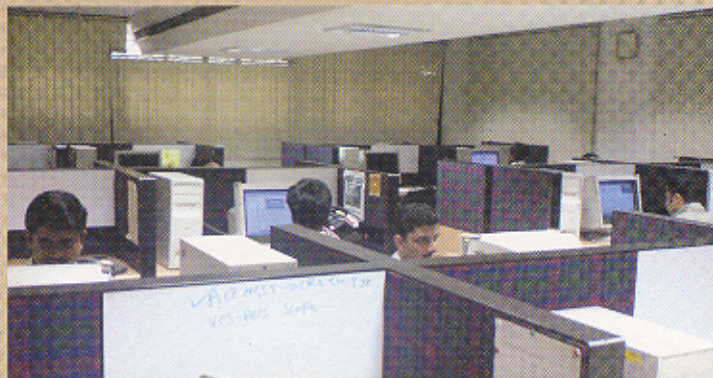# SOFTWARE DESIGN, DEVELOPMENT, VERIFICATION & VALIDATION OF REAL - TIME EMBEDDED SAFETY CRITICAL SYSTEMS FOR THE AEROSPACE INDUSTRY

AK Aerotek Software Centre Pvt Ltd

has been providing Embedded Software Solutions to major Aerospace Companies since 1999. We are located in the heart of Bangalore, the Silicon Valley of India.

Our highly professional engineers operate from two collocated state-of-the-art development centres.

Our Expertise

We offer end-to-end software solutions for Aircraft and Avionics Systems.

- Design and Development of Software for Real-Time Embedded Systems complying with RTCA/DO-178B
- Design Reviews and Code Inspection
- Verification and Validation
- System Test Rigs

Our Value Additions

- Cost Effective Software Solutions
- On Time Delivery of High Quality Software - Every Time
- Customer Data Security and Protection of IPR
- Effective use of time difference between India and the Western Hemisphere
- Long Term Relationship

Language Skills	Tools
Ada83	Code Composer
Ada95	AdaTest
Assembly	Cantata++
C, C++	LDRA
C#	RTRT
Matlab / Simulink	VectorCast
Visual Basic	Object Ada Raven
And more …	And more...

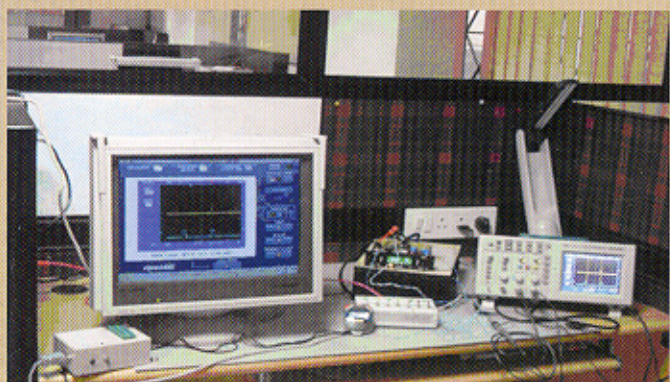WE ARE PROUD TO BE ASSOCIATED WITH SEVERAL A380 SYSTEMS DEVELOPMENT PROJECTS

From Our Project Portfolio

- Auto Rudder Trim Control System
- Air Data Computer System
- Cabin Pressure Control System
- FADEC System
- Engine Interface Power Management System
- Fire Protection System
- Ground and Test Equipment
- Ice and Snow Detection System
- Power Generation System
- Secondary Flight Display System
- Engine Vibration Monitoring Units

OUR CLIENTS SEE US AS A KEY SUPPORT AND STRATEGIC PARTNER

Aircraft That Fly Our Solutions

- Agusta 207
- Airbus A318
- Airbus A330
- Airbus A340-600
- Boeing B747
- Boeing B767
- Boeing B777
- Dassault Falcon 7x
- Embraer
- Gulfstream
- Pilatus

Pictures used are representative of aircraft that fly our solutions.