Spec Sheet
Avid® workflow option for Rohde & Schwarz DVS's VENICE

Rohde & Schwarz DVS's VENICE enables efficient workflows with Avid ISIS® and Avid Interplay®

With the Avid® workflow option, Rohde & Schwarz DVS's VENICE enables fast and convenient workflows with Avid's shared storage ISIS® and the production asset management Interplay®.

The R&S DVS solution offers a server appliance connected to the VENICE base system and enables direct signal ingest via HD-SDI. Up to four channels can be ingested in parallel together with simultaneous proxy file generation.

All comprehensive standard features of VENICE such as VTR control and batch capturing are also available. Metadata can be added to media files easily.

The transcoding mode can convert all media supported by VENICE directly into the Avid® editing environment, such as Apple QuickTime® with ProRes 422, MPEG-2 program streams or even uncompressed file sequences. In addition to the signal ingest, the Avid® workflow option provides the operator with the ability to ingest file-based media from Panasonic's P2, Sony's XDCAM®, and Ikegami's GFCAM via simple drag-and-drop operations from

Spycer®. All files are immediately checked in into Interplay® and will be ready for editing on a connected Avid Media Composer® within seconds.

All ingest operations support edit-while-write, meaning the operator can start editing immediately, regardless of whether the source is an SDI signal, a P2, XDCAM® or GFCAM media or an uncompressed file sequence.

The new outgest functionality facilitates the fast outgest of clips and sequences from Avid ISIS® and Interplay® for immediate playout and file distribution. Sequences containing a variety of audio and video clips are intelligently stitched together using enhanced transwrapping technology to ensure rapid transfer and immediate playout — especially helpful for covering breaking news.

Key features of the Avid® workflow option for R&S DVS's VENICE

Hardware
ı Compact 1U server appliance

ı 10 Gbit/s Ethernet connectors for media and metadata transfer

ı USB 3.0 connectors for media drives

ı Windows® 7 Professional

ı Optional DLC license needed for file ingest on VENICE, SpycerBox and DVS-SAN

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Signal ingest with VENICE

▪ (HD-)SDI: 480i, 576i, 720p, 1080i, 1080p

▪ 23.98, 24, 25, 29.97 Hz (8 and 10 bit)

▪ Up to four channels in parallel

▪ Supported codecs:

· DV 25 Mbps

· DVCPRO® 25, 50 Mbps

· DVCPRO® HD 100 Mbps

· AVC-Intra 50, 100 Mbps

· XDCAM® IMX 30, 40, 50 Mbps

· XDCAM® EX 35 Mbps

· XDCAM® HD 18, 25, 35, 50 Mbps

· DNxHD® 36, 60, 90, 115, 120, 175, 185, 220 Mbps

Currently Supported Avid® hard- and software

(August 2013, updated regularly, other versions on request)

▪ Avid ISIS® 5000 (versions 3.1, 3.2, 3,5, 4.2)

▪ Avid ISIS® 7000 (versions 3.1, 3.2, 3.5, 4.2)

▪ Avid Interplay® (version 2.3, 2.4, 2.5)

▪ Avid ISIS® Client (version 3.2.0.355, 3.5, 4.2)

▪ Avid Interplay® web services (version 2.3.1, 2.5)

▪ Avid Media Composer® (versions 5.5, 6.0 and 6.5)

File ingest with Spycer®

▪ High-speed ingest of tapeless media

▪ Supported codecs of Sony XDCAM®:

· DV25 Mbps

· XDCAM® IMX 30, 40, 50 Mbps

· XDCAM®EX 35 Mbps

· XDCAM® HD 18, 25, 35, 50 Mbps

▪ Supported codecs of Panasonic® P2:

· DV 25 Mbps

· DVCPRO® 25, 50 Mbps

· DVCPRO® HD

· AVC-Intra 50, 100 Mbps

▪ Supported codecs of Ikegami GFCAM:

· MPEG-2 SD

· MPEG-2 HD

File ingest via VENICE's transcoding mode

▪ Direct high-speed transcoding of non-Avid compliant files to Avid ISIS®/ Interplay®

▪ Supported formats (excerpt):

· Apple® QuickTime® with ProRes 422 and 444 (LT, HQ)

· Panasonic AVC-Intra Class 200

· Single-frame sequences:

· DPX, TGA, TIFF, BMP

· MPEG-2 PS

· GXF
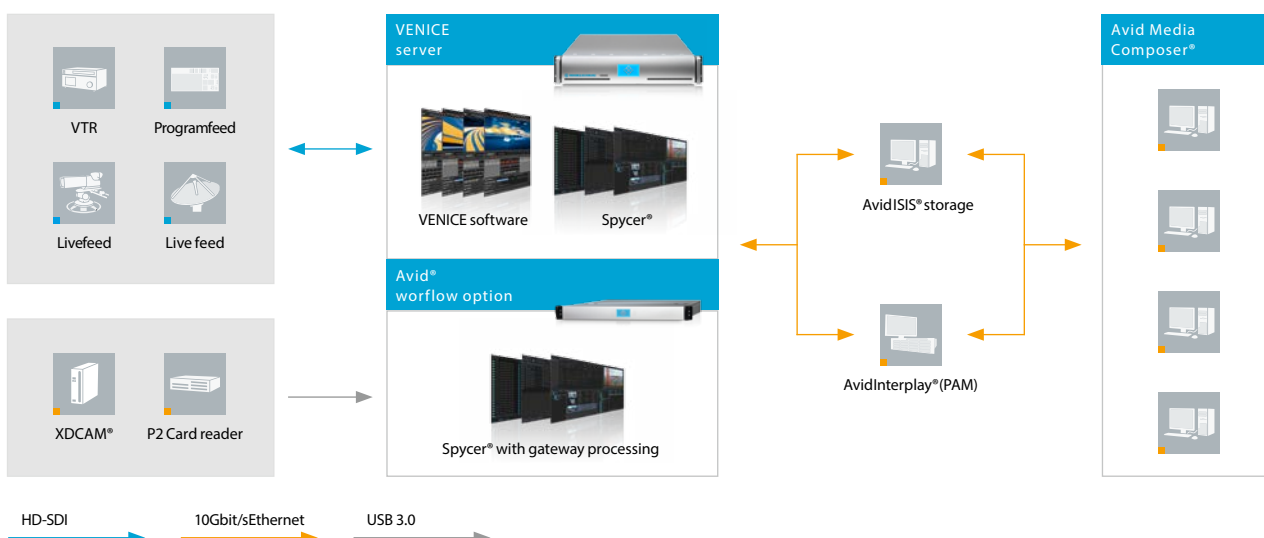
About Rohde & Schwarz DVS

For more than 25 years, Rohde & Schwarz DVS GmbH has been very successful in the professional film, video post production and broadcast markets. The specially developed and manufactured hardware and software are applied to the production of popular TV series, Hollywood blockbusters and in Digital Cinema. R&S®CLIPSTER was the first system in the world to make real-time 4K processing possible. The future-proof ingest and production server R&S®VENICE offers a flexible solution for modern, file-based workflows in broadcast environments.

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