DANMON NEWSLETTER

DANMON ASIA

Danmon Asia is pleased to launch our monthly News in an attempt to introduce some of the latest equipment and solutions for our customers operating in Broadcasting, Pro Audio, Telecom and AV Industry in Vietnam.

Our May Newsletter is focused on the new updates of products and solutions from our manufacturers after the world-recognised recent NAB Show 2019. These include Editshare, Ross Video, Sennheiser, Tascam, Phabrix and AJA. All these brands are well-organised all over the world and are well used and praised by Vietnamese customers for clearly improving the daily-work efficiency for both organisations and individuals.

Our marketing in this time frame was our attendance at **NAB 2019** and our **Editshare seminar** in Hanoi and Hochiminh City in the last month of May.

The list of our suppliers is as below:

AJA:
www.aja.com

AMX:
www.amx.com

EditShare:
www.editshare.com

Exir Broadcasting:
www.exirbroadcasting.com

Genelec:
www.genelec.com

Guntermann & Drunck:
www.gdsys.de

K-Array:
www.k-array.com

Neumann:
www.neumann.com

NTP Technology:
www.ntp.dk

Phabrix:
www.phabrix.com

Ross Video:
www.rossvideo.com

Rycote:
www.rycote.com

Sencore:
www.sencore.com

Sennheiser:
www.sennheiser.com

Studer:
www.studer.com

Tascam:
www.tascam.com

TC Electronic:
www.tcelectronic.com

Trilogy:
www.trilogycomms.com

Yamaha:
www.vn.yamaha.com

Yellowtec:
www.yellowtec.com

EDITSHARE

Launched at IBC 2016, **Flow Story** is the first in a new generation of content creation applications for collaborative and remote workflows. Therefore, we would like to introduce this powerful function in this May Newsletter.

Flow Story

With a heritage steeped in non-linear editing and **end-to-end** video workflows for broadcast and media, EditShare has utilised the engine of
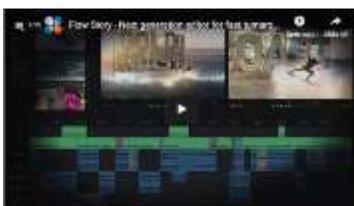
DANMON ASIA

the award-winning Lightworks editor to create Flow Story, a powerful and intuitive editorial application. Unlike traditional NLEs, Flow Story provides remote and secure access to on-premise stored media directly through any internet connection. With full integration with EditShare storage, MAM and video server solutions, Flow Story is aimed at fast turnaround environments such as News and Sports providing journalists and production teams the ability to package content for finishing, delivery or playout. No extra fees or upload times for additional 'cloud' storage; just amazing content delivered in a fraction of the time, anywhere in the world.

Feature highlights are listed as below:

Wide Format Support

Flow Story supports hundreds of formats, from professional broadcast codecs such as ProRes, DNxHD, AVC-Intra and XDCAM, through to 4K and beyond, such as RED R3D, XAVC, Cinema DNG and DPX

Voice Over
Adding a voice over to your timeline is easy. Simply select the position you want to start, and press record. Flow Story auto-detects and enables any connected audio input device. You can then have your voice-over (and any other local media) uploaded to your main site from any remote location.

Edit While Capture
Flow Story's unique 'Edit While Capture' allows any format (including Long GOP) to be accessed during recording with EditShare Flow MAM or Geevs Ingest servers. This is ideal for fast turnaround environments such as Live Events and Sports highlights

Real time collaboration
When connected to any Editshare Flow Database, Flow Story has real time collaboration with other Flow users, such as Flow Browse and AirFlow. Projects, Clips, Sequences, Markers and Metadata are all updated and synchronised in real time, opening up endless possibilities for creative collaboration.

NLE Integration
Flow Story has a strong integrated workflow with other NLEs (and DAWs) such as Avid Media Composer®, Adobe Premiere®, Da Vinci Resolve® and Avid ProTools®. This enables Flow Story to be the perfect creative hub for anyone that needs to collaborate with editors.

