VSF VIDEO SERVICES FORUM

Enabling Media Networking Solutions

The Video Services Forum, Inc. is an international association comprised of service providers, users and manufacturers dedicated to interoperability, quality metrics and education for media networking technologies. The VSF was founded in 1997, and currently has 85 member companies.

The organization's activities include but are not limited to:

- Providing forums to identify issues involving the development, deployment, operation, and security of media networking technologies
- Promoting interoperability by contributing towards the development of standards
- Founding Member of the Joint Task-Force Networked Media (JT-NM) with AMWA, EBU, & SMPTE

The following SMPTE standards were created as a result of VSF Activity Group work:

- 2022-1: FEC for CBR MPEG2 TS over IP
- 2022-2: Encapsulation of CBR MPEG2 TS to IP
- 2022-3: Piecewise Constant VBR MPEG-2 TS over IP Networks
- 2022-4: Non-piecewise Constant VBR MPEG-2 TS over IP Networks
- 2022-5: FEC for High Bit Rate Media Transport
- 2022-6: Mapping of High Bit Rate Media Transport over IP Networks
- 2022-7: Seamless Protection Switching of SMPTE ST 2022 IP Datagrams
- ST 2110 (10, 20, 21 & 30) Standards for Professional Media Over Managed IP Networks

Become a VSF Member and receive:

- Access to past meeting proceedings (VidTrans, May & October Meetings)
- Access to our online searchable resource library dating back to 1998
- Access to your industry peers
- Right to vote on important issues
- Discount off VidTrans Booth Rental Fees
- Ability to participate in Activity Groups

For more information about VSF Membership, contact Bob Ruhl (bob.ruhl1@verizon.net) or check the VSF website "vsf.tv"

Current VSF Activities include:

R.I.S.T. is a VSF effort to define and promote an interoperable standard for the transport of live video content in real time at low latency over unmanaged networks, including the public Internet.

Currently there are many successful solutions available to achieve this goal but they are manufacturer-specific and they do not interoperate. This project intends to develop and publish a method for unrelated manufacturers' solutions to interoperate and advance this technology towards its full potential.

JPEG 2000 ULTRA LOW LATENCY

J2K ULL is a VSF effort to expand on the work done on JPEG 2000 system interoperability pioneered in VSF TR-01. This project will create a mode of compressed video transport that is suitable for use within media production facilities. Lower latency results in shorter end-to-end system delays and reduced input buffer requirements.