



# Intersoft Services and Skyguide partner up to deliver CNS drone measurements as-a-service: SkyRF

## Preferred partnership

Intersoft Services and Skyguide are stepping into a preferred partnership to deliver CNS performance measurements using drone technology. This SkyRF service supports commissioning, certification and maintenance of primary & secondary radar and NavAids such as ILS, DME, TACAN and VOR.

**Intersoft Services** is the Belgian company under the Intersoft Electronics Group that specializes in field services and measurement campaigns in the domain of radar and NavAids. Intersoft Services has a pedigree of more than 35 years in the development of radar test equipment and radar subsystems.

**Skyguide**, the air navigation service provider for Switzerland and parts of adjacent countries, has been using ILS and VOR measurement drones operationally for 4.5 years. This includes preventive and corrective maintenance on ILS and VOR, as well as commissioning. Skyguide proved the safety case and the repeatability and correlation of the measurements.



The idea of cooperating for drone measurements blossomed at the World ATM Congress 2021. Gregor Aschwanden, Senior Product Manager Skyguide and Domien De Ruyck, Managing Director Intersoft Services got in touch and learned that their organizations' knowledge and expertise could complement each other very well.

The dedicated and compact measurement equipment that Intersoft Services had developed and incorporated in their measurement campaigns, showed versatility and accuracy that Skyguide could highly appreciate. The field experience of Skyguide on NavAids measurements and the logistics and processes involved with test flights, enabled Intersoft Services to further improve their drone platform.

At the World ATM 2022, on June 21<sup>st</sup>, Intersoft Services and Skyguide signed a Memorandum of Understanding declaring the preferred partnership.

*Gregor Aschwanden, Senior Product Manager Skyguide: "The idea of cooperating with Intersoft Services for drone measurements blossomed at the World ATM Congress 2021. Now, we are proud to announce our preferred partnership."*

## Complete portfolio of CNS measurements as-a-service

SkyRF is a service. That means that CAPEX investments are eliminated. It also reduces the need for qualified flight testers, insurance, and a lot of administrative overhead. As such, commissioning, certification and maintenance of CNS equipment become not only more cost effective, but are also performed much faster and easier. SkyRF complements ground measurements and reduces the need for flight checks by up to 50%.

The dedicated equipment onboard the SkyRF drone and its software platform were specifically designed for measuring NavAids and Radar performance in the Far Field. While avoiding obstructions and interference sources, SkyRF measures with high accuracy and reliability. System performance is measured accurately, without estimates or theoretical models.

*Domien De Ruyck, Managing Director Intersoft Services: "SkyRF reduces the need for flight checks by up to 50%. It's offered as-a-service, as such unburdening CNS measurements."*

SkyRF has a low operational impact, avoiding downtime of runways thanks to a proven safety case.

SkyRF operates manufacturer independent and is available for ANSP's and military operators of CNS equipment like NavAids or Radars.

SkyRF offers a complete portfolio of CNS drone measurements as-a-service.

More information on [www.skyrf.aero](http://www.skyrf.aero) or [info@skyrf.aero](mailto:info@skyrf.aero)



*SkyRF performing drone measurements on a collocated PSR-SSR*