

## Albatross Newsletter

### **R-SYS successfully deployed "mydronespace" Registration and Airspace Management service in Hungary**

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The Slovak company R-SYS Ltd., Subsidiary of ERA, have successfully completed a process of development and deployment of mydronespace™ system for Hungarian Air Navigation Services HungaroControl. Two key components of the system— HungaroControl's mobile application for drone pilots and UAS operators, and the web console for supervisory authorities - together constitute a keystone providing a secure registration of drone pilots and reliable airspace management service involving UAS operation in Hungary.

Mydronespace solution represents a good basis for the future U-Space (UTM) system that should fully integrate the unmanned aerial vehicles into ATC environment. Mydronespace was developed for, and delivered to HungaroControl, the Hungarian ANS provider, for its operational use and service provision. With mydronespace, HungaroControl can provide essential support to UAS pilots: mydronespace supports the situational awareness of drone pilots in accordance with the legislation in force.

*"Thanks to the excellent cooperation of HungaroControl and R-SYS, mydronespace design has been tailored to the customer's requirements, SW successfully implemented, and field tested to be finally put into full operation from January 1, 2021, on the day when Commission Implementing Regulation (EU) 2019/947 on the rules and procedures for the operation of unmanned aircraft became effective in EU,"* stated Marek Náhlik, CEO of R-SYS.

The R-SYS Ltd, thus becomes one of the few producers within EU having in its portfolio a UTM solution providing drone pilot registration and UAS flight management, and Hungary becomes one of the first EU countries operating such solution and providing UTM services to drone pilots.

Before its first execution, mydronespace was subject to extensive cyber security testing as cyber threats protection was one of the key requirements the new system shall comply with. In addition, a synergistic benefit of integrating mydronespace (designed for drone pilots) into the existing NetBriefing system (designed for GA pilots) is a significant improvement of air traffic safety and airspace efficiency while air navigation service provision is facing a rapidly increasing use of UAS both for commercial and non-commercial (hobby) purposes.