ARAMYST

NVERZION

The World's Only Fully Automated, File-Based, Syndicated Content Acquisition, Prep, and Playout System.

Our value proposition is simple: cut time and reduce operator errors by 95%. Instead of taking two hours to transfer a one hour show, ARAMYST will do it in ten minutes.

NVerzion's breakthrough product, ARAMYST eliminates file transcoding, the need for low resolution proxies, manual segmenting, manual trimming, manual renaming for traffic, eliminates a third party software/hardware keyer for inserting local bugs, and most importantly, eliminates operator error. You'll never have to run an "evergreen" segment again because the operator didn't finish preparation work.

SYNDICATION TO AIR IN TEN MINUTES FLAT!

Syndicated content playout has evolved beyond complex schemes of transcoding, transferring, manual editing, and segmenting, into to a simple, one box automated solution.

ARAMYST is a one-of-a-kind file based acquisition, prep, and playout system, merged with advanced automation and built in quality control. At the heart of this system is a four channel NFinity broadcast video server, ready to playout any major video file in its native format.

ARAMYST builds on this solid platform with an automated method to prepare syndicated television programs at an individual station while handling editing features such as squeezed credits and multi-barter overrides. In addition, it provides a quick and efficient method to perform quality control without the need for additional video server ports or low resolution proxies.

ARAMYST interfaces with the content delivery system, using meta-data to determine when and where media is to be delivered, making a physical cut sheet and manually set "timings" unnecessary.

ARAMYST uses configurable rules to acquire and organize content according to the traffic system's naming convention. It knows when to transfer content, when to delete, and automatically segments and prepares media for the air.

ARAMYST can automatically schedule station bug insertion, ensuring that it goes on during programming and turns off five seconds before and during barter segments.

NVerzion has been designing automation systems for the broadcast industry for over 30 years. This product is the culmination of years of experience, spent engineering to our customer's requirements, in finding a cost-effective solution to the most challenging problem a station faces today.

- **An hour long program ready for air in just ten minutes!**

  This revolutionary new process saves your station time and money.

- **ARAMYST can connect to any existing Automation System**

  With industry standard VDCP communication, ARAMYST can be integrated into your existing Master Control environment as an extension or as a dedicated syndicated content playout device.

- **A comprehensive ruleset**

  Allows stations to overwrite some barter segments and not others, according to the contract with the content provider.

- **Find opportunities for bonus revenue**

  Overwrite credits, and add an additional local commercial into a squeeze credit.

- **ARAMYST uses NFinityView**

  NFinityView is a windows-based Prep Tool that allows you to preview video directly from the server without tying up extra video ports. It allows you to edit segments, trim points, and add bugs in an easy to use graphical display.

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VIDEO SERVER SPECIFICATIONS

VIDEO

- Max # SD / HD Video Channels per Server
  - 1 input x 3 output, 2 input x 2 output, or 4 output configuration
- Inputs/Outputs
  - 75 Ω SD-SDI (SMPTE 259M) and HD-SDI (SMPTE 292M)
- SD Format Support
  - 525/29.97 NTSC, 625/25 PAL
- HD Format Support
  - 720p 50, 720p 59.94, 720p 60, 1080p 25, 1080PsF 29.97, 1080PsF 30, 1080p 30, 1080i 50, 1080i 59.94
- Codecs
  - SD-MPEG2 and HD-MPEG 2, SD-MPEG4 and HD-MPEG4, H.264, DV NTSC, DVCAM, and DVCPRO
- SD/HD Scaling
  - Up and down conversion to selected output
- Cross Conversion
  - 720p to 1080i (including full screen and pillar box). 1080i to 720p, and configurable cropping on video capture or video playback
- Digital File Support
  - FFMPEG (MPEG-2, MPEG-4)
  - MOV, MPG, MP4, MXF, GXF, LXF, DV, TS

AUDIO

- Embedded Audio Channels
  - 16 channels per input and output, embedded in SD and HD
- Audio Sampling
  - Television standard sample rate of 48kHz at 24 bit
- Codecs
  - Uncompressed PCM Audio, Advanced Audio Coding (AAC), MPEG Audio

BRANDING

- Branding & Graphics
  - Up to 8 independent layers
- Graphics Formats
  - PNG, JPG, TIFF, GIF, BMP, ICO, and others
- Simple animation
  - Supports elementary animation such as crawl bugs, text, banners and animated gif
- Dynamic end-to-end playout
  - Overlay graphics and commercial insertion

REFERENCE

- Sync Input
  - Blackburst in SD, 720p 50, 720p 59.94, 1080i 50, and 1080i 59.94 formats or Tri-Sync in HD format

ANCILLARY DATA

- VANC
  - VANC triggers, capture and playback in the AFD standard using up to 3 lines of video in file - HD RP188
- Closed Captioning
  - EIA-608/708 and CEA- 608/708

STORAGE

- Local Storage
  - Standard 7.2 TB @ RAID-5
- Network Attached Storage
  - 35-152 TB @ RAID 6, with unlimited expandability

AUTOMATION SUPPORT

- Server Serial Control
  - Universal VDCP via SMPTE RS-422 or RS-232
- Server Ethernet Control
  - Universal VDCP over IP
- Graphics Serial Control
  - Universal VDCP via SMPTE RS-422 or RS-232
- Graphics Ethernet Control
  - Universal VDCP over IP

MISCELLANEOUS

- Optional EAS
  - emergency alert system support
- Optional GPI control
  - Provides 8-GPI /8-GPO functions for triggering downstream devices and/or external playlist interactions (Play, Stop, Cue etc.)
- Multi-format playout
  - Supports all popular video and audio formats
- CPU
  - Intel® i7 Six Core
- Power
  - Dual low profile redundant power supply, 650W
- Cooling
  - Redundant fans
- Network
  - Triple GigE NICs
- RAM
  - 32 GB DDR4 2400 Mhz un-buffered DIMM
- Internal Operating System Drive
  - 250 GB M.2 onboard
- Operating System
  - Microsoft Windows®10 Pro 64-Bit
- Dimensions
  - 5.25" H X 17.5"W X 27.5" D
- Weight
  - 70 lbs (default configuration)

World-class support, 24 hours a day, 7 days a week, 365 days a year