Work Offline
Flow Story is built with remote editing in mind. Whilst you only need a regular internet connection to access your content, clearly it is not always possible. Flow Story can work in a standalone mode – for accessing Flow projects that you have already been working on, or for working on local projects.

Integrated Creative Resources
Need high quality video content to complete your project? Pond 5 provides the largest library of royalty-free HD and 4k stock video directly into Flow Story. Search for content, trial in the timeline including effects, and then simply purchase at the resolution you need. Watch the video

For audio inspiration browse the incredible selection of Audio Network music direct from within Flow Story.

DANMON NEWSLETTER

DANMON ASIA

Editshare Seminar in Hanoi and Hochiminh City

It turned out a great success for our recent EditShare Seminar on shared storage, Media Asset Management, Ingest and Playout solutions for Vietnamese broadcasters and media organisations that was co-hosted by Danmon Asia and EditShare in Hanoi and Hochiminh City between 14 and 17 May 2019.

Image

The event attracted a great attention of approximately 100 people from various backgrounds but in related industry from both organisational and individual enterprises or both partners and end-users. Those who are policy and content managers, engineers, technology consultants, partners, end-users, etc. all share a common opinion that shared storage with built-in MAM feature is a highly increasing demand to deal with such a great amount of content being created on the daily basis.

This year's Editshare Seminar was no different from that of previous years but merely concentrated on vivid and moderate combination between technology presentation and demonstration. The content was to update new features after NAB 2019 including updates on Big system, Storage, Flow Production Asset Management, QScan, Channel-in-a-box solution, IP & 4K video, Adobe workflow. Specifically, the Complex Workflow and Censorship Workflow are considered ideal tools to facilitate heads of media organisations to check their contents easily and efficiently. What's more is Auditing feature that has gained world-wide appreciation for securing the loss of data which is becoming a main concern for both large and small organisations.

Among the highlights of the event was showcasing of some workflows of similar broadcasters that are well-fit with central and local television stations in Vietnam. These workflows enable stations to optimize their existing infrastructure to integrate with Editshare storage solution for future expansion.

Therefore, among current technologies on the market, Editshare tends to weigh more thanks to its open platform and intuition in an attempt to support customers technically and economically.

Danmon Asia's Managing Director – Mr. Bjarne Pedersen said: "Editshare is getting a more recognized brand internationally and locally. About 20 broadcasters and media organisations in Vietnam have opted Editshare and all showed satisfaction after using its solution. This Seminar was to help our existing customers to update more new features, at the same time to answer to every question raised by them to give spontaneous advice to ease their daily works. In this perspective, Editshare is very much customized despite being an international brand."

Seminar ended in applause for bringing about information and added values to participants. Danmon Asia as Editshare's exclusive distributor in Vietnam understand that we are always at the right side with our customers and partners to give them best possible advice on technology solutions that fit in with their demand and budget.

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Ross' Routers provide a compact and powerful combination of routing, multi-viewers, audio processing, and control. Danmon Asia as Ross's Master Distributor in Vietnamese market would like to introduce some **Router series** in this monthly Newsletter

Ultrix

Ultrix takes on analog to IP, with signals from 270 Mb/s to 12Gb/s to be offer most advanced routing platform in the world.

The **award-winning** Ultrix 12G Router is the ultimate routing, multiviewer, and signal processing platform for Studios, OB Vans, and Flypacks. As the only software defined platform, customers realize significant cost, space, and power efficiencies with unparalleled flexibility and agility, especially relative to competitive hybrid routers.

Ultritouch

A revolutionary, high-end, remote control solution designed to provide a world class "out of box" experience for the entire Ross product portfolio

Ultritouch is an **adaptable** system control panel with monitoring capabilities. The panel is a shallow 2RU rack-mountable touchscreen powered by SmartTouch™, which blends intuitive smartphone-like functionality with the customization power of DashBoard's PanelBuilder™. Ultritouch adds a powerful new router control & monitoring option to Ross Video's award-winning Ultrix plus a growing portfolio of licensable applications. Out-of-the-box, Ultritouch also includes DashBoard Connect™ control of various other Ross Video products.

