

Company Bulletins

A350 cabin integration

TechSAT, an industry leader in real-time avionics test and integration systems, has been selected by Airbus Germany to provide the test facilities for the A350 cabin integration and verification. The approach for the test facility takes into account the strategic business process optimization adopted by Airbus for the A350 program. Compared to previous programs like the A380, the focus of integration testing has shifted from testing individual systems to testing complete aircraft functions. This implies a highly integrated test facility capable of testing individual aircraft systems and also complete functions by clustering individual test benches into larger compounds.

The solution is based on TechSAT's established ADS2 system, an integrated generic and scalable hardware/software platform for real-time test and simulation applications, and already used by Airbus Germany for the A380 test facilities. Due to its modular design and its simple yet powerful mechanisms, ADS2 provides the flexibility to be adapted to the new requirements for the A350 test facility. A key element to the new strategy is the ADS2 Cluster Manager, a central supported database, graphical configuration, a control and monitoring environment, which tackles the complexity of configuring multiple system integration benches with several hundred systems under test into an integrated cluster. The technology is optimized for test and integration systems, which need to support flexible switching between simulation and real equipment.

For further information contact

Dieter Konnerth, TechSAT director of research and technology

Web: www.techsat.com

Email: dk@techsat.com

Tel: +49 8121 703 220

or go to online enquiry card 107