Beat: Technology

SKYGUIDE And AIRMAP Join Forces

Drone Traffic Management System

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The System will be the First National Deployment of U-space, Europe's Vision for the Digital Infrastructure that will support safe and secure access to European Skies for Millions of Drones. Much like the U.S. "Unmanned Traffic Management (UTM)" Initiative, U-space is a Collaborative Effort to enable Situational Awareness, Data Exchange, and Digital Communication for the European Drone Ecosystem.

In a Pilot Phase starting in June 2018, Skyguide and AirMap plan to integrate the AirMap UTM platform with Skyguide's Infrastructure and introduce automated Flight Authorization in a Single Airspace Environment. Skyguide and AirMap will also develop a Roadmap for Swiss U-space that will set the stage for the deployment of a fully operational Drone Traffic Management System in 2019 and beyond.

Swiss U-space will ensure that all categories of Drones and all types of missions can safely take Flight in Switzerland's Airspace. Swiss U-space will include features such as:
* Blockchain-based registration for users and drones;
* Dynamic geofencing and instant digital airspace authorization;
* Real-time traffic alerts for drone pilots and live drone telemetry for airspace managers;
* Connectivity and communication between drone pilots and airspace administrators;
* Other services to enable simultaneous flights in shared airspace.

With deployments in Switzerland, Japan, New Zealand, and the United States, AirMap UTM is the most comprehensive and connected Platform of its kind. The Platform offers up-to-date Airspace Information for every Country in the World, National Airspace Rules for more than 20 Countries, and the Largest Network of Drone Operators, Manufacturers, and Airspace Managers in the Drone Ecosystem, reaching more than 85% of the World's Drones.

Source : AirMap

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