



Airport Operations

Genaker Cloud PTT has recently been deployed with an airport service provider in Spain to substitute the use of TETRA terminals. The solution is employed by the bus drivers who carry passengers between the terminal and the aircraft. With a professional vehicle mounted accessory that includes a PTT button, drivers are able to respond without taking their hands off the wheel. The model is integrated into the electric and loudspeaker system of the vehicle itself.

Other accessories, including professional earpieces and shoulder mics, are also available to enable the solution to be used in noisy and tough environments. This allows for its use to extend to other roles such as passenger services, ramp, push-back and towing, catering, sanitary & cleaning, fueling, de-icing, maintenance & overhaul, etc.

Users within the air transport industry are able to communicate with other users located in airports across national and international locations with the click of a button, using a single device.

Law Enforcement Spain

Genaker Cloud PTT has been deployed within law enforcement agencies in three regions across Spain, and this particular use case could easily be adopted by security personnel stationed at airports.

The service was deployed for the Catalonia Police Force to compliment their TETRA network, where radio coverage is lacking. Officers have previously had to resort to phone calls when located in such areas, which represents an inefficient use of communication technology and channels.

With the service, officers have been able to maintain secure and real-time walkie talkie type communications by leveraging the mobile coverage with the click of a button and without having to worry about obtaining frequency band licenses, thus improving security in areas such as the metro.

In the Canary Islands, the service has been deployed for undercover police officers who currently operate in this area with regular consumer grade smartphones together with standard earphones. The service has been interconnected to the existing security and emergency services radio network, which provides communications to the fire brigades and law enforcement, enabling them to communicate with volunteers who employ the solution on their smartphones.

In Madrid, Genaker Cloud PTT is used by supervisors and high ranking officers, who need to be able to listen to communications over their TETRA network, but who cannot be expected to carry a walkie talkie for practical reasons. Furthermore, they need to be able to follow communications when they are outside of the range of their radio network.

Oil & Gas

Genaker Cloud PTT is currently being deployed within several companies in the oil & gas sector. With such companies, the solution is being utilized to substitute the use of legacy mobile radio networks, thus becoming the sole means through which users will maintain walkie talkie type communications.

In this scenario, users are migrated in batches from their current communications system to Genaker's Cloud PTT solution. The two systems need to coexist during this transitional period, so gateways are employed to enable employees using radios to continue communicating with those colleagues who are already using Genaker Cloud PTT.