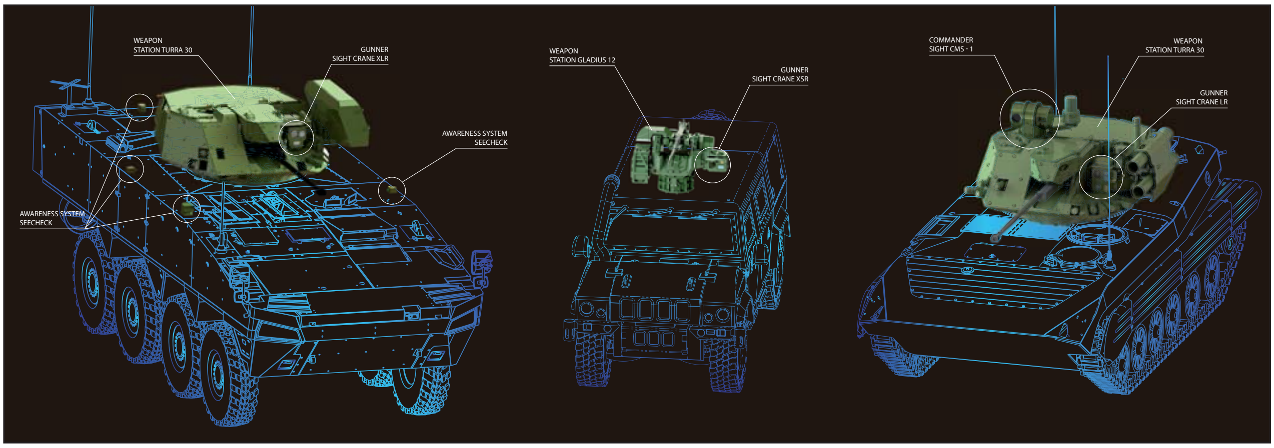
The Key to Victory is to See the Enemy First



One of the important laws of combat states: "If you can't see the enemy, he still may be able to see you." Therefore, it is critically important for the friendly forces in combat to be able to spot the enemy before he sees them, identify his assets and engage first – battles are won or lost with the help of element of surprise.

The EVPÚ Defence is the only Czech manufacturer of commander and gunner sights designed for special military vehicles and a leading global manufacturer of electro-optical systems.

The electro-optical systems manufactured in the south-eastern part of the Czech Republic guard frontiers of more than 40 nations all over the world and find frequent use in projects of the Ministries of Defence and police forces of the Czech Republic and Slovakia.

The EVPÚ Defence is the world's leading manufacturer of pan and tilt positioners. Thanks to their long-term development, manufacturing and maintenance pan and tilt positioners have excellent quality, reliability, long service life and first-rate adaptation to the toughest operating conditions. Due to the great flexibility of our own development department, unstabilized and gyroscopically stabilized pan and tilt positioners can be used in a variety of applications such as border monitoring, anti-drone systems, unmanned vehicles, vehicle-mobile systems, boats, and others.

Pan and tilt positioners can be tailor-made to the specific requirements of the customer with respect to the intended application. The most well-known are:

- MRP, MCM, ARM – for short-range systems, with payload up to 10 kg
- MSM, MSO, NERO – for middle range systems, with payload up to 34 kg
- GEMA – for middle- and long-range systems, with payload up to 50 kg
- MST, MSR – for long-range systems including gyro stabilization or liquid transfer option, with payload up to 150 kg
- MALLI – for radar systems, with payload up to 20 kg

Each of the models described above was developed for a specific project, which in fact shows that the EVPÚ Defence can provide flexible solutions and offer custom-made products.

The EVPÚ Defence also offers CRANE multipurpose sights – a multi-sensor electro-optical container developed for integration into remotely controlled weapon stations for short, middle and long range applications on weapon stations.

The EVPU Defence does not simply assemble third-party components into systems: our company is a specialized manufacturer of the dedicated sensors, which are calibrated and tested in its purpose-built laboratory.

Another interesting product fielded by the Army of the Czech Republic is known as SeeCheck – a system monitoring the surroundings of a vehicle and guarding the safety of its crew; it has been installed on Iveco LMV 4x4 armored vehicles and LOS-M and Sněžka-M tracked armored reconnaissance and surveillance vehicles. The SeeCheck system is also integrated into communications and command and control versions of the Pandur II 8x8 wheeled armored vehicles which the Army of the Czech Republic is currently preparing to field.

In addition to developing, manufacturing, and maintaining the abovementioned elements, the EVPÚ Defence also integrates them into more complex surveillance and weapon systems. Thanks to cooperation with the parent company, EVPÚ a.s., it can deliver complete integrated solutions of remote-controlled surveillance systems and weapon stations. An example of such cooperation is the ZSRD-07, Gladius and TURRA 30 weapon stations.

The CMS-1 commander panoramic sight, exhibited for the Golden IDET Competition is a multi-sensor electro-optical system, the sensors of which are mounted on a gyro-stabilized pan and tilt positioner, providing an all-round field of vision to the commander irrespective of light or weather conditions.

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The EVPÚ Defence will display many products from its portfolio, including monitoring systems and all types of commander and gunner sights, at the forthcoming MSPO, DSEI, NATO Days and Expodefensa.

Additional information about products by EVPÚ Defence can be obtained at **www.evpudefence.com**. ■

Photo: EVPÚ Defence