[COMMAND & CONTROL SYSTEMS]

DelINFO

MEMBER OF **ICZ GROUP**

WHERE WE ARE

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To help the military commanders and staff, as well, to organize information and overrun the enemy in the area of intelligence and information. The primary goal is to collect, process, visualize and distribute the tactical information on all the command and control levels.

DELINFO offering brings a full line of products and services in the area of research, development and implementation of specialized information and geographical information systems to ICZ's already extensive portfolio.

THE COMMAND AND CONTROL SYSTEMS

[DELINFO COMPANY]

DELINFO has been in the information technology business since 1993, and a member of the ICZ Group, one of the leading integrated software and network solution providers in Central Europe, since 2008. ◄

[PARTNERSHIPS & CERTIFICATIONS]

DELINFO is ISO 9001 certified and authorized by the National Security Authority (NBU) to handle sensitive information up to the level of "SECRET."
DELINFO often employs the use of large project teams consisting of a goal-driven consortium of suppliers to carry out its work. ◄

[SOME OF DELINFO'S KEY PARTNERS INCLUDE]

- The Military Technical Institute of Aviation and Air Defence (VTÚLaPVO)
- The Military Research Institute (VVÚ)
- The Military Technical Institute of Armament and Ammunition (VTÚVM)
- The University of Defence Brno
- JISR Institute, a.s.
- OPTOKON a.s.
- VR Group, a.s.
- BAE Systems Hägglunds
- ESG Elektroniksystem und Logistik
- Saudi Arabian Military Industries

Since its beginning, the DELINFO company has been focusing on the provision of complex services in the area of open-system IS construction.

The basic principle underlying all of the system integration activities, is total independence from any specific IT products. Instead, the designers are committed to providing maximum support via large-scale projects that focus on and facilitate user needs, quality architecture, application adaptability and transparent growth.

In the area of information systems, DELINFO offers a diversity of experience acquired from working with and deploying the widest range of modern project and software technologies as well as from close cooperation with some of the world's leading companies.

The DELINFO team has a collective know-how required to design information systems that employ the latest globally recognized methodologies and their expertise in the management of information system development and strategic IT planning is second to none. DELINFO uses verified IT design methods and offers specialized expertise in the design of data security and protection solutions for information systems.

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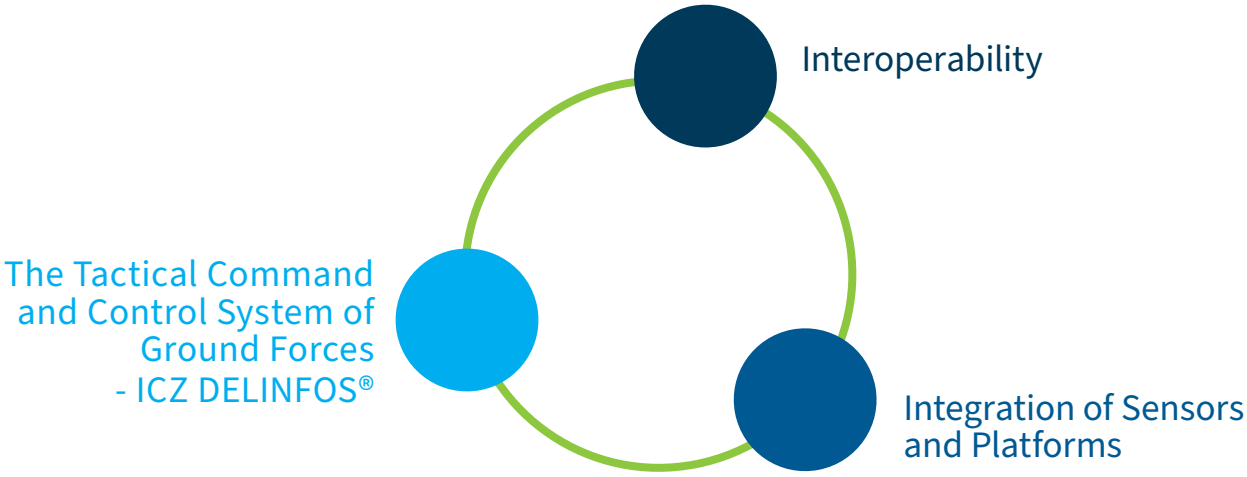
SERVICES AND SOLUTIONS

OUR CORE AREAS OF ACTIVITY INCLUDE:



