Visit Artel Video Systems at the 2011 NAB Show, Booth N6129

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For Immediate Release

Artel Video Systems Adds Video-Over-IP Gateway at the 2011 NAB Show

WESTFORD, Mass. — April 11, 2011 — Artel Video Systems, a leading provider of video transport-over-fiber solutions, today announced the release of the DLC410 Video-Over-IP Gateway, the newest addition to the company's flagship DL4000 arsenal. The DLC410 is a DVB-ASI and SD-SDI-over-IP gateway enabling the transport of two bidirectional video streams across a single Gigabit ethernet IP connection. The new DLC410 marks the first availability of a video-over-IP gateway for the DL4000 platform, representing a natural progression for Artel after years of leadership providing broadcast-quality video-over-fiber transport products.

The DLC410 greatly expands the DL4000 platform capabilities to include standards-based video-over-IP transport for both DVB-ASI and SD-SDI formats. Carefully designed and based on SMPTE 2022 standards for encapsulation and forward error correction (FEC), the DLC410 enables up to four channels of SDI and ASI video streams to be reliably transported across managed IP networks and is ideally suited for multicasting applications.

"The module's low cost, reliability, and rich feature-set make it an ideal solution for CATV operators and video service providers with intercity video connectivity requirements," said Richard Dellacanonica, president of Artel Video Systems. "Up until very recently, IP connectivity wasn't reliable enough for the critical contribution applications our products support. Now that IP backbones are more robust and a SMPTE standard has been developed, this new IP gateway makes sense for our customers."

More...

The gateway allows two independent video channels in each direction to be transported over a single Gig-E connection. SDI video is transported in its entirety, including all ancillary data, and ASI video streams from less than 20 Mb/s to over 200 Mb/s are supported. The forward error correction enables the recovery of lost, errored, or delayed IP packets and can withstand burst outages in excess of 15 milliseconds. The SMPTE 2022 standard, which Artel helped to develop, eliminates some of the chief fears and/or complaints about reliable IP transport of SDI and ASI.

The DLC410 is simple and intuitive to configure and offers access to IP networks through convenient, rear-accessible, field-replaceable small form-factor pluggable (SFP) transceivers either optically in WDM, CWDM, and DWDM wavelengths or electrically via an RJ-45 SFP.

The DLC410 will be on display in the Artel Video Systems booth N6129 at the 2011 NAB Show. More information on the product and Artel Video Systems is available at www.artel.com.

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About Artel Video Systems (www.artel.com)
Artel Video Systems develops, manufactures, and markets high-performance, broadcast-quality video transport hardware for critical applications and is a recognized leader in video-over-fiber optics applications. Since its founding in 1981, Artel solutions have been selected by some of the largest telecommunication companies, video service providers, cable TV operators, and broadcasters for critical contribution, backhaul, and local access applications that require the highest levels of flexibility, dependability, and ease of deployment.

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