

Canadian Innovation Award for New Product Design & Commercialization

Winner: Mechtronix Systems Inc.



Photo Left to right: Louis Dufour, Vice President, Finance, Mechtronix Systems Inc., Joaquim Frazao, Vice President, Mechtronix Systems Inc., Hon. Perrin Beatty, President & CEO, Canadian Manufacturers & Exporters.

Mechtronix Systems Inc.

See a need – fulfill the need. That is what Mechtronix Systems Incorporated of St-Laurent, Québec did.

Smaller airlines couldn't afford expensive flight training devices or full-flight simulators for pilot training. Mechtronix used intelligent machine technology and a unique blend of electronics and software to create the Ascent FFS X™ full-flight

simulator. The technology is affordable for smaller airlines allowing them to complete most basic pilot training and all recurrent pilot training in-house.

The idea took root in the research and development laboratory at Concordia University when students received an assignment to create a flight simulator using new microprocessor technology. The students completed the assignment and then went on to found Mechtionix Systems Inc., now one of the world's fastest growing providers of flight simulators.

For filling a very focused need with a high value, strong quality product, Mechtronix Incorporated received the award for **New Product Design and Commercialization** at the Canadian Innovation Awards.