



AX680

Automatic Dependant Surveillance-Broadcast System



- ▶ Modular, high performance ground station
- ▶ FAA approved
- ▶ High accuracy and refresh rate
- ▶ Efficient gap-filling surveillance
- ▶ Highly flexible solution
- ▶ Cost-effective surveillance solution in non-radar airspace
- ▶ Low life cycle costs

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OPERATIONAL FUNCTIONS

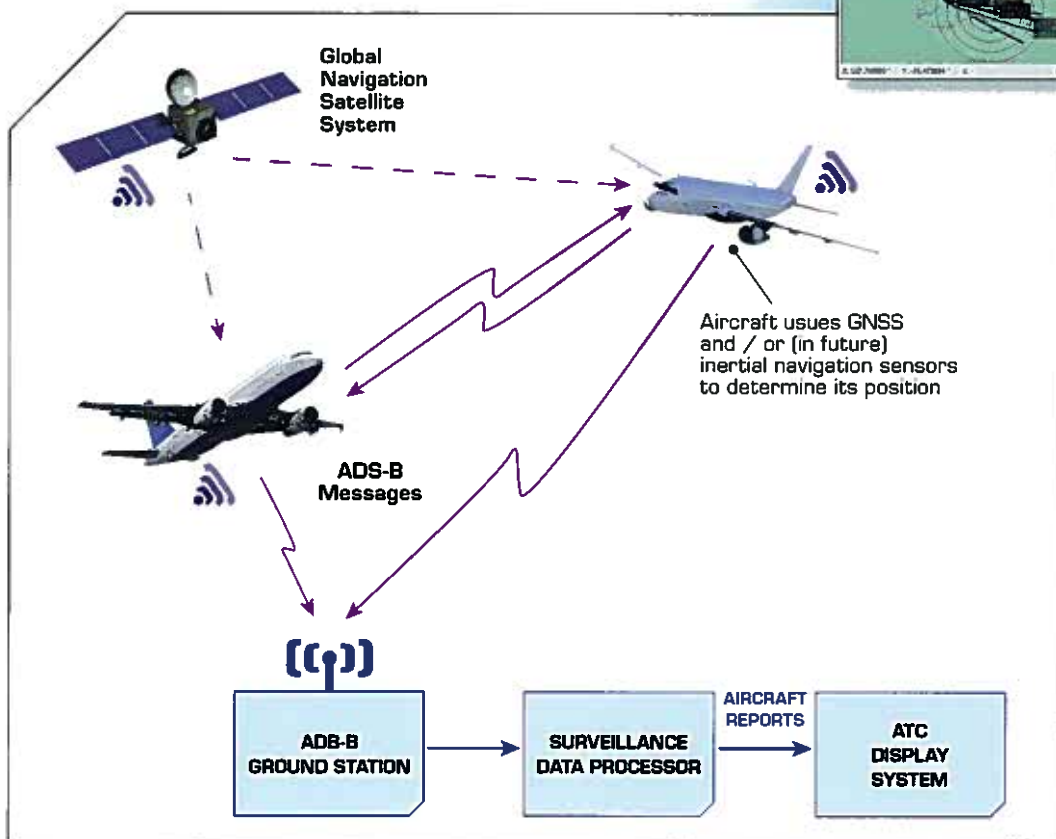
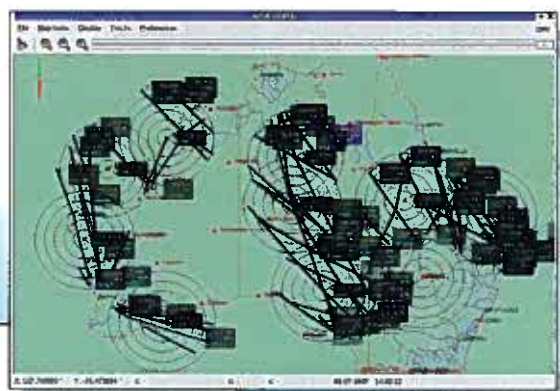
- Surveillance system for surface movement, terminal area and en-route control
- Coverage of up to 250 NM

EASE OF MAINTENANCE

- Low maintenance requirements
- Low life cycle costs

KEY FEATURES

- 1090 MHz Mode S Extended Squitter (1090 ES) datalink
- Supporting TIS-B and FIS-B broadcast services
- Universal Access Transceiver (UAT)
- Airport vehicle tracking and multilateration functions available
- Modular digital receiver with full degarbling, retriggering and error correction
- Single and dual configurations available
- Fully remote operation
- Security features
- Full multilateration feature support
- Compliant to ICAO Annex 10 and EUROCAE ED-102 RTCA DO-260/DO-260A



Thales - DE/11 - Technical characteristics are given for information and are subject to change without prior notice.