

Aviation tools for healthcare training

CAE to provide simulation-based training

CAE has signed contracts and alliances in simulation-based healthcare training. The contracts, which have an initial total value of approximately \$5 million, are with the Michener Institute for Applied Health Sciences in Toronto, the Université de Montréal and the Winnipeg Regional Health Authority.

Robert E. Brown, president and CEO of CAE, said the aviation simulation-based training model is becoming universally recognized as an effective way to prepare healthcare professionals to care for patients and respond to critical situations while reducing the overall risk to patients. He added that CAE has already applied its technology and capabilities developed for the civil aviation and military markets to public safety and emergency response, and that healthcare simulation is a natural extension of this know-how.

CAE estimates the global market for simulation-based healthcare training will be more than \$1.5 billion by 2012. CAE's healthcare services will range from providing simulation-based training solutions to managing simulation-based training centres.

The contract with the Michener Institute for Applied Health Sciences is for collaboration on establishing a healthcare simulation training centre. The new centre will be located in the Michener Institute's facility in Toronto, and will be named the CAE-Michener Centre for the Advancement of Simulation in Healthcare. When fully operational, the centre is expected to train more than 1,500 students and healthcare practitioners per year.

The Université de Montréal and CAE have signed a collaboration agreement to co-develop courses for the university's new state-of-the-art simulation-based training centre. The university and CAE will develop simulation-based crisis resource management (CRM) team training, designed to improve inter-professional team work. Under this agreement, CAE will also offer training to third parties. The new Université de Montréal simulation centre will be operational this summer and will train medical students and practising healthcare professionals.

CAE also signed a contract with the Winnipeg Regional Health Authority to deliver simulation-based courseware solutions that will be used to improve key life-saving procedures within the region, including how cardiac arrest is handled in hospitals as well as new safety procedures for paediatric transport.

Based in Montreal, CAE is a leader in providing simulation and modelling technologies and integrated training solutions for the civil aviation industry and defence forces around the world.

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