

TOPAZ

Automated Fire Control System

Battlefield deployed system that has defined the standard for managing strike assets in the 21st century.

System features



Connect, Control & Interact with Multiple Communication Platforms simultaneously.



Management of **Indirect Fire Sources** (Mortars, Artillery, Rockets) and **Direct Fire Sources** (MBT, AFV, APC, RCWS)



Designed in compliance with the **NATO standards:**

- MIP DEM STANAG 5525
- ADatP-3 STANAG 5500
- NFFI-FFI STANAG 5527
- NVG: 1.4, 1.5, 2.0
- JCHAT

TOPAZ AFCS is a C4I class system that provides:

- Complete chain of command and control
- Artillery fire mission support
- Ballistic calculation
- Voice and data comms management employing the available wired and wireless communication assets
- Reconnaissance sensors automation (Optics, LRF binoculars, artillery radar, UAV, recce vehicles, MET station)
- Logistic tasks support, including ammunition supply planning and maneuver planning

Its modular and scalable nature allows ground force commanders down to the lowest tactical level to select appropriate mission modules from WB Group's toolkit of services to integrate external applications and equipment.

TOPAZ AFCS is a fully scalable fire control system that can be deployed from small teams, to vehicles and command centers, enabling the commanders to gain full control of the battlefield with help of all available strike sources.

Supports operational requirements from the Polish land forces

More than 14 Polish artillery batteries are currently equipped with TOPAZ Automated Fire Control System (AFCS) software suites in support of:

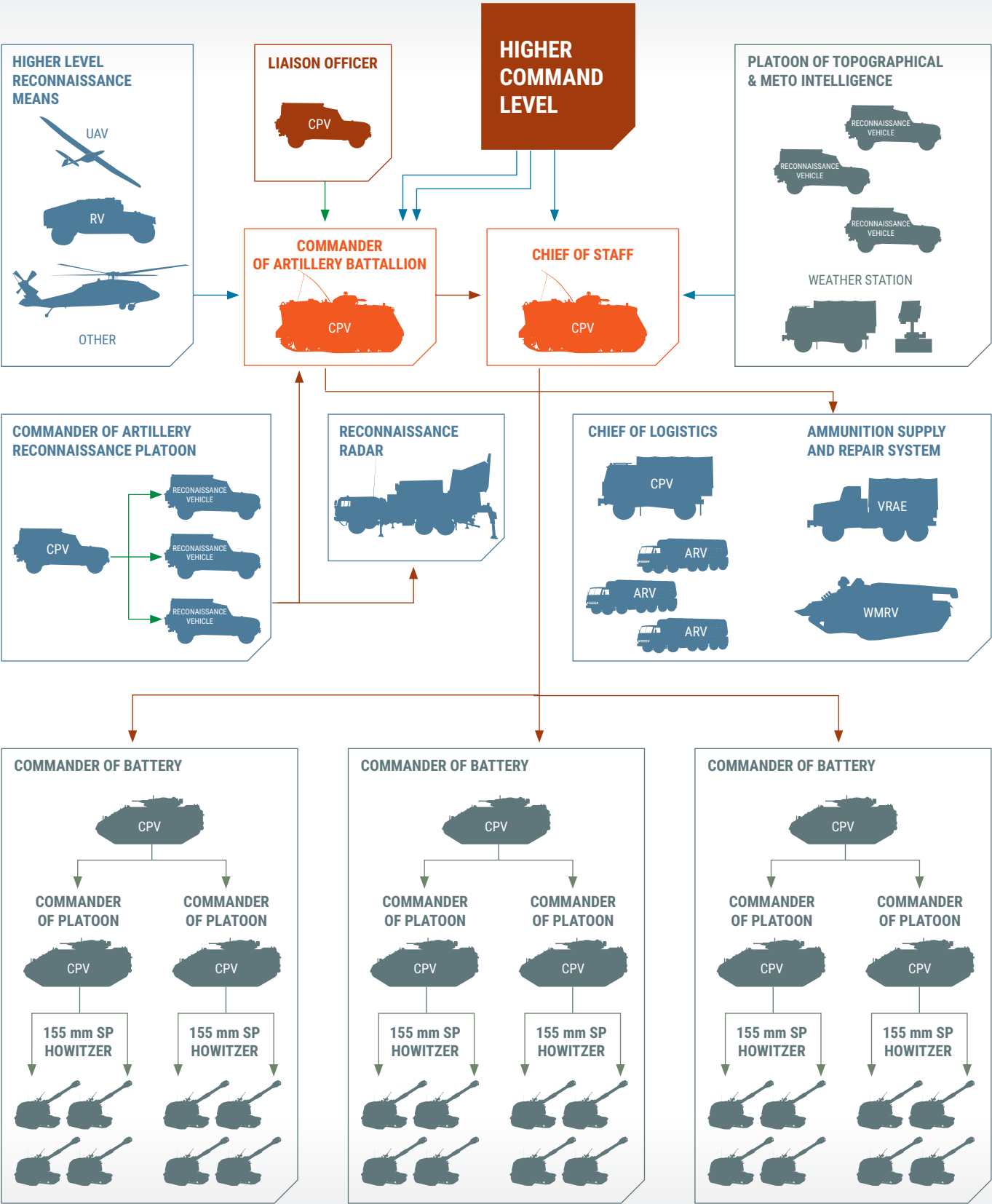
Howitzers 155 mm KRAB; 152 mm DANA, 122 mm GOZDIK