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ICZ DELINFOS

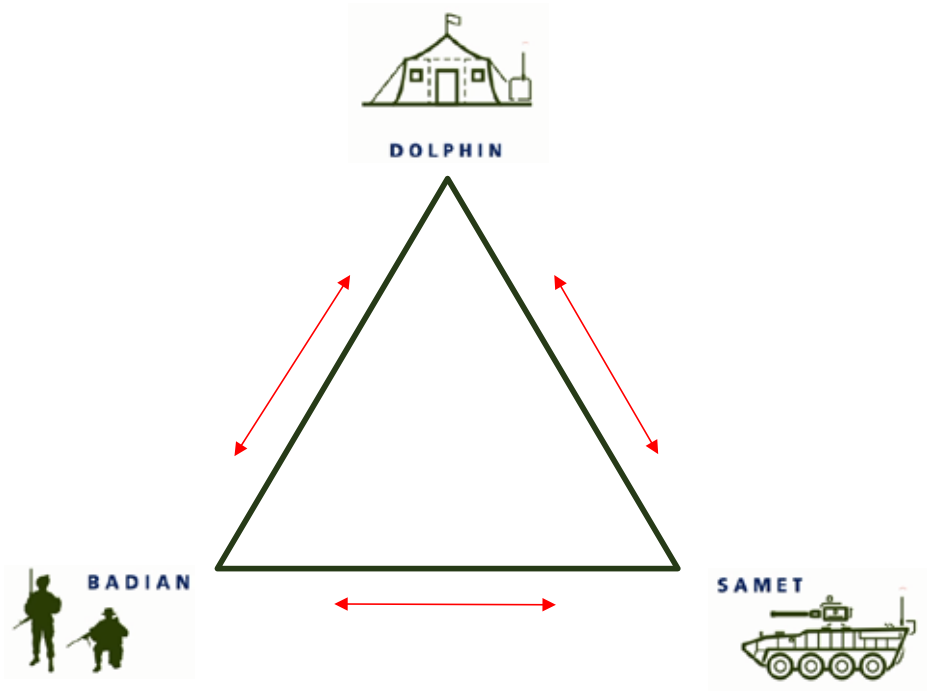
BADIAN

SAMET

DOLPHIN

C4ISTAR

ONE SYSTEM SEAMLESS SOLUTION



ICZ DELINFOS®
One system, seamless solution.

GROUND FORCES TACTICAL COMMAND AND CONTROL SYSTEM ICZ DELINFOS®

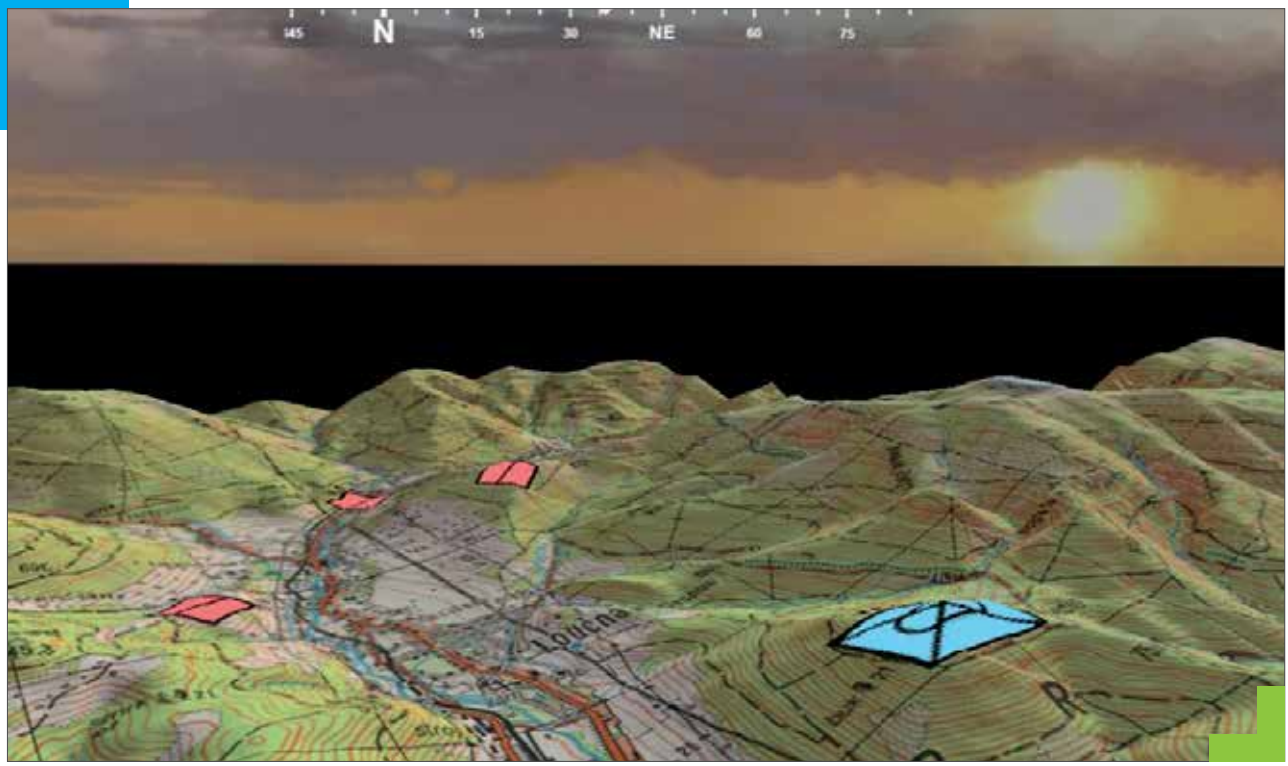
The primary integrative information system for the support of field-condition activities. It contains:

