Raising standards in air traffic safety
Radio direction finders

ROHDE&SCHWARZ

With this new generation of ATC direction finders, Rohde & Schwarz sets a milestone in its long-standing expertise in this technology.

Direction finders highlight the calling aircraft on crowded radar screens.

Radio direction finders enhance the controllers' situational awareness. The systems support safety and productivity in towers and control centers.

Situational awareness

R&S®DF-ATC-S direction finding systems raise standards in air traffic safety by increasing the controller's situational awareness. Theyoffer several benefits:

▪ Clear georeferencing of calling aircraft
▪ Fast and reliable aircraft identification
▪ Simple recognition of readback errors

This extra sense uncovers readback errors and reduces the probability of confusion when aircraft have similar call signs. Even in times when traffic is dense, the direction finders ensure a clearer situation picture.

High performance

R&S®DF-ATC-S direction finding systems cover wide regions and provide controllers with precise information on multiple frequencies because they provide:

❚ High level of DF accuracy
❚ Wide ranging coverage
❚ Direction finding on up to 32 channels in parallel (with one DF unit)

These powerful and reliable systems can support multiple air traffic controllers in parallel. The direction finders can even deliver bearing values to different sites within an IP network.

Easy integration and low maintenance

The scalable R&S®DF-ATC-S direction finding systems are simple to install and easy to integrate into existing ATM systems. They feature the following:

❙ Compact outdoor unit with low infrastructure requirements: no building, no shelter
❙ Own control software for standalone operation
❙ Open interfaces for integration into radar screens and map displays

Four standardized systems are available for minor airfields, large airports, military airbases and area control centers.

More details:
www.rohde-schwarz.com/df-atc