EVS INTEGRATING WITH PEBBLE BEACH SYSTEMS
INTRODUCTION ........................................................................................................................................... 4
WORKFLOW DESCRIPTION .......................................................................................................................... 4
PEBBLE BEACH SYSTEMS REQUESTS TO IPDIRECT ................................................................................ 4
PEBBLE BEACH SYSTEMS CONTROLS THE XT3 SERVER .......................................................................... 4
CLIP NOT EXISTING ON XS/XT SERVERS BUT ON THE IPDIRECTOR NEARLINE ...................................... 5
CLIP NOT EXISTING ON XS/XT SERVERS BUT ON AN ARCHIVE .................................................................. 5
SOFTWARE DESCRIPTION .......................................................................................................................... 6
INTRODUCTION

EVS continues to expand its production workflow capabilities with the new integration between its content production management software, IPDirector, its XT/XS series production servers and Pebble Beach Systems automation. Thanks to the IPDirector API and the VDCP protocol support by the XT3 server, full communication between the two worlds is now a reality.

This integration now enables Pebble Beach Systems to control the channels of the XT/XS series servers (up to 8 playout channels) and to playout all the clips referenced in IPDirector DataBase.

In future, Pebble Beach Systems plans to support the Linx API directly for controlling playout from the XT3.

WORKFLOW DESCRIPTION

PEBBLE BEACH SYSTEMS REQUESTS TO IPDIRECTOR

When Pebble Beach Systems automation system receives a playlist to launch from a NRCS system, it requests the VarID of the clips composing that playlist to IPDirector through the IPDirector API. This allows Pebble Beach Systems to build its Media Collection. IPDirector informs Pebble Beach Systems of the existence or not of the clip on the XT3 server.

PEBBLE BEACH SYSTEMS CONTROLS THE XT3 SERVER

CLIP EXISTING ON XS/XT SERVERS:

Once Pebble Beach Systems knows the existence of the clips on XT3 server, he can communicates through VDCP protocol with the server and launch the needed commands, such as cue or play a clip of the playlist. The production server will than execute immediately the command.
CLIP NOT EXISTING ON XS/XT SERVERS BUT ON THE IPDIRECTOR NEARLINE

If the requested clip is not found on the XT production server by IPDirector, it is also possible to browse the NearLine of IPDirector. If the clip is found, Pebble Beach Systems will then automatically request to Xsquare to restore the missing clip to the playout server through IPDirector API or Xsquare API. Pebble Beach Systems will automatically receive the new information about the existence of the clip and will proceed with the playout through VDCP.

CLIP NOT EXISTING ON XS/XT SERVERS BUT ON AN ARCHIVE.

If the requested clip cannot be found on the XT server or on the nearline, it can be requested from an archive database. If found, Pebble Beach Systems will request its automated restore on a storage folder. It is then easy to have an automated watchfolder process with XTAccess to transfer the clip to the XT server, have it referenced on IPDirector and proceed with the playout.
SOFTWARE DESCRIPTION

> XT/XS Series

The new generation of XT servers, with its flexible 8 channel SD/HD & 6 channel 3D/1080p configuration, combines EVS’ world-class speed & reliability with the ultimate in capabilities and performance. XT3 integrates today’s top broadcast and IT technologies to offer broadcasters and producers unsurpassed motion control with the highest level of flexibility. Based on its unique Loop Recording technology and its powerful networking capabilities, XT3 offers the highest level of media control from ingest to playout including live editing, slow-motion replays, multi-channels playback, or transfer to third-party systems such as craft editors, automation, archiving, and storage. The XT3 is the first server to natively support such a large variety of widely used codecs without requiring hardware change, allowing the production to choose a compression scheme that can be natively supported through the edit process.

> IPDirector

IPDirector is an integrated suite of video production management applications that gives total control of production via EVS’ production servers. The IPDirector allows to easily ingest, log, manage, search, track, edit, create clips and highlights, browse, and ultimately play out any video or audio content instantly. The dynamic applications and tools can be used to suit any production requirements, and the Windows-based GUI makes it easy to learn and use.

> XTAccess

XTAccess software handles on-the-fly transcoding, re-wrapping, and media conforming between EVS’ production servers and third-party worlds through Ethernet LAN or WAN. These steps are managed in a very transparent and automatic manner and allow for a very smooth integration with all non-native formats.

> Xsquare

The goal of the Xsquare solution is to act as an orchestrator that receives job requests and dispatches them to the appropriate engine based on directives (load balancing and JOB API). This allows choosing the most suitable engine available on the network to manage the desired job (transcoding, rewrapping, etc).

> GIPSO

IPDirector offers an integrated API (Application Programming Interface) starting with version 5.8. The API is a standard SOAP Web service and is available on each IPDirector workstation. The API, named GIPSO (Gateway IPDirector SOAP), provides access to the entire IPDirector database and the opportunity to manage the objects controlled by IPDirector. It is a single point of contact for viewing the entire EVS server network, and its architecture allows for load balancing and fault tolerance.
CUSTOMER SUPPORT & TRAINING

Our clients range from TV stations to video equipment rental companies and production houses worldwide. EVS' key priority is to make sure that its clients keep performing at the highest possible level. We listen to our customers, identify operating workflows, anticipate needs, and suggest effective and reliable solutions, so that they in turn can offer top-quality productions to millions of TV viewers across the globe.

CUSTOMER SUPPORT

EVS is dedicated to making sure its products are functioning in a way that meets your needs and expectations. We offer technical support 24/7 from each of our regional offices, so you can rest assured that someone will always be available to answer any question that may arise.

All members of EVS' technical support team are qualified technicians with a solid background in broadcasting. They understand your requirements and can provide you with the best solution available.

TRAINING

Do you want to learn how to operate EVS systems and applications or enhance your skills in using our tools?

EVS Training offers a series of courses on how to operate its products, taught in-house by industry professionals. Some of the training sessions are conducted by the EVS team via a Web interface, so that you get hands-on instruction even at a distance. EVS User Guides and technical documents are available free-of-charge on our Website.

To learn more about EVS go to www.evs.com