- **DOLPHIN** Staff Command and Control Information System
- **SAMET** Situational Awareness and Message Terminal as a part of the Battle Management System
- **BADIAN** Battle Digital Assistant as a part of the Battle Management System

ICZ DELINFOS®

has been developed with respect to the specifications of **Multilateral Interoperability Programme (MIP)** baseline 3.1 and 4 as a tool for C4ISR in the Area of Operation.

ICZ DELINFOS® supports C4ISTAR concept.



The Tactical Command and Control System of Ground Forces - DOLPHIN

[STAFF COMMAND AND CONTROL INFORMATION SYSTEM - DOLPHIN]

The subsystem of ICZ DELINFOS® is dedicated to support command and control on the workstations within the LAN on the command posts of the task force. Dolphin contains modules and applications enabling effective data preparation, processing, sharing and distribution within the command post 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. DOLPHIN is developed according to Military Decision Making Process (MDMP).

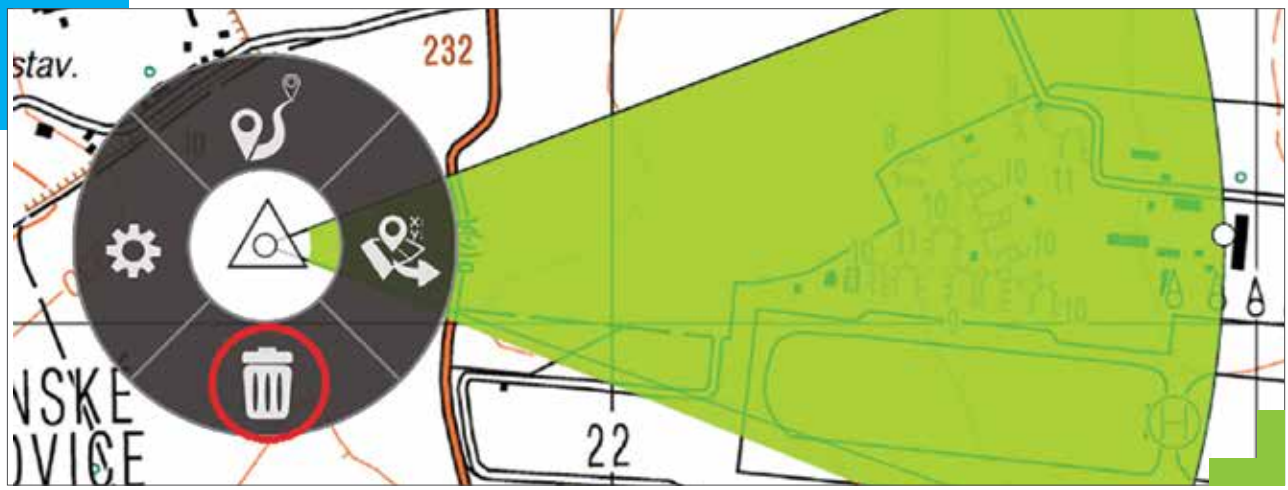
OPERATIONAL CAPABILITIES

DOLPHIN is the system fully interoperable in both directions – vertical and horizontal – in chain of command. Data are shared in one interoperable database, which is based on JC3IEDM (STANAG 5525). This database can be extended according to national specification as well.

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.

FEATURES

- Command and control automated tools for commander and staff of the ground task forces.
- Vertical and horizontal information exchange.
- Pursuable as well as stand-alone PC by a user out of command post.
- Interoperable interface by use of NATO coalition standards.