Mortars 120 mm RAK

MLRS WR-40 LANGUSTA (modernized BM-21)



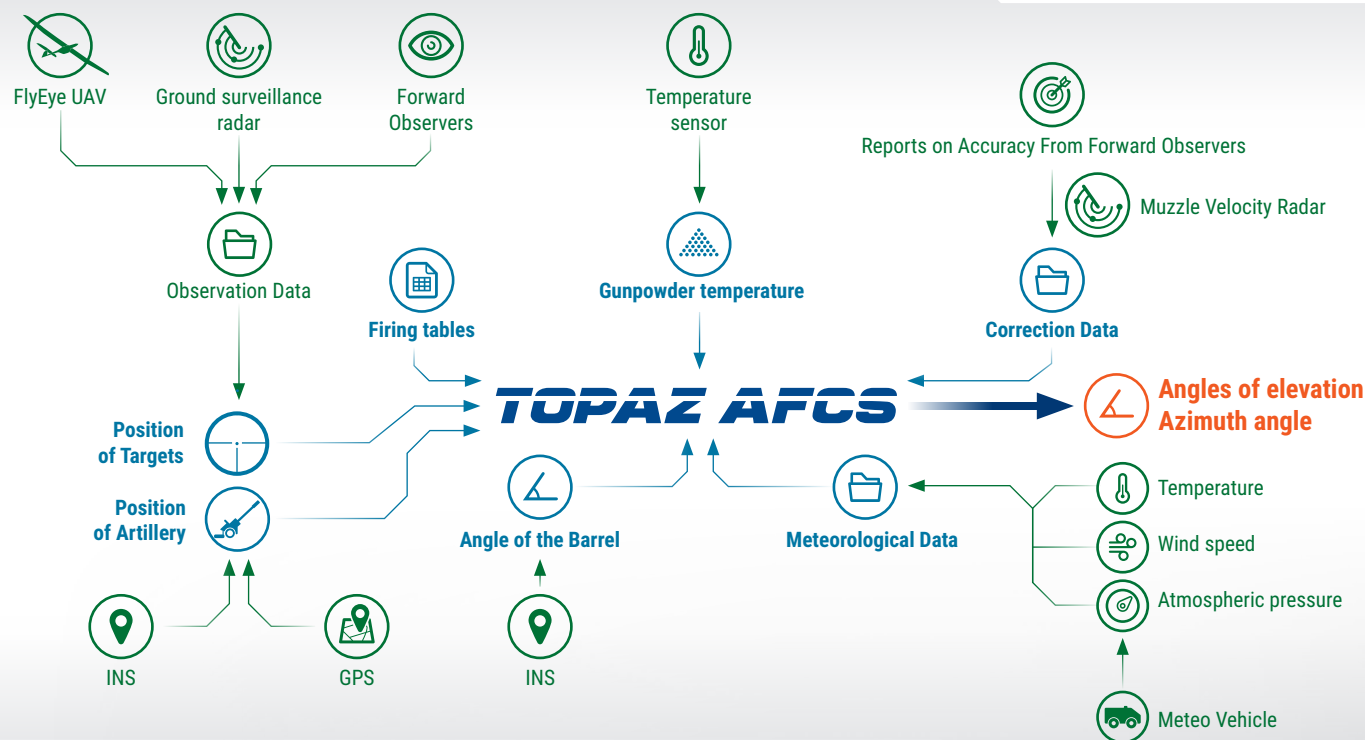
Artillery Battalion of 155 mm Self Propelled Howitzers REGINA



TOPAZ AFCS includes:

- The integration of strike systems with the advanced software, enabling precise, ballistic calculations.
- A fully integrated communications and command network, ensuring effective management at every operational level.
- FONET Digital Communication Platform – a robust suite of hardware which acts as the host for TOPAZ software and connects sensors, communication networks and strike assets.
- A device integrating artillery strike systems and loitering munitions systems to perform precise strikes.

TOPAZ AFCS – System overview



COMPATIBLE PRODUCTS

TOPAZ ICMS

FONET Digital Communication Platform

WARMATE

WARMATE 2

WARMATE Tube Launch

FLYEYE

AMSTA

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