



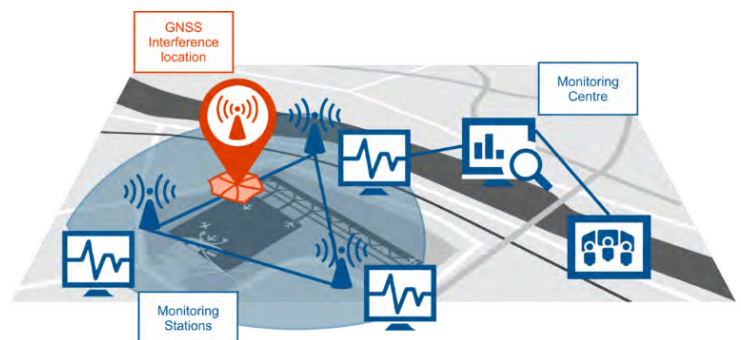
Secure Solutions and Systems for **Mitigating the Risk of GNSS Spoofing and Jamming**

GNSS quality assurance systems offering continuous and automatic jamming and spoofing detection for safety-critical infrastructure.

Civilian GNSS services are free of charge and globally available but insufficiently protected against unintentional and even intentional disturbances. For many applications, it's not only precision that matters, but predominantly integrity too.

In today's complex geopolitical landscape, along with easier access to spoofing and jamming equipment, the level and severity of GNSS interference has increased. With civil and defence aircraft and marine vehicles at risk, the European Union Aviation Safety Agency (EASA) has recommended the monitoring of GNSS sources for interference.

This extends to including equipment manufacturers ensuring that their systems are secure from external threat too.



APC can provide a wide range of GNSS/GPS solutions



Discover the range of GNSS/GPS solutions that can provide critical and highly accurate positioning capabilities to many industrial, civil and defence customers around the world.

Find out more online.

Prefer to speak with someone? Call our team on 0330 313 3220

Mitigation and testing of **GNSS solutions**

APC's specialist Time Synchronisation team can advise on GNSS quality assurance systems for installation at critical sites (such as airports and ports) in addition to embedded solutions for aircraft and equipment manufacturers.



XPLORA Pro

XPLORA Pro is a GNSS real-time simulator which consists of a high-quality signal generator as a hardware platform and the flexible and powerful GNSS simulation environment.



GNSS Interference Detection and Analysis System (GIDAS)

GIDAS adds to the security of GNSS applications by making threats visible. A scalable real-time system to monitor the GNSS services on-premises and alerts in the case of malfunction or performance degradation.

An ideal solution for GNSS security

- Civil air and maritime navigation
- Time synchronisation of infrastructure systems
- Military navigation
- Civil road navigation and infotainment systems
- Government systems
- Geodesy
- Road tolls and automated payments
- Automated agricultural machinery

Our team can also help with the integration of a mobile-based system specifically designed for fleet and in-vehicle use or an embedded solution for direct implementation into end systems and platforms.

Start a conversation with a member of our team to get technical insight and expert support on a range of GNSS and networking solutions for critical applications

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