



Trade Press Release

CAE and Rockwell Collins join forces to develop integrated Live, Virtual, Constructive training solutions

- **Companies to demonstrate integrated LVC-enabled capabilities at I/ITSEC 2017**

Orlando, Florida, USA, November 27, 2017 – Today at the Interservice/Industry Training, Simulation and Education Conference (I/ITSEC), CAE and Rockwell Collins announced a collaborative agreement to develop integrated Live, Virtual, Constructive (LVC) training solutions.

During I/ITSEC, CAE (Booth #1734) and Rockwell Collins (Booth #2201) will conduct several demonstrations of an integrated mission training exercise using fully connected, LVC training elements. A live-flying LVC-enabled L-29 aircraft, operated by the University of Iowa's Operator Performance Laboratory (OPL), will be networked with a variety of virtual simulators and constructive forces to demonstrate an integrated, joint, multi-dimensional mission training environment.

The live, real-time LVC training exercises will take place at I/ITSEC at the following times:

- Tues., Nov. 28 - 12:30 to 1:15 p.m. and 2 to 2:45 p.m.
- Wed., Nov. 29 - 12:30 to 1:15 p.m. and 2 to 2:45 p.m.

Virtual participants in the demonstration will include blue force F/A-18 aircraft simulators as well an E-2 aerial surveillance platform operated in the Rockwell Collins booth, networked to Naval Combat System Simulators (NCSS) and remotely piloted aircraft (RPA) desktop trainers running in the CAE booth. A variety of constructive elements representing enemy and friendly forces will be injected into the live and virtual training systems for the demonstration of immersive LVC training capabilities. Both CAE and Rockwell Collins will jointly conduct distributed command and control tasks during the exercise.

"Integrated live, virtual, constructive training is becoming more critical as defense forces look to cost-effectively maintain readiness and prepare for operational missions," said Gene Colabattisto, group president, Defense & Security for CAE. "As a training systems integrator, we are focused on supporting our customers' training and readiness requirements and recognize that cooperation and collaboration will be necessary to deliver integrated LVC training capabilities."

"As a recognized leader in aerospace solutions providing avionics for live assets and integrated virtual training systems and products, we'll be able to provide solutions to make LVC-enabled training more routine without boundaries, ultimately resulting in our military customers achieving optimal mission readiness," said Nick Gibbs, vice president and general manager of Simulation & Training Solutions at Rockwell Collins.

The demonstration at I/ITSEC will showcase how synthetic environments built on different database standards can be correlated and interoperate as part of an integrated LVC training exercise. This includes the use of synthetic data onto the Rockwell Collins L-29 pilots' integrated Helmet Mounted Display (HMD). CAE and Rockwell Collins will also utilize the Distributed Interactive Simulation (DIS) and High-Level Architecture (HLA) industry standard networking protocols to link LVC assets.

About CAE

CAE's Defense & Security business unit focuses on helping prepare our customers to develop and maintain the highest levels of mission readiness. We are a world-class training systems integrator offering a comprehensive portfolio of training centers, training services and simulation products across the air, land, naval and public safety market segments. We serve our global defense and security customers through regional operations in Canada; the United States/Latin America; Europe/Africa; and Asia-Pacific/Middle East, all of which leverage the full breadth of CAE's capabilities, technologies and solutions.

CAE is a global leader in training for the civil aviation, defense and security, and healthcare markets. Backed by a 70-year record of industry firsts, we continue to help define global training standards with our innovative virtual-to-live training solutions to make flying safer, maintain defense force readiness and enhance patient safety. We have the broadest global presence in the industry, with over 8,500 employees, 160 sites and training locations in over 35 countries. Each year, we train more than 120,000 civil and defence crewmembers and thousands of healthcare professionals worldwide. www.cae.com

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About Rockwell Collins

Rockwell Collins (NYSE: COL) is a leader in aviation and high-integrity solutions for commercial and military customers around the world. Every day we help pilots safely and reliably navigate to the far corners of the earth; keep warfighters aware and informed in battle; deliver millions of messages for airlines and airports; and help passengers stay connected and comfortable throughout their journey. As experts in flight deck avionics, cabin electronics, cabin interiors, information management, mission communications, and simulation and training, we offer a comprehensive portfolio of products and services that can transform our customers' futures. To find out more, please visit www.rockwellcollins.com.

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