CZECH DEFENCE SOLUTIONS
BORDER & CRITICAL INFRASTRUCTURE SECURITY

ICT BORDER SECURITY

DelINFO MEMBER OF ICZ GROUP

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www.delinfo.cz

DOLPHIN / Decision Making Support at the Staff level

EFFECTIVE DATA PREPARATION, PROCESSING, SHARING AND DISTRIBUTION WITHIN THE COMMAND POSTS OR AMONG THEM.

Operational description

DOLPHIN is a Tool for Decision Making Support which helps all branches in Land Forces to plan, control and command their operations as border security.

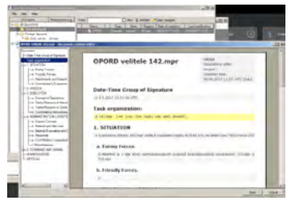
Operational capabilities

DOLPHIN is the system which fully interoperable in both directions – vertical and horizontal – in chain of Data are shared in one interoperable database.

It can be also characterized as the system, which helps staff to keep overview of running missions through particular recognised pictures and also to continue in planning future operations and missions.

Benefits – Applications

DOLPHIN consists of several applications, which help staff to plan operation as well as control it. Typical examples are NBC visualisation, Optical and Radio visibility, 3D-display arena, Power ratio calculation, Operation Journal,overview of Battlefield Objects etc.



Features:

- Tools for Decision Making Support
- Artillery, CBRN, Intelligence, Engineering, CIS, Medical and other applications
- Information Exchange/Sharing
- C4ISTAR capability support
- MDMP
- Interoperability Solutions via MIP 3.1, NVG, NFFI, ADEM, JREAP, ADatP-3
- Alert management
- Chat, Mesaging
- Situational Awareness
- Fielded and tested within the Czech and Slovak Army

KOMCENTRA

KOMCENTRA
www.komcentra.cz

TRANSPORTABLE OPERATIONS CENTER

- mobile solution for command and dispatch post
- a complete technological back-end for command and communication
- unified touch control of all communication means
- radio, telephone and satellite communication all-in-one
- comfortable dispatch workplace for field conditions

The transportable operations center is a set of technical and software equipment in a separate ruggedised cases. It consists of an autonomous server part and several separate operator workplaces. Everything is built into ruggedised transport cases (MIL-STD-810). The technologies are designed to be put into operation as fast and easily as possible. Servers and communication means with antenna systems are included. The Communication Integration IS giving unified control of all available means of communication is included as a part of the solution.

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In our turbulent times, border security is again paramount and Czech companies are ready. They offer cutting-edge technologies, all proven in military operations and missions, that will enhance your surveillance, improve your data analysis, and ensure you a swift communication.

*Solutions of **TOVEK**, **OPTOKON**, **AURA**, **DELFINO** and **KOMCENTRA** will bolster your border security with advanced technologies and coordinated response mechanisms.*

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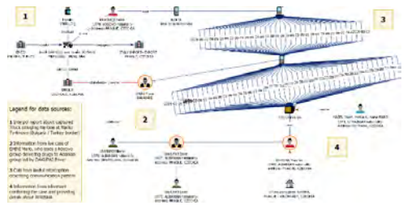
TOVEK

www.tovek.com

PNR data analysis

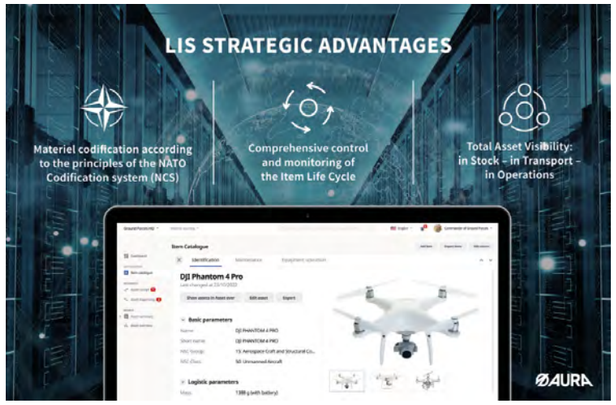
- advanced risk assessment
- identify potential threats
- collaborate and share search results
- detect suspicious patterns, track and monitor subjects
- unique analytics platform

TOVEK enables to leverage PNR data to support border protection by conducting advanced risk assessments and identifying potential threats before they reach the border. For example, analysis of PNR data allows authorities to detect suspicious patterns, to track and monitor individuals who might be associated with known or suspected terrorist organizations. By cross-referencing PNR data with intelligence databases, law enforcement agencies can identify high-risk passengers and take necessary precautions to prevent any potential threats. PNR data can be used to combat human trafficking, drug smuggling, and other forms of organized crime. Moreover, Tovek Hybrid Data Fusion technology enables to safeguard the use of PNR data in compliance with legal and privacy regulations.



AURA

www.aura.cz/en



The Logistic Information System (LIS) is a modular, secure and comprehensive system providing extensive functionality for the logistics of all types of armed forces, such as ground forces, air forces, special forces, border protection forces and emergency management authorities.

LIS is applied both in strategic security planning processes and in the training and day-to-day operations of the armed forces. Its primary goal is to maximize the readiness of the armed forces and support the proper functioning of logistics. To achieve that, it provides high quality information, which helps to maintain control over assets and logistics processes.

LIS covers all areas of the armed forces logistics:

- Assets
- Equipment operation and maintenance
- Personnel and organization
- Logistic services

LIS is based on the principles and standards of military logistics and meets a number of NATO standards.

OPTOKON

www.optokon.com

OPTOKON company is a leading world manufacturer and supplier of both active and passive products for fiber optics. The company specializes in the construction and measurement of optical data networks and the supply of robust components for tactical military networks. OPTOKON company supplies to arm forces in more than 20 countries ruggedized components of highest quality using unique technology "Expanded Beam".

Among ruggedized components include:

- optical connectors with Expanded Beam technology and ferrule MIL-DTL-83526.
- hybrid fiber optic and copper connectors
- tactical fiber optic cables
- durable LMC media converters
- rugged LMSW field switches
- IMCP - a series of light mobile rugged computer platforms
- LMIPT - ruggedized IP and analog phones
- Cable reels for different cable lengths

These devices are used for mobile command installations, field LANs, remote observer stations, emergencies, and expeditionary military headquarters. They meet the requirements of STANAG 4290 and military standards for harsh conditions.

To protect the perimeter, borders, military, and other areas, OPTOKON offers the FOTAS system, which uses optical fiber as an acoustic sensor. With its extraordinary accuracy in detecting and analyzing acoustic signals by artificial intelligence, it enables real-time tracking of potential threats.

With one device, the FOTAS system enables perimeter protection up to 100 km. No infrastructure or electricity is needed along the entire perimeter. All you need is a buried fiber optic cable that doesn't require any maintenance. Thanks to the rapid development of artificial intelligence, FOTAS is also an ideal choice for the future, as its detection capabilities will continue to improve with each software update.