

4.12.2013

SILKAN, RAAS and LTS announce partnership to develop VENOM™, UAV Flight Simulator

Orlando, FL, USA – December 4th, 2013

SILKAN, RAAS and LTS sign today a strategic partnership agreement targeting the production of VENOM™, an innovative simulation solution in the field of real-time UAV (Unmanned Aerial Vehicle) Flight Simulators. This solution will allow UAV pilot and payload operators to jointly train in a physically-accurate virtual environment avoiding the risks and constraints of a actual flight operations. The three partners have each a strong positioning in the area of Simulation. Through this partnership, SILKAN, LTS and RAAS will combine their complementary expertise, products and services in order to bring to the market a solution tuned to practical user needs.. Built on top of the SILKAN generic high-performance infrastructure, the solution will integrate RAAS advanced Aerodynamic flight models that allow for precise modeling of all aspects of UAS platforms

The VENOM™ product will feature a complete Ground Control Station (GCS) interface. LTS will empower the product with a companion mission library of dedicated, content rich scenarios addressing specific employment of UAV missions. Optionally, an Instructor Station can extend the self-training configuration resulting in a full spectrum simulation training suite for the Unmanned Aerial Systems (UAS) market with a comprehensive mission planning capability.

The VENOM™ product is able to simulate micro, small, medium and large UAV platforms used for surveillance missions. Various sensor payload simulation models can be integrated as payloads. These capacities make the solution ideally suited for training armed forces as well as civil security forces to learn how to integrate such a powerful asset in their operational procedures.

“Recent market study [from Teal Group's 2013] estimates that UAV spending will more than double over the next decade from current worldwide UAV expenditures of \$5.2 billion annually to \$11.6 billion, totaling just over \$89 billion in the next ten years. The UAV Simulator will revolutionize the Defence and Aerospace Market providing a new platform to rethink training,” said Pierre FIORINI, CEO, SILKAN. “The SILKAN-LTS-RAAS partnership enables our enterprises to seize this opportunity and is part of our ambition to create user-focused innovative simulation products for the Defense and Security Market. We think our joint technologies can produce a really differentiated product in this market.”

Stephane Roy, CEO, RAAS, said: *“Through this partnership, RAAS and SILKAN can provide customers with turn-key offerings that encompass solutions and services to enhance embedded training solutions. We will leverage the strengths and assets of our respective companies to bring the latest innovation to our customers.”*

Steven Jones, CEO, LTS, said: *“We are honored and very excited to be part of a world-class team of companies and professionals fully dedicated to providing a comprehensive UAV training solution that introduces revolutionary new capabilities supporting UAV Pilot and Payload Operator training! Our jointly-developed training products will enhance our customer’s ability to safely and effectively operate UAV platforms, as well as support the development of mission-specific employment tactics and procedures.”*

About SILKAN

SILKAN is the French Leader in Embedded Simulation. SILKAN integrates first-rate Technologies in Simulation solutions to support the Design, Tests, Optimization and use of Complex Systems. Our added value solutions are addressing successfully: Optimized Numerical Simulation solutions that reduce Time to Market, Innovative Test and Simulation capabilities that save overall costs reduce delays and increase safety, High fidelity and cost-efficient solutions for training simulators. SILKAN GROUP represents 73 employees, 4.6M€ of revenue 2012, and worldwide locations: FRANCE (Headquarter in Paris area), USA, and CANADA. SILKAN GROUP is certified following ISO 9001 Standard). More information: www.silkan.com

About RAAS

RAAS provides expert Modeling, Simulation and Avionics test bed solutions for the civil and military aerospace markets. Engineering and consulting services provided by RAAS include development of aerodynamic models for aircraft and UAVs simulation, aerodynamic models for the control of missile systems, hardware and software integration of flight simulator components and modules, development of modular testing environments for avionics systems, with support for DO-178C certification, and more

About LTS

LTS provides a unique blend of training services and capabilities focused primarily on the effective employment and safe operation of Unmanned Aerial Systems (UAS). Our expertise includes designing mission-specific training materials and high-fidelity, content-rich scenarios that enhance an organization's overall effectiveness in the employment of Unmanned Systems supporting Military, Law Enforcement, Border Protection, Disaster Response, Emergency Management, and Utility Monitoring / Inspection operations.

Press contact:

SILKAN
Karine JACQ
+1 514 998 18 42
com@silkan.com