



Acron Develops Threat Simulator for Defence Research and Development Canada

April 11, 2008, Ottawa, ON: Acron Capability Engineering announced today that the company recently completed the delivery of a reconfigurable “threat entity” simulator to Defence Research and Development Canada (DRDC) Toronto.

This particular simulator solution was developed using the Microsoft® ESP™ visual simulation platform along with Acron’s HLA IEEE 1516 interface now known as Acron SimX. The system combines a helicopter and a fast jet simulator on a laptop computer to provide changeable “enemy” threats.

This simulator is initially being used to provide threats to a C130 Hercules Observer Trainer. As part of the simulation, Acron developed basic air-to-air guided and unguided missiles and effects as well as cannons and flares. These objects and interactions are also published on the simulation network through the Acron SimX product.

John Nicol, CEO of Acron described the development of the simulator as a significant one for the company. “The value and the strength of this simulator is that it was developed very quickly using the new Microsoft ESP platform and it operates through an HLA interface which allows it to connect to the existing simulators in use by the Department of National Defence.”

About Acron

Acron specializes in Information Exchange applications for Command and Control systems and develops Modeling, Simulation and Games technology in Canada and overseas.

The Acron InfoX Information Exchange Architecture allows government and non-Government organizations to communicate and exchange information collaboratively. The company provides a full range of services in the three main areas of Live, Virtual and Constructive Simulation and Serious Games. Acron has technical staff that constructs stand-alone or distributed modeling and simulation assets using our own tools, or other commercial tools and can also provide management staff for projects at many different levels. The company has facilities in Ottawa (Ontario), Gatineau (Quebec) and Fredericton, (New Brunswick.) www.acroneng.com

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For more information:

Defence R&D Canada Toronto (DRDC Toronto) is one of seven research centres within the national organization, Defence R&D Canada, an agency of the Department of National Defence responding to the scientific and technological needs of the Canadian Forces.

DRDC Toronto is Canada's centre of excellence for human effectiveness science and technology in the defence and national security environment. Using a systems-based approach, the centre covers all aspects of human performance and effectiveness, including individual and team performance, human-technology interaction and the influence of culture on operational effectiveness. DRDC Toronto also supports the operational needs of the CF through research, advice, test and evaluation, and training in the undersea and aerospace environments.

For information: Shaun Markey smarkey@acroneng.com 613-728-9951