

AVIONICS DATABASE SERVICE

DEMONSTRATOR

THALES



KEY CHARACTERISTICS

DBS: an Avionics Data Distribution Service

- Compliant with Avionics Certification
- Embedded on A653 CPM
- Data Exchange on A664 Network

TECHNOLOGIES

- Full A653 compliant service
- Client / Server pattern with Publish / Subscribe scheme
- Authenticated exchange with compression capabilities

OPERATIONAL SCENARIO

- Between FMS and AOF
- Remote access to shared A424 Navigation database
- Remote access to shared A816 Airport database
- Inflight Trajectory distribution

