

EDGEWATER ANNOUNCES EVALUATION KIT FOR EXTENDED 1553™

Ottawa, December 1st, 2007 - Edgewater Computer Systems, Inc., provider of advanced computer and communications technology products and embedded computing applications, announces the availability of an easy, out-of-the-box evaluation kit (EVK) for its Extended 1553™ (E1553™) technology. The EVK provides systems integrators with a comprehensive set of resources, including all necessary hardware and software, to validate the benefits of expanded MIL-STD-1553 capability.

Equipped with lap tops, Line Replaceable Units (LRUs) and a data bus, the EVK operates on existing 1553 systems and provides options for variable bandwidth configurations enabling users to configure Extended 1553 to their system bandwidth requirements.

“The E1553 Evaluation Kit is designed to provide customers with the capacity to evaluate the performance of E1553 while concurrently operating with legacy MIL-STD-1553B on the same wiring without disturbance or interruption”, explains Greg Fielding, V.P of Marketing for Edgewater Computer Systems. *“Customers can test error rate performance, high-speed communications, robustness to noise, and throughput to substantiate the opportunity for next-generation system integration using existing avionics networking infrastructure.”*

The EVK provides the user the means to evaluate E1553 quickly by “overlaying” E1553 over existing standard 1553 cables, stubs and terminators. It is comprised of two units – each equipped with a representative Edgewater Xi Channel™ E1553 Interface Card and single board computer (acting as the host processor) both mounted in a chassis.

Key Features & Benefits

Designed to be evaluated in a software integration laboratory, the hardware components of the E1553 EVK are conduction cooled and ruggedized and therefore may be suitable for entry into an integration phase for later deployment in an operational environment.

Completely customizable, the E1553 EVK includes:

- 6U VME or cPCI Chassis
- Single Board Computer (SBC) running VxWorks
- 1553 standard bus connectors
- Two laptops and all necessary cables
- EVK Application Software
- Demonstration applications (High speed Video and “Fast-Load”)
- Applicable software licenses
- E1553 Monitoring tool
- E1553 Metrics Collection
- User Documentation
- Data connections via a 100baseT Ethernet and two 1553 connections (channel A filters and channel B filterless)
- 100 ft 1553 data bus, 20 ft stubs, cables, and 4 bus couplers and terminations
- 4 Sideband Suppression Filters

Edgewater provides full technical support for the EVK, as required, to support set-up, configuration, and technical inquiries so that customers have an opportunity to evaluate deployment scenarios; measure E1553 characterization on customer platforms and develop integration roadmaps for upcoming or future platform programs.

Pricing and Availability

For more information about Edgewater's E1553 EVK, please contact Chris Garrick at +1.613.271.1101 extension 3061. Extended 1553 Evaluation Kits can be available 16 weeks from ordering.

About Edgewater

Edgewater Computer Systems Inc. is a privately-held provider of advanced computer and communications technology products for enterprise and embedded computing applications. Founded in 1988, Edgewater has an extensive background developing real-time high-performance multiprocessor systems for military, government, and commercial organizations. The company currently has two distinct product lines: multi-channel wireless communications and wired data communications. For more information, please visit www.edgewater.ca.

MEDIA RELATIONS CONTACT:

Valarie Vasku
Marketing & Market Communications Manager
Edgewater Computer Systems, Inc.
valariev@edgewater.ca
Tel: 613.271.1101