

ICZ DELINFOS® NVGS

Night Vision Goggles Sensors Application as a part of Dismounted Soldier System

EFFECTIVE DATA PREPARATION, PROCESSING, SHARING AND DISTRIBUTION WITHIN THE TACTICAL UNITS AND PLATFORMS.

The integration of sensors and devices to Dismounted Soldier System is necessary requirement of nowadays soldiers. DELINFO works together with worldwide companies on this integration.

[OPERATIONAL DESCRIPTION]

The application D-NVGS was developed in cooperation with STEINER Defence and tailored to its product AN/PVS-21 Low Profile NVG. This application is dedicated for BADIAN as the part of ICZ DELINFOS®.

[OPERATIONAL CAPABILITIES]

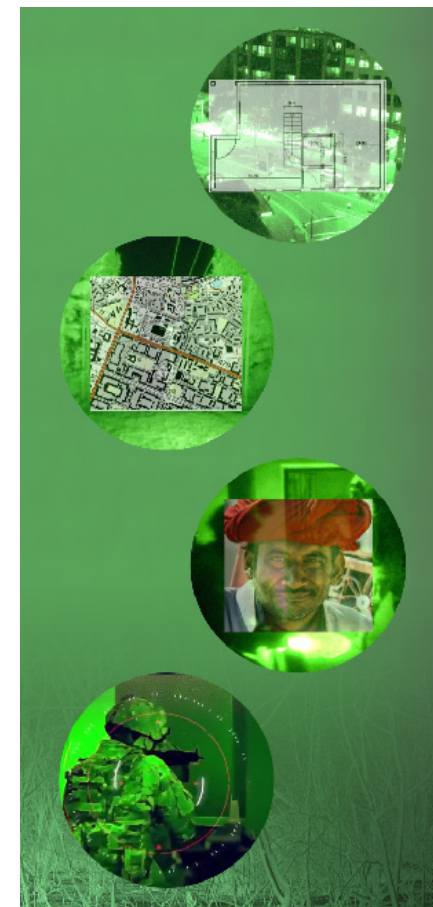
The AN/PVS-21 Low Profile Night Vision Goggle has been designed for aggressive special operations capability in air, water, and land environments. NVGS, as a part of BADIAN extends capability of AN/PVS-21 to device, which can support soldier in the battlefield with information as tactical layer, floor layout, photos, live view etc. The type of information can be chosen by Remote Control Unit – Smart Watch.

[BENEFITS - REMOTE CONTROL UNIT]

RCU is represented by Smart Watch. It provides basic functionality of BADIAN to be displayed at the Smart Watch and it allows to control NVG and BADIAN as well.

FEATURES

- ▶ Smartphone/Android OS
- ▶ Exchange of text and position messages
- ▶ C4ISTAR integration
- ▶ Send pre-defined signals and receive/send a tactical overlay
- ▶ Radio Communication
- ▶ Map Orientation
- ▶ Blue Force Tracking
- ▶ Tactical Situation, Targets, Fire range
- ▶ Remote Control Unit
- ▶ STANAG 4677 – JDSS DM
- ▶ Wearable Sensor integration
- ▶ Connectivity to the vehicle



SAM

Situational Awareness Monitor as a tool of Dismounted Soldier System.

EFFECTIVE DATA PREPARATION, PROCESSING, SHARING AND DISTRIBUTION WITHIN THE TACTICAL UNITS AND DISMOUNTED SOLDIER.

The subsystem of ICZ DELINFOS® - BADIAN is focused on simple and user friendly application for dismounted soldier. It covers basic tactical activities of dismounted soldier as well as simple interface to other sensors and devices operated during mission.

[OPERATIONAL DESCRIPTION]

SAM as the remote control unit is a part of BADIAN Situational Awareness System and Battle Management System. It allows to simplify activity of dismounted soldier, make it more effective and save time during combat phase.

[OPERATIONAL CAPABILITIES]

SAM is interoperable within BADIAN and SAMET. Due to implementation to this application it fully supports the integration of target acquisition unit or other sensors. SAM provides basic information of friend and enemy unit position, tactical overlays, communication means, integration of wearable sensors.



FEATURES

- ▶ HW platform: Smartwatch
- ▶ OS Android
- ▶ BT communication
- ▶ Map Orientation
- ▶ ISR integration platform
- ▶ Blue Force Tracking
- ▶ Signals, Messages
- ▶ Tactical Situation, Targets
- ▶ Remote Control Unit
- ▶ Wearable Sensor Integration

COMMERCIAL CONTACT

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