

Discover our
TEST EQUIPMENT
and
SERVICES



We make the sky safer

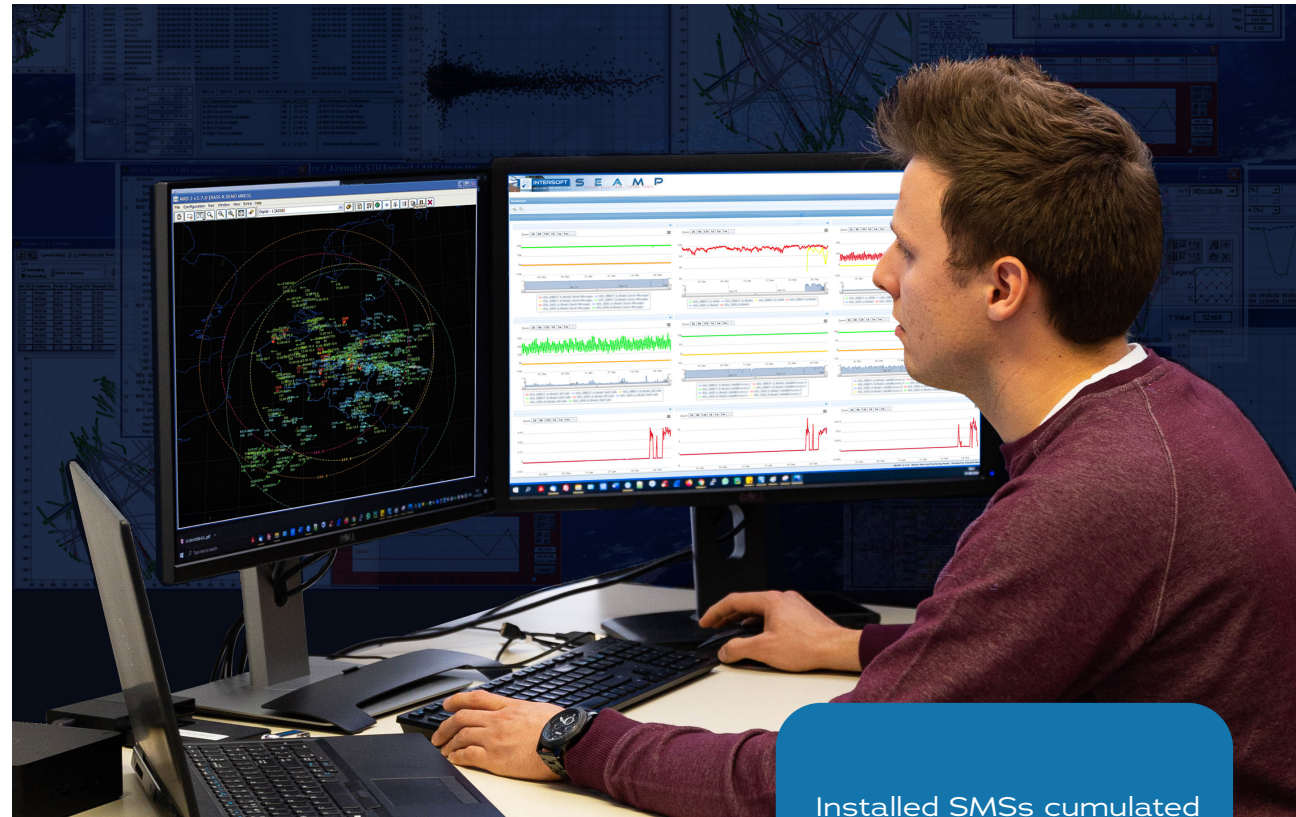
FLY SAFE



MONITOR, MEASURE AND SERVICE YOUR SENSORS



MONITOR



Installed SMSs cumulated
1 MILLION OPERATIONAL HOURS

SENSOR MONITORING

Reliable sensors are preliminary to safe ATC operations. With the Sensor Monitoring System (SMS), ANSPs centralize all data of their complete sensor fleet, including PSR, SSR, ADS-B, MLAT, etc. The SMS allows to analyze sensor performance, do trend analysis and schedule preventive maintenance.