Ultricore

Realize **significant** cost, space, and power efficiencies with unparalleled flexibility and agility,

especially relative to competitive hybrid routers.

Ultricool

Smart, directional 1RU rack mount cooling system to compliment equipment thermal performance when in extreme conditions or in confined spaces.

NK

NK Series Routers are available in sizes ranging from 16×4 to 144×144.

The NK Series routing family is a cost effective, high performance routing platform for Studios, OB Vans, and Flypacks. NK Series is compact, robust, and simple to use. With a variety of frame sizes and format choices NK routers excel in providing high quality routing in a cost-effective manner.

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Danmon Asia as AJA's authorized distributor in Vietnam would like to introduce HELO equipment for streaming and recording applications for broadcasters throughout the country.

HELO
Stream, Record, Deliver H.264 at the Touch of a Button

HELO is AJA's **powerful** H.264 streaming and recording stand-alone appliance. HELO brings both SDI and HDMI I/O into a single appliance with the ability to simultaneously stream out to your Content Delivery Network (CDN) as well as encode and record beautiful H.264 files to either SD, SDHC or SDXC cards, USB storage or NFS or CIFS mounted network based storage simultaneously.

Some technical highlights are:

· Portable, stand-alone 3G-SDI and HDMI source inputs
· Encode up to 1080p 60 in H.264/MPEG-4
· 2-Channel stero audio encoded up to 24-bit 48kHz
· Data rates from 32kbps to 256kbps in MPEG-4
· Record to SD, SDHC or SDXC cards, USB storage, NFS or CIFS
· USB Slot and SD card slot
· Video input and output 3G-SDI, SMPTE-259/292/296/424, 10-bit, Single Link 4:2:2, 4:4:4, BNC and HDMI
· Support for RTP/RTSP, RTMP and Unicast
· AV Mute with user graphics upload support for pre-live feeds

· Error logging for quick analysis of streaming issues

Other key features also including the below significances:

Conveniently connected:

Workflow

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SENNHEISER

Sennheiser is getting more and more recognized due to its **high-quality** and **durable** solutions for both professional and individual users. In this May Newsletter, Danmon would like to introduce TeamConnect Ceiling 2 microphone for conferences and meetings.

TeamConnect Ceiling 2

Raise your meetings to a **higher level** with TeamConnect Ceiling 2. Whether conferencing, collaborating or presenting: The perfected version of the popular ceiling microphone TeamConnect Ceiling makes meetings with remote participants an unprecedented experience.

Some Technical Data are as below:
· Dimensions: 590 x 590 x 43 mm
· Microphone: 28 x Sennheiser KE10 pre-polarized condenser capsule
· Sound pressure level (SPL): max. 104 dB SPL
· Weight: 5670 g (12.5 lbs)
· Audio output: 1 x 3-pin terminals (Phoenix contact

· MCVW 1.5-3-ST-3.81); 2 x Digital Dante Network Audio (RJ45)
· Dynamic range: 93 dB(A)

Benefits & Features:
· Speak freely
· Everything under control
· Perfect integration
· Easy to install
· DDM Ready

Some application models for the solutions are as follows:

In this room, TeamConnect Ceiling 2 is connected to a video codec. It increases the microphone pick up range up to 60m2 while allowing free positioning within. Connection is done easily via analog output.

A typical corporate application scenario with three different use-cases of TeamConnect Ceiling 2: Collaboration, Presentation and video conferencing.

Here, TeamConnect Ceiling 2 is being used as an extender microphone for a collaboration screen. The dynamic beamforming allows for flexible usage of the complete space and collaboration with remote participants.

In a nutshell, clear speech intelligibility has become an **essential** part of modern work

DANMON ASIA

styles, especially when conferencing with remote

participants. Unlike other ceiling microphones on the market or device-integrated microphone solutions like those in laptops,

TeamConnect Ceiling 2's unmistakable technology transmits your voice crystal clear to remote participants as if they were on the spot.

