



VCube is available in four software editions (with optional card set):

VCube LE:	Video Player for Editing, Screening, Scoring ADR, Live events and Audio-post.
VCube XE:	Video Player for Job preparation, Finalisation Conversion and Transcoding.
VCube SE-SD:	Standard Definition Video Player/Recorder for Ingest, Editing and VTR Replacement. Delivered with a SD-SDI video card.
VCube SE-HD:	High Definition Video Player/Recorder for Ingest, Editing and VTR Replacement. Delivered with a HD-SDI video card.

VCube LE Pro: VCube XE Pro: VCube SE-SD Pro: VCube SE-HD Pro:	The four software editions can be delivered in a Pro version that includes a Video Ref Sync I/O card with LTC, RS422, MIDI MC and optional Bi-phase.
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VCube Turnkey Systems are delivered in four different Packages:

VCube Player SD:	Standard Definition Video Player Merging Custom AV Case with Pre-configured and tested computer platform: Multicore Intel CPU On-board support for SATA Raid 0, 1, 5, 10 DVD+/- R/RW Optical CD-DVD reader/writer unit Soundblaster compatible sound Dual Head graphics card or equivalent 100/1000 Mbit/s Ethernet Windows XP Pro, Vista Business or Windows 7 VCube player software
VCube Recorder SDI:	Standard Definition Video Player/Recorder Same configuration as VCube Player SD with the following additional components: AJA Video card with SDI, Composite, S-Video & Component I/O VCube recorder/player software
VCube Player HD2K DVI:	High Definition Video Player The VCube Player HD-2K configuration is a high performance platform capable of playing uncompressed HD material up to 1080 resolutions VCube HD-2K (1080) software support
VCube Recorder HD-SDI:	High Definition Video Player/Recorder The VCube Recorder HD-SDI configuration is a high performance platform capable of playing up to 1080 resolutions AJA video card with HD/SD-SDI I/O VCube recorder/player software VCube HD-2K (1080) software support

VCube is distributed in your country by:



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VCube

HD VIDEO SYSTEM

MXF

MXF is fast becoming the new industry standard for media wrapping. Cameras are shooting it, video edit stations are ingesting and cutting it, and now VCube is seamlessly managing the rest.

From capture and basic editing of video from multiple sources (including different codec's and aspect ratios on the same timeline) to playout for post-sync from AAF or FCP XML sequences and creation of MXF broadcast masters, VCube is the perfect tool for the job.



Complete video workflow with VCube HD

CAPTURE / COMPILE



Record video inputs from SD to HD

With inputs covering SDI, component and composite from standard NTSC and PAL SD all the way up to 1920x1080 HD SDI, VCube is ready to capture material from any source, and real-time code it to almost any file type or codec.

MXF

MXF - MPEG-2HD/DNxHD/AVC-Intra

The ability to real-time capture and playback any of these file types and embed them into any relevant file type such as MXF/AVI/MOV, has prepared VCube for the future of video for post. The New HD standards are here, and VCube is ready to handle them throughout the post-production process



File conversion tool

Different areas of every facility will always require different versions of video files, depending on what they are doing. VCube is the perfect tool for sorting and managing the creation of working copies for use in every post-production stage, from tracklay and editing, all the way to the final mix.

SONY Avid
Panasonic

Codec handling

VCube HD has the ability to handle an incredibly wide array of codecs on the same timeline, regardless of framerate, aspect ratio or file type. When Vcube is in your dubbing theatre or edit suite, you will always be ready to sync and use your clients' files without any time lost to conversions.



STREAM/SYNC



Lock to LTC/MTC/Sony 9-pin (RS-422)

Regardless of what your system sync needs are, VCube is ready to chase-sync it. With inputs for all known standards of synchronization, including BI-Phase, VCube is prepared for use in any room and for any project.



24 Digital audio tracks

The VCube is not just for playing back SD or HD video streams. A project timeline can contain up to 24 digital audio tracks as well! Whether it is DolbyE or regular digital audio, VCube can handle it with ease. Any file type, samplerate and bitdepth on the same timeline without conversion is a reality with VCube.



Load and play FCP XML/AAF/OMF/MXF

No matter which system your facility or client uses to edit video, VCube is absolutely ready to playback any multi-layer project from any of them. WITHOUT RENDERING. Perfect for workflows where changes are being made right up until the final mix.



Network streaming ready

VCube's engine has been specially optimized to allow for seamless playback from any type of network storage. With no need for any additional configuration and an ability to immediately communicate with any brand of storage array, and over any type of connection, VCube is perfect for any facility.

WRAP/DELIVER



MXF/MOV/MPEG/AVI wrapping

Once the project is finished, creating a final master or viewing copy for the client used to involve time, equipment and staff in order to get the job done. Now, VCube is ready to prepare anything from a simple SD viewing copy to an MXF broadcast master at the touch of a button.

Dolby E

Dolby E

With the ability to record, edit, and wrap DolbyE audio, VCube stands out among its competitors. Configured to meet every specification possible for Dolby requirements, VCube is the ultimate answer to any DolbyE workflow, at any stage of the post-production process.



Broadcast masters

MXF master creation is now a reality with VCube HD Video System. MXF is the new definitive standard for any part of the broadcast process and Vcube is ready to marry the audio to the picture and create a final MXF master for delivery to the client.



Digital Archives

Protecting historic material for the future is a perfect job for VCube. Not only can it perform the ingesting of material from a huge array of inputs and frame rates, it can also then create an almost infinite amount of copies from that master for use in any range of archival processes.

Capture and Compile

With its impressive array of codecs and file wrapper support, VCube is the perfect tool for any transfer or VT room. It can read and import MXF/OMF/AAF and FCP XML sequences directly to its timeline, will read files directly from industry standard HD cameras like the Sony and Panasonic and can easily compile a variety of files and codec to the same timeline. Preparation for the dubbing session is quick and easy with VCube.

Post-Sync Video Playout

In the theatre, VCube is the ultimate replacement for the video tape player-recorder. An incredibly simple and easy to use timeline and presets for complex configurations make this the ultimate video tool for the audio engineer. Then with a variety of sync options including 9pin, LTC, MTC and Merging Technologies own Virtual Transport™ over IP, combined with its ability to do on-the-fly timecode gearboxing, makes locking your video to any system as simple as possible.

Wrap and Deliver

Back in the transfer room after the mix is finished, VCube becomes the final step in the chain. It has the ability to import audio to the timeline and DolbyE can be decoded and edited in realtime for QC purposes. Finally, VCube will wrap (as MXF/MOV/AVI among many others) or layback to tape via a variety of audio and video outputs using the internal chase synchronizer. All this enables VCube to remove the need to use the high revenue generating dubbing theatres for creating masters and performing quality control tests.