



CMLabs Begins Work on a New Turnkey Training Simulator

CMLabs has been selected to develop a lattice boom crane operator training simulator for the Operating Engineers Training Institute of Ontario (OETIO).

January 4, 2008, Montreal, Canada – CMLabs' Vortex physics engine will be the basis of the heavy equipment simulator to be delivered in spring of 2008. This contract follows the successful delivery of both mobile and tower crane training simulators to OETIO over the past two years. Due to the success of those two implementations, OETIO has asked CMLabs to develop this third operator training simulator.

Vortex permits realistic, real-time, interactive 3D representation of vehicles in contact with terrain and other objects. CMLabs has incorporated the technology into a series of state-of-the-art heavy equipment simulators, designed to create simulated environments with a high degree of realism in order to expose operators to rare and unsafe situations and to train for emergency procedures.

Using a simulator to train for noisy, dirty operations involving pile driving and drag-lining in an urban environment has clear advantages in terms of time, cost and throughput. "The opportunity to train in an effective simulation significantly increases the hours of hands-on experience our students acquire in a safe, controlled, realistic, and responsive environment," OETIO Director Gerry Hughes said.

CMLabs' long-standing success in providing physics simulation development toolkits and specialized engineering services was key to the OETIO selecting CMLabs' Vortex-based solution. Founded in 1982, the OETIO is an internationally recognized leader in heavy equipment operator training.

About CMLabs

CMLabs provides specialized physics-based behavior modeling for real-time simulation. CMLabs' combination of professional services and innovative software tools enable developers to create high-fidelity interactive applications. CMLabs' commercial-off-the-shelf (COTS) product Vortex is the leading development platform for modeling physics-based vehicles, machines and robots. Vortex is used by applications developers to build physically accurate motion models and interactive behaviors for demanding industrial applications such as training, virtual reality, and robotics and general visualization. For more information, please visit CMLabs on the web at www.cm-labs.com or contact Chris Funk at chris.funk@cm-labs.com.