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IA CHANNEL TRACKER PROVIDES HD UPGRADE FOR OLDER CMS SYSTEMS

Fiber Optic Audio Video Distribution System (AVDS)

Redmond, WA USA May 12, 2011 -- Innovative Advantage completes testing on aircraft of Channel Tracker for High Definition (HD) upgrade of older CMS system.

“Everyone is asking if there is a way to upgrade their customer’s aircraft to HD without tearing up the interior and putting in a brand new system,” said Richard Morris, President. “The test onboard a real aircraft with an existing CMS system was flawless. It was impressive to see the new Blu-Ray video mix in seamlessly using existing switch panels.”

The Channel Tracker card fits in one slot of the AVDS node and was connected to the existing CMS/video switch. The existing video sources and a new Blu-ray player were connected to the AVDS video inputs and 3 new HD monitors to the AVDS outputs. Shortly after getting access to the aircraft, power was applied to the entertainment system.

When DVD was selected at each location with video control the HD Blu-ray was routed to the associated monitor. Likewise when Map was selected, the HD (VGA) signal was routed. There were no modifications to the existing CMS system. The AVDS followed the video selections via the Channel Tracker card.

The Channel Tracker card outputs test signals to the existing video switch and then monitors the outputs to determine which source has been selected. The AVDS is then configured as a slave and follows the source selection.

AVDS provides HD AV switching over fiber optics around the aircraft cabin. 1080P, HD-SDI, DVI-D, Component, Composite and VGA signals are supported. Digital Audio, Dolby® Digital, DTS™ Pass-through and analog audio supported. In addition Gigabit Ethernet is available around network.

Uncompromised video is available at every monitor on the aircraft. AVDS distributed network provides unsurpassed video quality using a fault tolerant network and eliminates single point failure. Fiber Optic connections mean less wiring, less weight and no compression artifacts or lip sync issues.

Innovative Advantage manufactures and designs high definition audio/video distribution systems for business aviation. Our expertise with digital Video and Audio, Networking and fiber optics provides state of the art solutions for Inflight Entertainment (IFE) and Cabin Management Systems (CMS). Find out more at <http://www.In-Advantage.com>.

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