

Research Directions

Office of Research Services

FLYING HIGH

Dr Prem Samaranayake has received funding from **SAP America (Systems, Applications and Products in Data Processing)** one of the largest software companies in the world.

The project aims to develop for business a process-based integrated solution for the planning, control and execution of aircraft assembly and maintenance. Items such as materials, spare parts, assembly/disassembly operations concerned with heavy maintenance, line maintenance and aircraft configurations will all come under the rubric of this integrated solution.



“This collaborative research will focus on enhancing existing solutions for the maintenance, repair and overhaul of aircraft. It will enable simultaneous planning of all the resources involved in aircraft maintenance, repair and overhaul” Dr Samaranayake explained. “It will potentially provide a more effective and systematic means of forward planning, offer significant cost and time savings for airlines”.

Project title: *SAP Possibilities in the Airline Industry: Assembly/maintenance planning control and execution using SAP R/3 system.* Funding has been set at \$US45,371.

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