERATIONAL CHALLENGES	BATTLECOMS SOLUTIONS
• Unsynchronized maneuver	Maneuver dominance with real-time Blue Force Tracking [BFT] displayed on the digital map.
• Inaccurate fire support targeting and fratricide	Precision artillery and Close Air Support [CAS] targeting through Common Operational Picture [COP] sharing.
• Loss of communication and limited range of tactical radios	Anytime, anywhere seamless multi-communication with unlimited 3G/LTE/Internet, off-grid mesh network radios and SATCOM on demand for voice, data and video transmission
• Unfamiliarity of terrain and old printed tactical maps	Navigate in high-resolution digital 3D image maps, tactical maps and updated custom maps with operations overlays.
• Very limited information about the enemy	Updated Intelligence Preparation of the Battlefield [IPB], Order of Battle, Link Analysis Matrix, Rogues Gallery...
• Heavy radios and limited battery life	Lightweight portable phones or tablets with extended power supply using solar power bank or hand crank chargers.
• Expensive cost and very slow acquisition of equipment	Rapid operational deployment through monthly leasing of BATTLEPHONES & BATTLEPADS with unlimited internet, calls & SMS.



A Self-Reliant Defense Posture [SRDP] Initiative of Safer PH Innovations, Inc. to help our troops win battles and save lives...

THE BATTLECOMS AS AN OPEN ARCHITECTURE JOINT TACTICAL C4ISTAR SYSTEM NODE



BATTLECOMS TACTICAL C4ISTAR APPS SUITE

C4: Command & Control. Computer. Communications.



- Web Videoconferencing
- Online collaboration/training
- Real-time video streaming
- Battle casualty telemedicine

- Mission planning & monitoring
- Real-time BFT & COP sharing
- Maneuver control capability
- Inter-unit task management

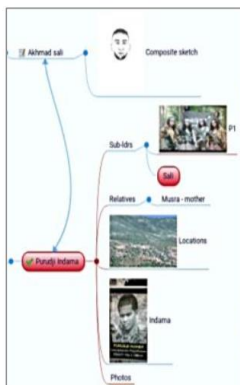
- TacChat, reports, templates
- OPORD, SITREP, MEDEVAC
- Field manuals, admin files...
- Google Apps for Work



- GSM/3G/Sat Voice & Data
- Harris radio voice integration
- Off-Grid messaging (no GSM)
- Low-cost SATCOM internet

- Convert to desktop PC with Bluetooth keyboard & mouse
- Cast screen to TV or projector with Google Chromecast

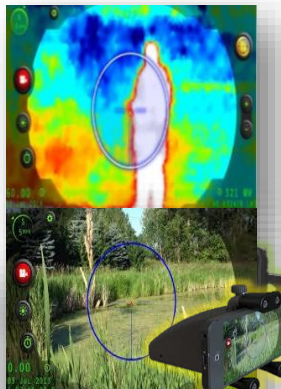
ISTAR: Intelligence. Surveillance. Target Acquisition. Reconnaissance.



- Enemy link analysis & matrix
- IPB, GESCON, GEOINT
- Order of Battle, Enemy gallery
- Composite sketch app



- Ground view 360° mapping
- 30x optical, 60x digital zoom
- Unattended sensor viewer
- Hi-resolution 3D image maps



- Use as day/night rifle scope
- Switch to thermal imager
- Shoot around the corner
- Find the enemy at night



- Sniper calculator app
- View acoustic sensor target
- Laser rangefinder connection for artillery forward observation



- Ground control terminal for small tactical drones
- Viewer for airborne video feed from UAV or air asset EO-IR