PHABRIX

PHABRIX, a worldwide leader in test and measurement solutions, recently highlighted the leading SMPTE ST 2110 test and measurement capabilities available in its Qx IPrasterizer and handheld Sx TAG IP solutions. Both products are 'JT-NM Tested'† as end points to provide customers with a trusted reference for solutions that conform to SMPTE standards. In this Monthly Newsletter, Danmon Asia as Phabrix's sole distributor in Vietnam would like to present these new capabilities.

SMPTE ST 2110 test and measurement capabilities

Qx IP – Hybrid IP/SDI Analysis and Monitoring Rasterizers for

SMPTE ST 2110, 2022-7 and 2022-6

Qx IP is the world's first fully flexible rasterizer for hybrid IP/SDI analysis, and video/audio monitoring, for environments that require 4K/UHD (12G/6G/3G-SDI), HD-SDI as well as SMPTE ST 2110, ST 2022-7, ST 2059 (PTP), AMWA NMOS* and ST 2022-6 formats.

Its feature set provides ST 2059 (PTP), de-capsulation of 1 video, 2 audio and 1 ANC Data flows with support for ST 2110-20 (Uncompressed Video), -30 (PCM Digital Audio), -31 (AES3 Transparent transport) and -40 (ANC Data). ST 2022-7 seamless protection is provided for all four flows over two media network interfaces.

Audio reception conforms to 2110-30 Class C with support for 48Khz streams from 1 to 8 channels at packet times of 1ms and 1 to 64 channels at packet times of 125us. Fast PTP locking time is provided, with a 1PPS GPI output and real time indication of PTP estimated phase offset. The core 2110 IP toolset also provides indication of the timing relationship of each of the eight 2022-7 flows to PTP with

status information, as well as a 2022-7 status tool that reports the health and relative timing skew of each 2022-7 pair.

Sx TAG IP – Portable Hybrid IP/SDI SMPTE ST 2110 and ST 2022-6 Generation, Analysis and Monitoring

"JT-NM-Tested" Sx TAG IP handheld instrument was also demonstrated recently, providing comprehensive support for modern broadcast IP systems with encapsulation and decapsulation of ST 2110-20/30/40 with IP to SDI gateway, ST 2059 PTP, AMWA NMOS IS-04/IS-05, as well as ST 2022-6.

Offering exceptional mobility in an easy to use and portable format, the Sx TAG IP offers a built-in synchronizer that allows asynchronous SDI sources to be locked to PTP for ST 2110 encapsulation. In addition, analog sync pulses locked to PTP can be generated from a de-capsulated ST 2110 PTP locked source.

PHABRIX's Managing Director, Phillip Adams, said, "As technological advances continue

DANMON ASIA

apace throughout the industry, it can be challenging for broadcasters to keep up and comply with all the

various, and growing, list of standards. As a leading provider in ST 2110 test and measurement

solutions, PHABRIX aims to eliminate this pressure for customers and help them maintain standards compliance."

TASCAM

In this May Newsletter, Danmon Asia as Tascam's authorized distributor in Vietnam would like to introduce the Newly announced TASCAM Video Streaming and Recording Solutions on Display Video

VS-R264 / VS-R265

New TASCAM VS Series VS-R264 and VS-R265 AV over IP streaming video encoder and decoder:

The VS-R264 provides Full HD streams using H.264 GOP encoding with bit rates up to 30mbps; the VS-R265, on the other hand, uses High Efficiency Video Coding (HEVC), a high efficiency coding scheme that delivers H.264 video quality at half the bit rate.

Both models are designed to offer **simultaneous** encoding, recording, streaming and decoding of multiple

video streams in 4K/UHD streaming (3840x2160; VS-R265) and HD streaming (1920x1080; VS-R264) at

a low bit rate over standard networks suitable for 100Mbps or 1Gbps.

The VS-R264 and VS-R265 AV over IP streaming encoder and decoder appliances fit comfortably in a wide range of HD and UHD live video streaming applications and commercial AV installations, including corporate, healthcare/medical, government, education and house of worship settings.

The new –and already buzzing- video streamer/recorders VS-R264 and VS-R265 will be official launched as early as June 2019. For further details, please contact Danmon Asia via email: info@danmonasia.com

THE END