ANSART
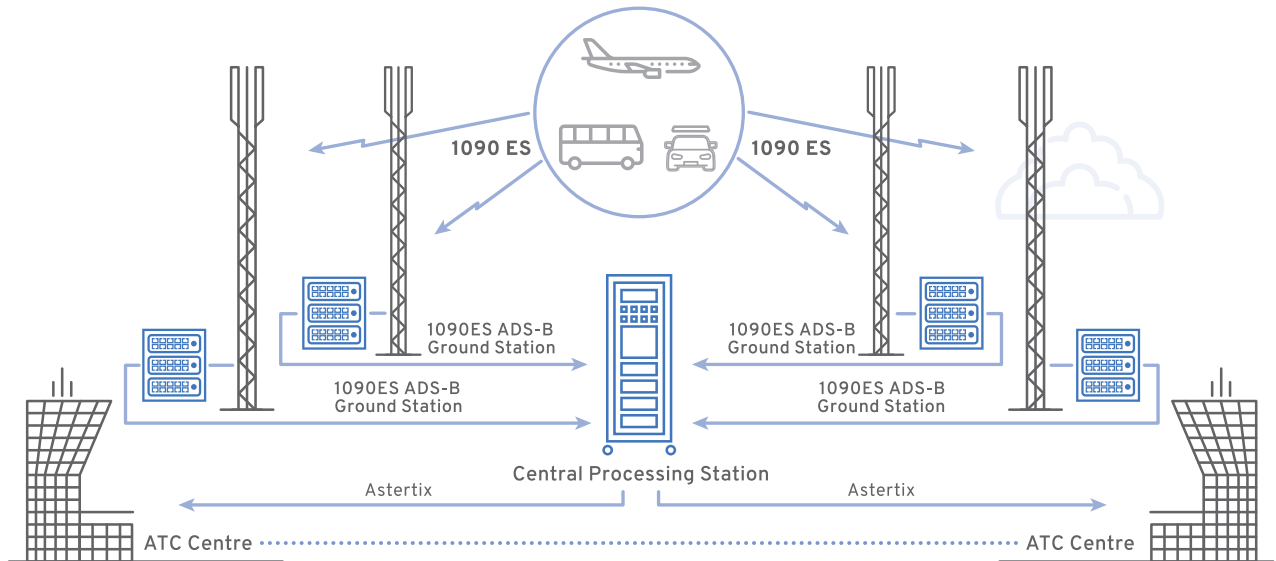
ADS-B GROUND SYSTEM

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ADS-B Ground Surveillance System is a scalable versatile cooperative solution intended to provide reliable surveillance data for the whole spectrum of airside applications:

En-route and terminal area Air Traffic Control (ATC)

Surface movement control (SMC/A-SMGCS)

Airport Vehicle Tracking System (VTS)

Airport Ground Movement Display (AGMD)

Mobile Traffic Situation Display (TSD)

Air Situation Display (ASD) for Mobile Tower

ADVANTAGES

- MLAT-ready ADS-B ground stations, that can be converted into MLAT/WAM system at any stage
- Combined ADS-B and Multilateration surveillance functions
- Very high data update rate compared to conventional radars
- Flexibility and scalability to tailor performance and surveillance functions to actual and future needs in a cost-efficient manner
- Field-proven coverage simulation software to ensure proper ground stations constellation and performance
- Wide use of COTS components
- Low life-cycle costs

FEATURES

- Full compliance with EuroCAE ED-102B and ED-129B Specifications
- Situational awareness by the presentation of electronic surveillance of high accuracy and integrity
- Time synchronization based on reference transmitter or GNSS
- Built-in recording and playback capabilities
- Single and dual (redundant) configurations
- Indoor and outdoor versions
- Fully remote and maintenance-free operation
- Robust system design to ensure high system availability
- Industrial-grade components to withstand extreme climatic conditions