



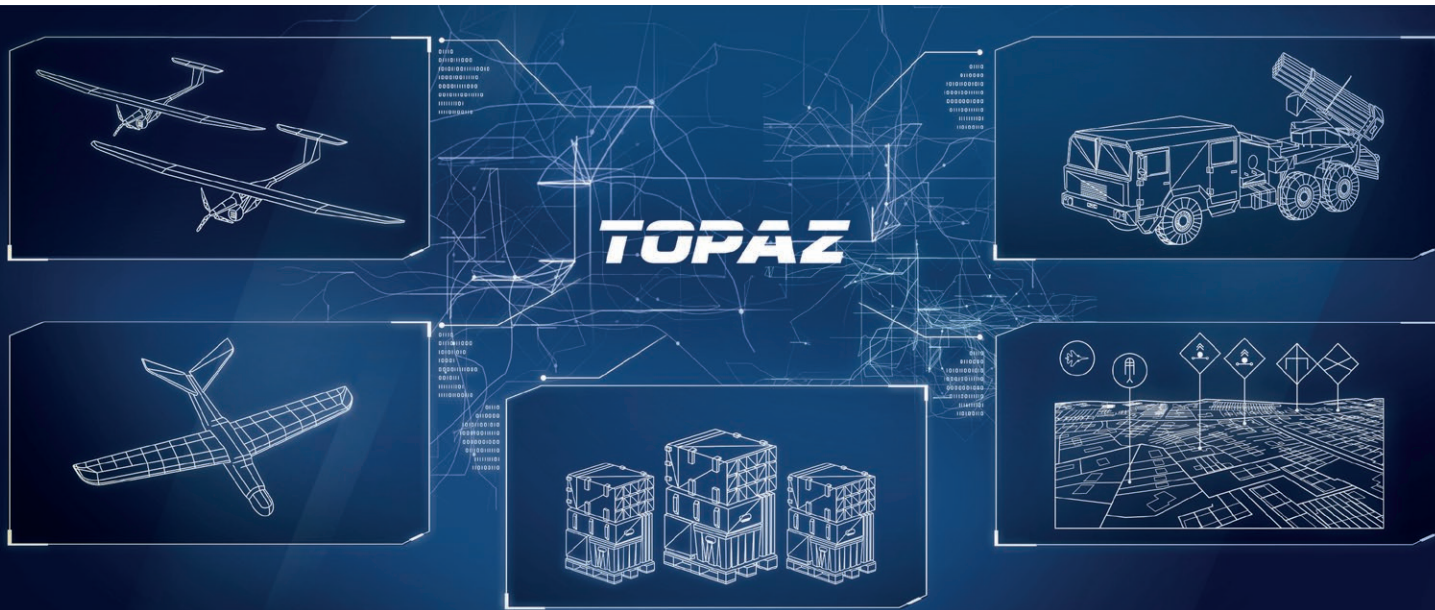
WB GROUP 

TOPAZ

Integrated Combat Management
System (ICMS)

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The Mastermind – TOPAZ Integrated Combat Management System (ICMS) is a fully integrated solution enhancing situational awareness in the military and civil sectors, providing support in strategy, mission planning & preparation. Our TOPAZ-ICMS solution facilitates an adaptive workflow drawing upon the core elements in battle: overwatch / observation, management / logistics and strike. All these elements in tune together transform situational awareness and common operating picture to the next level, creating a COLLABORATIVE OPERATING PICTURE for military commanders.



In order to enhance the speed of the process of turning informational advantage into faster and more effective military decisions and ensure precise actions with maximum use of all available assets, WB GROUP's engineers and constructors designed a fully integrated system enhancing situational awareness, crisis response according to OODA (Observe Orient Decide Act) loop.

TOPAZ ICMS include:

the integration of strike systems with an advanced software, enabling to perform precise ballistic calculations

a fully integrated communications and command network, ensuring effective management and command at every operational level

a device integrating artillery strike systems and loitering munitions systems to perform precise air strikes

the advanced surveillance systems for total situational awareness

a system that ensure full control over all military assets

A fully integrated, modular set of applications:

TOPAZ Recon

-  reconnaissance
-  observation
-  situational awareness

A function that enables the real-time analysis of information acquired from reconnaissance and observation systems – this include the unmanned aerial systems, ground surveillance systems, battlefield radars and various types of observation sensors.

TOPAZ Tactics

-  communications
-  command
-  battlefield management

Enables the automated command of all subordinate units. In addition, thanks to the integration with the civil communications systems, this function enables soldiers to communicate with crisis response units and uniformed service.

TOPAZ Strike

-  strike
-  air strike
-  anti-aircraft protection

Enables to carry out a precise strike using available loitering munitions systems.

TOPAZ Logistics

-  supplies
-  service
-  support
-  modernization

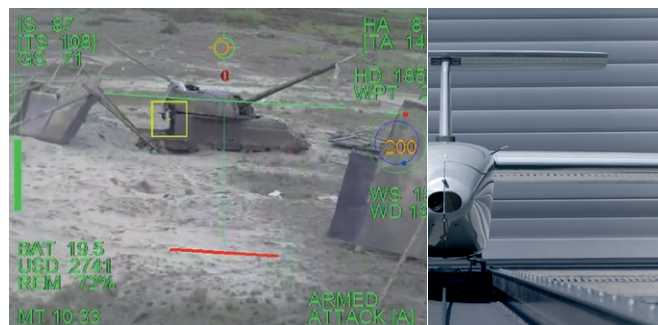
Enables the control of all logistic assets, including ammunition reserves and technical condition of vehicles by the commander.

TOPAZ AFCS (Automated Fire Control System)

-  fire control system
-  integration of firing assets

The original version of TOPAZ is a complex system enabling the commander to gain full control on the battlefield with help of all available surveillance sensors.

The key advantage of TOPAZ ICMS is its modularity and scalability. This allows to build various configurations that connect all WB GROUP's products and functions, creating a fully integrated solution enhancing situational awareness in the military and civil sectors, that provides support in strategy, mission planning & preparation.



COMPATIBLE PRODUCTS

FONET Digital Communication Platform

WARMATE Loitering Munitions System

FLYEYE UAV

The family of **COMP@N** radios

Dismounted Observation & Command System **U-GATE**



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