



For Immediate Release

Adacel and NASA Join Forces to Work on VAST Project
Adacel to contribute to NASA's VAST project with HLA technology

Orlando, Florida (December 17, 2003) – Adacel, the leading developer of simulation, voice recognition, operational air traffic management and software solutions for civil and military aviation, announced today that the Company is working with NASA to develop a network interface enhancement to connect the NASA FutureFlight Central (FFC) tower simulator with other simulation facilities such as the NASA Boeing 747 flight simulator, Vertical Motion Simulator and other facilities. Adacel will contribute to this VAST (Virtual Airspace Simulation Technology) project with an HLA (High Level Architecture) technology enhancement to the MaxSim tower simulation software found at the core of the FFC facility.

By incorporating Adacel's HLA with VAST, NASA will be able to link together simulated scenarios, where both flight simulator pilots and air traffic controllers interact within a virtual National Airspace System (NAS), to assess the safety and effectiveness of new airspace and air traffic management procedures. Adacel's latest contribution to the program will focus on the "Transfer of Ownership" component of HLA, and it will allow transfer of aircraft between the multiple simulation systems in the VAST environment.

"We are quite excited about this opportunity to join forces with NASA on this project", said Michael Asch, Adacel's Vice President Sales and Marketing. "The continuing partnership between Adacel and NASA will allow Adacel to increase its leading edge simulation capabilities while providing NASA with the tools and features necessary to evaluate the future NAS."

Adacel and NASA collaboration will establish a network architecture that will link multiple facilities together, e.g.: NASA's SimLab's flight simulators, the FutureFlight Central tower and SimLab's ATC Lab. Adacel's HLA capabilities will enable NASA to test the capabilities of the system to hand-off and transfer virtual aircraft from one domain to the next. This step is instrumental in evaluating new procedures and equipment that may aid controllers in a future more automated NAS. Ultimately, the network can be expanded to include other remote air traffic control and flight simulation facilities to increase the scope of the simulation environment.

"We're looking forward to acquiring and evaluating this new capability from Adacel", says Tom Edwards, Chief of the Aviation Systems Division at NASA Ames Research Center. "NASA's requirement for more fully integrated simulations stems from our research into the complex system-wide effects of parameters which influence the capacity and efficiency of the National Airspace System."

A VAST Interim Test in February 2004 at NASA Ames will test the new HLA components. According to Robert Jacobsen, Manager for NASA's Airspace Systems Program, "The VAST simulation in February will be a significant test of the new HLA functionality which will enable greater research of more complex aviation systems."

...more

About Adacel

Redefining the way people work, learn and live – Adacel is the leading developer of simulation, voice recognition, operational air traffic management and software solutions for civil and military aviation. From advanced simulation and voice recognition systems to training and professional services, Adacel's products can be found in more than 30 countries. Through its commitment to customer support and extensive research and development, Adacel is recognized as the leader in its chosen fields of Simulation and Software solutions, Air Traffic Management (ATM) systems and Professional Services (ASG).

Adacel Inc, and Adacel Systems, Inc. are subsidiaries of Adacel Technologies Limited (ASX: ADA). For more information, please visit www.adacelsystems.com

About NASA SimLabs

NASA Simulation Laboratories (SimLabs) are comprised of three major research and test facilities within Ames Research Center located at Moffett Field, California: the Crew Vehicle Systems Research Facility, FutureFlight Central and the Vertical Motion Simulator. The facilities are dedicated to projects in all aspects of aerospace vehicle and transportation systems, including airport ground operations, air traffic management, crew station issues, crew/vehicle interfaces, vehicle design, flight dynamics, and handling qualities. NASA SimLabs work with customers and research partners from government, industry and academia to meet the challenges of the future. Visit our website at www.simlabs.arc.nasa.gov.

-30-

Adacel Media Contact:

Beverly Wilks
Worldwide Manager, Marketing & Communications
Adacel
450-672-3888 x263
bwilks@adacelsystems.com

NASA Contact

Nancy Dorigi
Manager
NASA Future Flight Central
650-604-3258
ndorigi@arc.nasa.gov