

# ADS-B TECHNOLOGY

KEY COMPONENTS

## ADS-B ground station(s)

- *Maintenance-free compact design*
- *Power and data via single cable*
- *Stationary and portable options for rapid deployment*



## Vehicle ADS-B Transponder

- *Permanent and temporary installation versions*
- *Pulse & Spectral performance according to DO-260B/ED-102A*



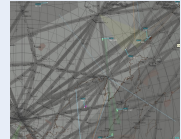
## In-vehicle traffic display

- *Situational awareness down to the driver level*
- *Addressed notifications and messaging*
- *Ground fleet tasks and mission management*



## Data Fusion

- *Multisensor data fusion to build a genuine single track*
- *Integration with existing surveillance sources*



## Conflict processor

- *Detection of conflicts in accordance with ICAO and Eurocontrol specifications*
- *Detection of user-defined events*
- *Smart Runway occupancy prediction and tracking*



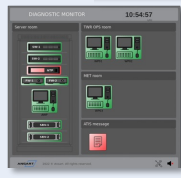
## Traffic Situation Display

- *Ground and air traffic, vehicles and aircraft on the same screen*
- *Custom layers with a detailed airport layout or airspace structure on top of geographical and satellite maps*



## Control and Monitoring System

- *Comprehensive Status monitoring of all components*
- *System configuration and management tool*



## Recording and Replay System

- *An integrated system of ATM-grade legal recording*
- *Source of data for big data analysis and operational efficiency measurement*

**ANSART**



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