

AUTOMATED COMMAND SYSTEM BASED ON HMV IRYS 2000 FAMILY

Automated Command System based on HMV IRYS2000 (ACS HMV) family is functional, automated command and communication system, carries out information acquisition, formal and informal communication for data exchange between elements of tactical unit. ACS HMV is produced in four versions: on armoured trucked vehicle MTLB, MTLB-U, MCV and wheeled HMV (Honker).



ACS HMV-3 Honker

Features ACS HMV Irys 2000:

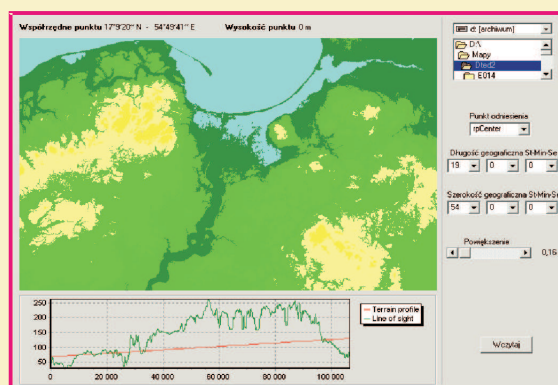
- **Tactical Communication System STORCZYK** - enables access ACS HMV to TCS and to the secondary packet network based on WP-40
- **Radio communication media UHF (PR4G) and HF** - enables information relations in radio command nets, cooperative and logistic
- **Communicational Server (CS)** - controls and manages all of the ACS communication media in automatic way. CS includes software router which performs automatic packets routing between all media. CS is automated workplace for ACS HMV communication staff and also enables communication with ICS.
- **Radio Connection Block UHF** - performs services of the Single Channel Radio Access Subsystem (SCRAS). RCB UHF delivers phone services to TCS subscribers in mobile environment. RCB (ACS HMV in the move or stoped) carries out data exchange between elements of communication system.
- **Cable regenerator 128x2** - carries out two long distance connections to TCS STORCZYK and connect by group interface to KD/2 in ISDN mode.
- **Fiber Optic set KO-2** - group interface.
- **MK16** - performs basic connection mode CS to TCS and secondary packet network based on WP-40 and to communicate with ICS subscribers.

Automated Workplace software (AW) is dedicated software to ACS HMV. AW fulfilling NATO standards: CADRG, VPF, DTED, Stanag 5500, APP-9, APP-6, APP-6A, Stanag 2014, ACP 128.

AW possesses interfaces for connections to other dedicated systems and subsystems of available communicational infrastructure.

Apart from command processes support, AW ACS HMV supports current army units command and control in mobile conditions.

Information exchange applies to both documentation exchange and current battlefiled situation monitoring, alerting and notification, using graphic interface.



GUI AW example application view



ACS HMV-3 from the inside

Design

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