The Battle Management System - SAMET

[SITUATIONAL AWARENESS AND MESSAGE TERMINAL - SAMET]

The key advantage of this module is maximal automation of the Situational Awareness generation, simplified operation, which allows information exchange without delay by means of the touch screen.

OPERATIONAL DESCRIPTION

SAMET as a part of Battle Management System is the basic tool for exchange of information among platforms and superior unit. The core capability of SAMET is force tracking information, predefined messages and signals.

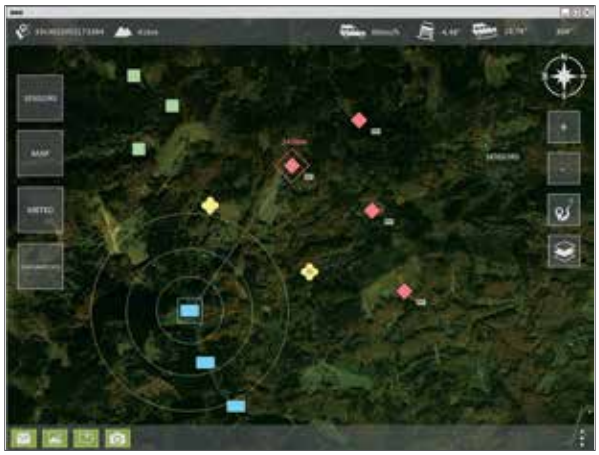
OPERATIONAL CAPABILITIES

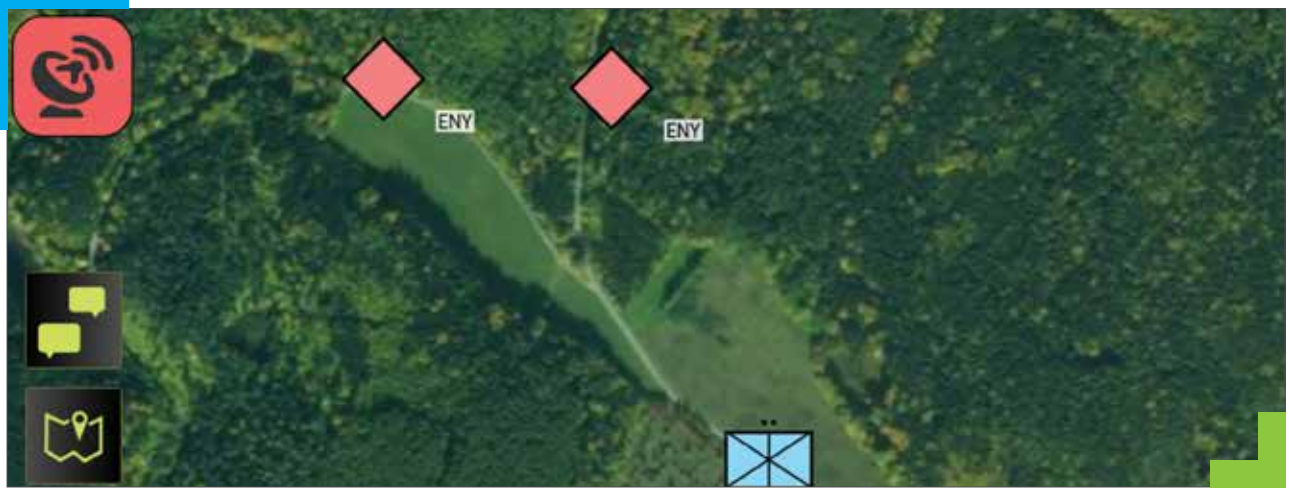
SAMET is fully interoperable within ICZ DELINFOS® and fully supports platforms and individual soldiers.

Another feature is integration of Artillery, Reconnaissance, Medical or CBRN sensors as a part of ISR processes. VETRONICS can be also implemented to display vehicle, weapon or sensor diagnostic information.

FEATURES

- Exchange of text and position messages, pre-defined signals and tactical overlay.
- Vehicle diagnostic information display.
- Sensor integration platform.
- Integration of **AR** / Augmented Reality.





Dismounted Soldier System - BADIAN

[BATTLE DIGITAL ASSISTANT - BADIAN]

It has been dedicated to support basic command and control functions of the users, who use a stand-alone workstation as a part of their individual equipment. BADIAN's applications can be operated on a commercial or ruggedized tablet/ Smartphone.

