Video Services Forum, Inc.
News Letter

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Issue #: 2017 – 1

This is the twentieth issue of the Video Services Forum (VSF) News Letter. The VSF Board feels it is important to keep you informed about what is going on within the VSF.

VSF Directors and Officers:

The current Board is shown below with their term expiration dates. VSF Board Members are elected by VSF Members during the annual VidTrans Conference and Exposition.

Director	Company	Term Expires
John Mailhot	Imagine Communications	2018
Steve Storozum	Level 3 Communications	2018
Emory Strilkauskas	ESPN	2018
Larry Sugarman	Verizon	2018
Rick Ackermans	MVA Broadcast Consulting	2019
Scott Beckett	AT&T	2019
John Dale	Media Links	2019
Andy Rayner	Nevion	2019

The following VSF Officers were elected by the VSF Board for two-year terms, which expire February 2019.

President	Richard Friedel	FOX	2019
Vice President	Carl Ostrom	System Resource	2019
Secretary/Treasurer	Jack Douglass	PacketStorm Comm.	2019

VSF Member List can be viewed at:
http://vsf.tv/current_members.shtml

VSF Staff:

Brad Gilmer – Gilmer & Associates, VSF Executive Director
Bob Ruhl – VSF Operations Manager

Upcoming Meetings & Events:

The VSF October 2017 Meeting Series *will be held on October 3 & 4 at PBS, Arlington, VA, USA.* Registration is open at http://vsf.tv/upcoming_events/2017-10_MtgSeries-ArlingtonVA/index.shtml.

VidTrans2018 Annual Technical Conference and Exposition *will be held February 27 – March 1, 2018, at the Marina del Rey Marriott, Los Angeles, CA, USA.*   Registration will be open in mid-October.

Joint Task-Force Networked Media update:

The Joint-Task Force - Networked Media (JT-NM) was formed to foster discussion among subject-matter experts, and to drive the development of an interoperable network-based infrastructure for live media production, encompassing file-based workflows. It brings together broadcasters, manufacturers, standards bodies and trade associations. The JT-NM participants consist of the Advanced Media Workflow Association (AMWA), the European Broadcasting Union (EBU), the Society of Motion Picture and Television Engineers (SMPTE) and the Video Services Forum (VSF).

In April, 2017 the JT-NM revised the Reference Architecture (RA) document. This document shows the standards and specifications that will enable the RA. It further documents how the range of underlying technologies is expected to evolve and when the standards and specifications will be widely available to build interoperable multi-vendor systems.

The current JT-NM RA document and the JT-NM Roadmap are available here:
http://www.jt-nm.org/

Activity Group Updates

Activity Groups (AG) supply input and expertise to various industry standards bodies on behalf of the VSF. These are some of the topics that VSF Activity Groups are actively addressing:

Interop Activity Group

The Interop Activity Group will be hosting the VSF sponsored JT-NM IP Showcase Pre-staging Event at Fox NE&O in The Woodlands Texas from August 14, 2017 to August 18, 2017. This event is a prerequisite for participating in the IBC 2017 IP Showcase in Amsterdam, from September 15, 2017 to September 19, 201t, Room E106.

For additional info on the IBC 2017 IP Showcase please go to:
http://videoservicesforum.org/resources/pr_20170731.shtml

Chair: Jack Douglass, PacketStorm

SVIP (Studio Video over IP) Activity Group

The SVIP Activity Group was formed April 17, 2014 and tasked to develop or recommend a standard for Video over IP without SDI encapsulation. This activity group issued Technical Recommendation (TR-03) on October 19, 2015 entitled "Transport of Uncompressed Elementary Stream Media over IP". Work continues in the SMPTE 32NF-60 Drafting Group to complete SMPTE ST 2110.

The SVIP group was asked to define 2110 Profiles and Levels for Increased Vendor-to-Vendor Interoperability during April, 2017 via a document received from the Alliance for IP Media Solutions (AIMS) Technical Working Group. The main purpose of the request is to define appropriate feature profiles and performance levels for receivers implementing SMPTE ST 2110-20. Currently there are many possible profiles and levels defined in the Standard. This makes it very difficult for a vendor to clearly specify what a compliant receiver can accept. Correspondingly, this also makes it difficult for a customer to unambiguously state what they require from vendor equipment.

Chair: Mike Bany, DVBLink, Inc.

J2K Activity Group

Current work in the J2K Activity Group considers bidirectional, interactive applications that require specific optimizations for low system latency, as well as real-time transport of high end film and television production video formats. Another future goal may be to define interoperable profiles for real time streaming of JPEG2000 video wrapped in MXF with audio and ancillary data, and encapsulated in IP.

The J2K Activity Group is liaising with Digital Video Broadcasting (DVB) & EBU in order to create recommendations that are aligned with ongoing work on J2K over MPEG2TS within these groups. Work on the J2K ULL documents continues, but has been slow because of limited availability of the contributors. However, the work is still progressing.

Chair: John Dale III, Media Links

Reliable Internet Stream Transport "RIST" Activity Group

The RIST project was launched specifically to address the lack of compatibility between devices, and to define a set of interoperability points through the use of existing or new standards and recommendations. Started in the spring of 2017, the group is working towards publishing a technical recommendation in 2018.

Co-Chairs: Rick Ackermans, MVA Broadcast Consulting, Wes Simpson, Telecom Product Consulting

To learn more about these and other VSF Activity Groups please visit: http://www.videoservicesforum.org/about/index.htm.

A **Presentations Database** was established during the 2Q2014. This database is provided as a tool to VSF members to easily locate past presentations. Use the sort and search features to find presentations by topic, presenter name, etc... http://www.videoservicesforum.org/presentations/index.shtml

Summary:

That's it for now. If you have any comments or suggestions, or if there is a topic that you would like to see covered in the next issue of the News Letter, please contact Bob Ruhl at **bob.ruhl1@verizon.net**.