

Ministry of the Interior  
Mart Helme  
Minister of the Interior  
Pikk 61  
15065 Tallinn  
Estonia

Prague, 19 November 2021

**Subject: New UAV technologies for sovereign security**

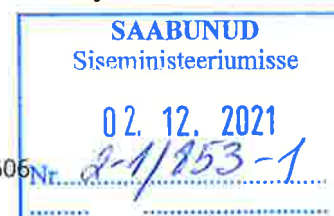
Dear Minister,

In the view of the complex security situation in your country we would like to offer you a comprehensive solution to sovereign security using the proven Primoco unmanned aerial vehicle (UAV). Primoco UAV has combined the best of existing technologies since 2015, and in 2021 a brand-new UAV variant is available with a special sensor suite for sovereign security purposes, focusing on border control and defence intelligence gathering. The UAV system is in use by government agencies across three continents for a variety of purposes, but all with one focus – cost effective improvement of their country's security.

The UAV Primoco One 150 has 15+ hours endurance, 200 km direct radio line of sight range and a 2,000km flight range. It is a petrol engine airplane weighing 150kg with 30 kg dedicated for the sensor package payload. With various payloads one plane can cover up to 120,000 km<sup>2</sup> area within a few hours. The plane is designed for covert operation and due to its unique petrol powered four-stroke engine it is not audible when flying at cruising altitude and it cannot be spotted either visually or via radar due to the small silhouette and fully composite construction. The UAV is managed based on fully automatic operation from take-off to after landing from a 300 to 500m runway.

The UAV can accommodate a wide array of sensors in a large payload bay and provide a live real-time stream of flight data from two high-definition sensors simultaneously at 200 km distance. The advanced datalink as well as the airframe capability allow streaming of multiple sensor data at once, for example EO/IR and IMSI or EO/IR and SAR radar. The sensor suite can include:

- Full HD daylight camera, SD or HD thermal camera and laser range finders, allowing automatic object tracking for border control (individuals, vehicles, static objects...), GPS referencing and live streaming of captured data;
- Cell phone & Satphone interception devices (IMSI Catcher) allowing cell phone direction and location search as well as interception techniques;
- Synthetic aperture radar (SAR) for moving object detection, migrant tracking, missing and hidden persons search, sniper tracing, IED device search on roads or any detection of other environment changes;



- Ultra high-resolution still camera (150 MPix) for ultra-fine detail precision photography ;
- Automatic identification system (AIS) for vessel and ship radio identification (and vice versa for vessels not broadcasting AIS as points of interest);
- Laser 3D scanners (LIDAR) for ground mapping and threat detection.

If your need is for just preventive control of an area of interest, or it is for a detailed search & track with identification and interception of an intruder, the UAV Primoco One 150 platform is able to provide you with a full range of options for mission fulfillment. Most payload options can be selected from ITAR-free EU-based components. We are STANAG 4703 qualified, recognized under EMAR21 (European Military Aviation Regulation) and fully licensed for the export of dual use/military use equipment including unique hi-grade sensor packages.

Our company provides full pre-delivery and post-delivery services including spare parts, ground support equipment, online access to the operational, maintenance and flight documentation, and of course training. Crew preparation, a key element for success, is performed in a state-of-the-art environment using modern 3D virtual reality simulators and desktop simulators. Our company also owns and operates its airport with its own airspace. We are thus happy to be able to say that Primoco UAV SE is a one-stop-shop for full UAV life-cycle support.

We believe our UAV system can bring substantial value to your country's security and will be proud to help you deliver your mission in a fast, effective and innovative way. Please feel free to contact me or our Sales VP (Mr. Jakub Fojtík, [fojtik@primocouav.com](mailto:fojtik@primocouav.com)) at any time with any questions you may have.

With best regards,



Ladislav Semetkovsky  
Chief Executive Officer  
Primoco UAV SE