

ON-AIR ASIA SWEEPS THE INGEST AND PLAYOUT SERVERS MARKET

For the time in Asia, On-Air Asia is highlighting the Genesis VideoServer by Stryme and the Cuba HDP playout server by Pace Media at BroadcastAsia2015.

Genesis VideoServer comes with studio playout, 24/7 playout automation, automated insertions of overlay graphics, CG, GPI and router support, integrated media asset management (MAM), traffic management, as well as automated gapfilling. Genesis VideoServer is designed and built to offer easy integration into existing infrastructures and processes.

The system is powered by a Matrox 4-in 4-out I/O card with real-time effects and runs on an internal storage based on SAS 15K drives. It is also equipped with Transfer manager, which allows two-way data transfer between local and shared storage.

The integrated ingest function includes signal and video format detection and allows automated recording via scheduled ingest, loop recording, or crash recording. It also supports simultaneous edit and ingest, and supports control via GPI. The system offers an optional selection of predefined profiles for global broadcast video standards, including RDD9, XDCAM HD, P2 HD, HDV, D10, DVCAM, Apple ProRes and Avid DNxHD, among others.

The Genesis product range also features the NewsEdit module — an easy-to-use add-on for the studio playout designed to

meet the needs of a fast turn-around newsroom workflow. NewsEdit is equipped with a user-friendly interface, and minimises time to air with its “on the fly rendering” function.

Meanwhile, the Cuba HDP — a 24/7 channel-in-a-box playout system — combines video playout, on-air graphics, playlist management and transfer management in a single server solution.

The playout server handles SD/HD/4K UHD workflows; integrates live feeds from SDI or UDP; external triggers such as GPI events, as well as real-time graphics from simple channel branding to complex designs such as corner logos, lower thirds and tickers that update from RSS feeds, XML data sources and remote databases.

Besides SDI output up to 4K UHD, Cuba HDP comes optional with an H.264 encoder and closed-caption subtitle generator which allows the delivery of UDP and ASI feeds directly from the playout server.

The Cuba HDP also features a web-based Playout Management option, enabling operators to plan and import playlists, monitor playout servers and manipulate the rundown, as well as granting them control over an unlimited number of playout servers, regardless of the



▲ Stryme’s Genesis VideoServer features ingest, edit while ingest, studio playout, playout automation, as well as traffic management.

servers’ location across the globe.

The Cuba Playout Management tools offer remote control and management of playlists and servers, allowing the operation of decentralised playout centres around the world.

The Cuba HDP supports major broadcast video file containers and codecs, including DV, DV Stream, DVCam, HDV, DVCPRO25/50, DVCPRO HD, IMX 30/40/50, XDCAM HD 422, Avid DNxHD, Quicktime Apple ProRes codecs, H.264, MPEG-4MXF OP1a and uncompressed video in either 8- or 10-bit.

Both the Genesis VideoServer and Cuba HDP playout server are qualified by DDP’s award-winning Ethernet-based SAN (Storage Area Network) and can be found at the Dynamic Drive Pool (DDP) booth 5A5-09, together with the FocalPoint Server, a PAM (Project Asset Management) solution that automates file management and organises workflow.

Designed with a simple, intuitive user interface, the FocalPoint Server serves a new way to create, version, track and search for projects, graphics and documents. It offers users consistent file naming enforced through drop-down menus, error-free versioning, as well as status notifications for instantaneous communication and efficient workflows. More information on these products can be found on www.on-air.asia.



▲ Cuba HDP is a 24/7 channel-in-a-box playout system that combines video playout, on-air graphics, playlist and transfer management in a single server.