- Real time
- Centralized
- PSR, SSR, Mode-S, ADS-B, MLAT, ...
- Integration of different OEM sensor data
- Reliable sensor network intelligence
- Preventive maintenance reducing costs

MEASURE

PERFORMANCE MEASUREMENT

With the test equipment of Intersoft Electronics, ANSPs, MROs, Air Forces and manufacturers can measure the performance of their systems in the field and in the lab.



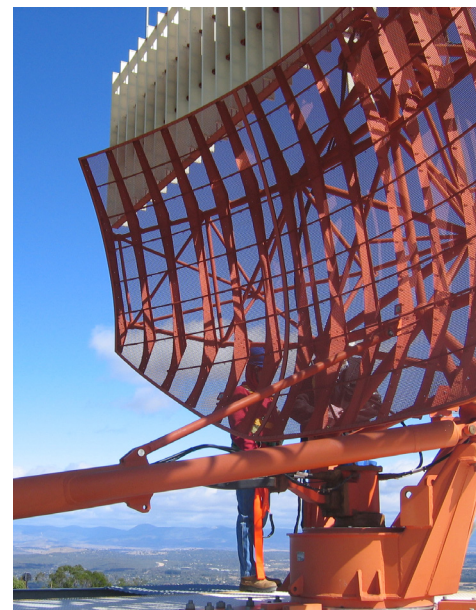
Field Equipment

Ground and drone-based measurements speed up testing, acceptance and certification processes.

The RASS® ground measurement solutions offer a system for evaluating the different elements of a radar, independent of the radar manufacturer.

The SkyRF® drone platform allows to do performance measurement of all kinds of Communication, Navigation and Surveillance (CNS) installations in an extremely efficient and reliable manner.

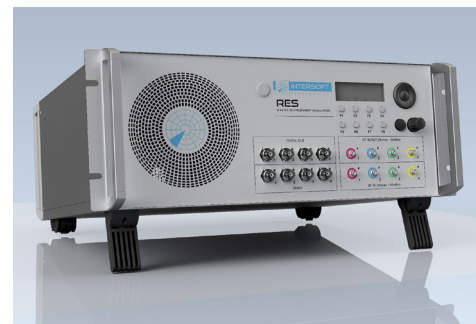
- Repeatable
- Compliant to EUROCONTROL, ICAO and STANAG standards
- Reducing flight checks up to 50%
- No or minimal operational impact
- Covering a wide range of CNS: PSR, SSR, ILS, VOR, TACAN, PAPI, ...
- Complete radar testing from antenna to controller



Lab Equipment

Expert tools allow to test (sub)systems to their absolute limits. The Radar Environment Simulator (RES®) and Radar Target Generator (RTG) are the flagships of this portfolio. With these state-of-the-art tools, manufacturers can measure their systems without the need of a real test site or opportunity traffic.

- Simulate up to 2048 targets simultaneously
- Complex scenarios with different RCS targets
- Ground, airborne and moving platform simulations
- Complex environments with clutter, interference and jamming
- EUROCONTROL EMS 4.0 compliant
- STANAG and AIMS Mode 5 capabilities



SERVICE



FIELD SERVICES

Customers enjoy our expertise in planning, installing and maintaining advanced air traffic control systems, which are essential for ensuring the safety, reliability and efficiency of air traffic operations. Our expertise spans Communication, Navigation and Surveillance (CNS) technologies, meteorology, airport lighting, power supply solutions and many more, ensuring seamless and reliable airport operations.

- Planning, installation and maintenance of advanced ATC systems
- Turnkey project
- System intelligence and reliability
- Saving maintenance and repair costs
- ATSEP certified technicians, using state-of-the-art tools