



# Swissuspace.ch: Enabling Nationwide Network Remote ID

Swiss Air Navigation Service Provider skyguide and UTM technology provider AirMap are contributing to the enablement of a nationwide voluntary Network Remote ID service across Switzerland. We are providing the following capabilities to airspace stakeholders who wish to utilize Remote ID:

### Operator Functionalities

UAS operators can participate in the Remote ID service by transmitting their telemetry data on a voluntary basis, either via the skyguide app or any mission control software that is connected to our telemetry APIs. The operator's UAS position is shared in order to give stakeholders the information they need while protecting operator privacy. Operators can also leverage the app's existing features to plan flights and learn about applicable rules and airspace restrictions.

### Remote ID Display Functionalities

Members of the general public can use the skyguide app to remotely identify drones flying in Switzerland. This display application also enables authorized users, including police, public safety officials, and other qualified authorities, to access and verify security-critical operator information.

These capabilities are powered by the Swiss U-space platform, which enables information sharing between multiple U-space Service Providers (USSPs) and is fully compliant with the ASTM standard on Remote ID and

tracking. Flights created on the platform using the mobile, web app or APIs are announced in the Discovery and Synchronization Service (DSS) so that users of other USSP platforms can be made aware of UAS operations. To learn more and download the skyguide app, please visit [swissuspace.ch](https://www.swissuspace.ch).

## **Understanding Network Remote ID**

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Enabling complex drone use at scale requires transparency and accountability in the low-altitude airspace. Remote ID makes that transparency possible by offering a flexible and scalable way for UAS operators to share safety-critical identifying information with law enforcement and the general public while still safeguarding their privacy.

Network Remote ID is when drones share their identifying and positioning information via the internet to the cloud, where it can be accessed by other operators, authorities, and the general public. That information is then stored, creating a comprehensive traffic record and a trusted picture of UAS activity.

## **About Swiss U-space**

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Swiss U-space Implementation (SUSI) is a Public-Private Partnership between the Swiss Federal Office of Civil Aviation, the Swiss ANSP skyguide and twenty-seven companies active in the field of drones and UTM/U-Space. SUSI was founded in December 2018 with the aim to identify, quantify, develop and effectively implement the U-Space capabilities and technologies in Switzerland.