



# Society of Motion Picture & Television Engineers

## New York Section Meeting Notice

February 2007

### Implementing 3 Gb/s Data Rates in Routing and Video Systems (SMPTE 424M)

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DATE: **Tuesday**, February 13, 2007

5:30 PM Refreshments and Social Hour

6:30 PM Technical Presentation

LOCATION: VCA Fusion

370 Seventh Avenue (Between 30-31 Streets) Suite 550

Telephone: (212) 967-4400

SUBWAY:

Subway(1,2,3,9,A,C,E) to Penn Station / 34th Street

### ••• PROGRAM •••

Presenters:

#### **Randy Hall, Senior Systems Engineer for NVISION, Inc.**

Randy is has been with NVISION since 1998. He is responsible for systems engineering of new customer projects and as technical interface with customers. Prior to NVISION, he worked for Grass Valley Group for 22 years. Randy graduated in 1976 from Rochester Institute of Technology with a degree in Electrical Engineering Technology. When not working, you may find him on the amateur radio bands, K7AGE.

#### **Implementing 3 Gb/s data rates**

SMPTE 424 supports 1080P video formats and uses 3 Gb/s video transport. Now is the time to start thinking about a 3 Gb/s plant. NVISION will cover some of the aspects of implementing 3 Gb/s data rates in their video routing products and systems. What exists beyond 3 Gb/s?

#### **Gareth Heywood, Senior Product Definition Specialist for Gennum**

Gareth is responsible for semiconductor devices for serial data transport, image processing, and analog/digital A/V interfaces. Gareth graduated with a Bachelor of Engineering in Electrical and Electronic Engineering from the University of Bradford, UK, and has spent over 14 years in the music, audio, broadcast and film production industries. With experience in cinema sound, video systems, editing, telecine and colour correction, Gareth has worked at Dolby UK, Sony Europe, and Northwest Imaging & FX (Canada). Gareth regularly contributes to SMPTE and Gennum's standardization activities.

#### **3G: The Evolution of SDI**

This presentation will detail the new SMPTE standards, 424M for the physical interface and 425M for the signal mapping of 3Gb/s SDI signals. These standards provide the broadcaster with the option of using traditional copper/coax infrastructures for the transport of the 1080P 60 and 1080P 50 image formats. The implementation of this interface with existing infrastructure shall also be discussed.

Updated 01-23-2007

**If you are not a member of SMPTE ask for a membership application at the meeting or go to SMPTE.org Has your Email address changed? Please contact SMPTE to remain current.**

**Meeting notices and Section information can be found on the internet at <http://www.smpteny.org>**

**Please post this notice on your company bulletin board.**