OPERATIONAL DESCRIPTION

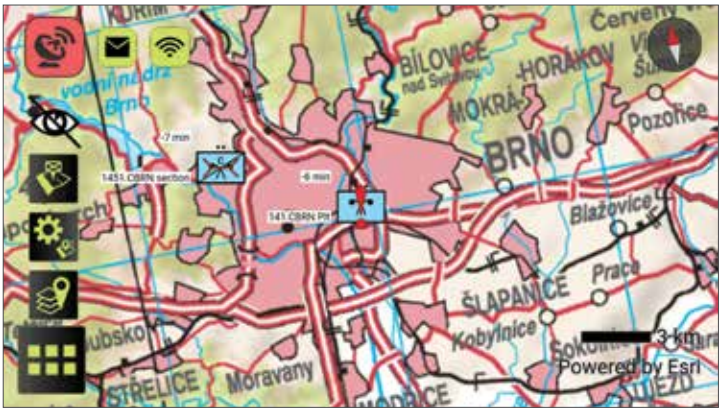
BADIAN is a part of Situational Awareness System and Battle Management System. The message exchange is based on a proprietary solution, which allows to exchange data seamlessly between lover and higher level without loosing time and valuable information.

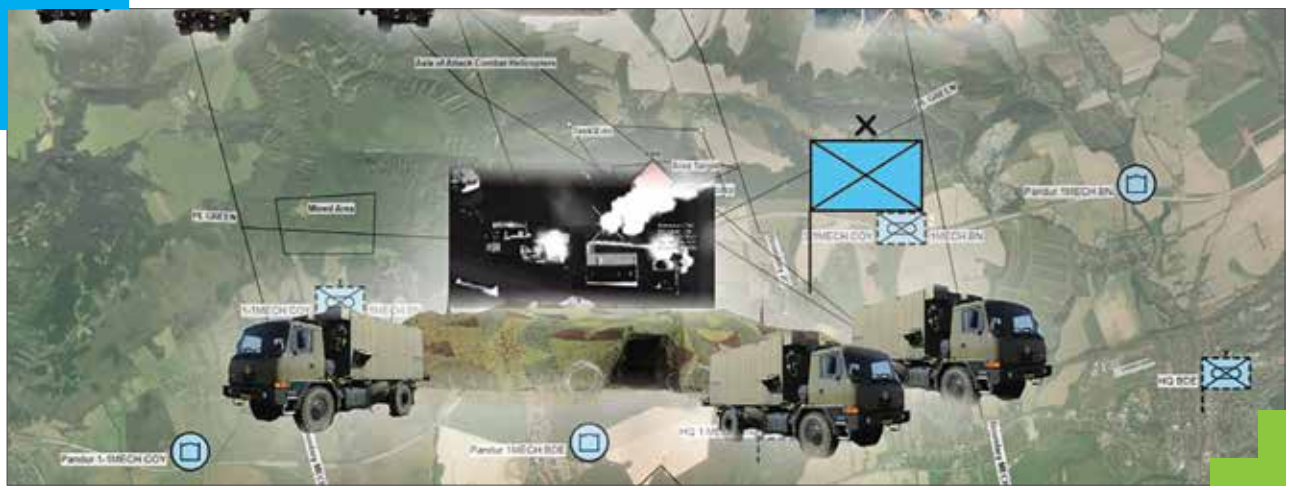
OPERATIONAL CAPABILITIES

BADIAN is interoperable within ICZ DELINFOS®. Due to implementation of JDSS DM fully supports platforms and individual soldiers. BADIAN provides basic information of friend and enemy unit position, tactical overlays, communication means, integration of wearable sensors.

FEATURES

- ►Basic Situational Awareness above map.
- ►Message and Tactical Symbology Exchange with superior or co-fighters.
- ►Wearable Sensor Integration.





[INTEROPERABILITY]

FMN (Federated Mission Networking)

C4ISR (Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance)

SOA (Service Oriented Architecture)

MIP (Multilateral Interoperability Programme baseline 3.1 and 4)

NFFI/FFI (NATO Friendly Forces Identification)

NVG (Nato Vector Graphics)

JDSS DM (Joint Dismounted Soldier System Data Model)

[INTEGRATION OF SENSORS AND PLATFORMS]

The ICZ DELINFOS® system supports sensors from a wide area of army forces such as:

- Combat (weapon and platform sensors
- Artillery
- CBRN
- Intelligence
- Medical

COMMUNICATIONS

Different communication protocols are implemented in particular on the SAMET/BADIAN part:

- DICOM RF 13xx, 20xx
- Harris AN/PRC 117F/G, AN/PRC 152, RF 7800S
- Thales 148 MBITR/JEMM
- Satellite services – BGAN, Inmarsat, Iridium
- GSM

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