

DOOB-MOBILE

Dismounted Soldier C2 System

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Command, Control, Computers, Communications, Intelligence, Surveillance and Reconnaissance (C4ISR) Systems facilitate coordinated planning and management of military operations while creating an operational picture for all command levels. Effective C4ISR Systems that ensure situational awareness and quick information sharing on the modern battlefield is essential. HAVELSAN DOOB (Defense Out Of a Box) C4ISR Product Family includes DOOB-Headquarters (DOOB-HQ), DOOB-Tactical Battle Management System (DOOB-T BMS) and DOOB-Mobile (DOOB-M) to enhance military decision-making efficiency and improve situational awareness.

DOOB-Mobile is a secure Android application for dismounted soldiers. Primary function of DOOB-Mobile is providing tactical situational awareness in the complex environment of modern warfare, supplying a command and control tool for small tactical units and dismounted soldiers.

DOOB-Mobile software enables C2 functions mainly by; allowing users text, audio and video messaging with other users or user groups in a secure medium, presenting tailored Geographical Information Systems capabilities for planning and analysis, providing commanders, staff members and individual soldier with situational awareness when needed by exchanging data via available communication means within NATO Joint Dismounted Soldier Standard.

PRODUCT FEATURES

- ▶ A Secure Application for Mobile Devices
- ▶ Hardware independent
- ▶ Multiple Language Support (English, Arabic)
- ▶ Works/chooses with/over GSM/LTE, SATCOM, Mesh radios, Wi-Fi
- ▶ Situational Awareness down to individual soldier level
- ▶ Blue Force Tracking over JDSS
- ▶ End-to-end encryption
- ▶ Audio & Text messaging
- ▶ Voice & Video Calls
- ▶ Push to Talk (PTT)
- ▶ Data/media sharing
- ▶ TaskOrg Management
- ▶ Automatic Working Mode Selection Based on Available Bandwidth
- ▶ Integration with C4I Systems
- ▶ Military Symbology Support- APP-6 (A) & APP-6 (D)
- ▶ Helmet/body camera, earphone, health sensor integration
- ▶ Alarm and warning messages
- ▶ Remote Mobile Device Management
- ▶ Emergency disposal/erase data
- ▶ GIS Capabilities:
 - Overlay creation/sharing
 - MGRS, DMS, DD-LAT/LON, UTM formats
 - Digital compass/map scale
 - Map downloading options
 - Military/Open source/Offline map usage
 - 3D support
 - Supports/converts meter, kilometres, mile, yards
 - Free drawing
 - GIS analysis (LoS, viewshed, profile, other customized analysis options)
 - Route analysis, planning, navigation

