

APL provides in depth project planning, content selection, IT management, digital asset management, and storage consulting during the initial discovery phase. We utilize advanced encoding, transcoding, quality control, and storage technologies throughout our workflow process. Our affordable, streamlined service not only encodes video but also provides content organization and archiving.

Alteran Processing Laboratory (APL)

Affordable Video Migration Services...

APL, our In House Service Bureau, offers affordable and rapid solutions for digitizing your videotape library. APL can assist your company by taking tapes out of your library vaults and onto new digital platforms.

Once you ship your tapes to our facility, they are immediately inventoried utilizing our proprietary inventory tracking software system to oversee each step of your workflow process.

Our service bureau incorporates new and legacy certified hardware and software along with highly trained Engineers and technicians to convert to any output digital file format and packaged for retrieval and storage based on your specifications.

APL can convert high definition, standard definition, analog or digital videotapes to mastering/archival formats and a wide range of industry standard codecs.

Services include:

- Video capture to any digital file format
- Multi-stream encoding
- Multi-format transcoding
- Metadata logging with automatic embedding of client data
- Short or long-term on-site storage
- Automated quality control
- Detailed reporting and tracking
- Tape Cleaning



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Tape Formats

Analog Source:

2" Quad High-Band NTSC/PAL
1" Type-C NTSC/PAL
¾" U-Matic and U-Matic SP NTSC/PAL
½" VHS and S-VHS NTSC/PAL
½" Betacam and Betacam SP NTSC/PAL
1/8" Video 8 and Hi-8 NTSC/PAL

Digital Source:

D1 Component 4:2:2 Digital
D2 Composite 4:2:2 Digital
D3 and D5 (SD/HD)
Betacam IMX, SX and Digibeta NTSC/PAL
D9 Digital-SVHS
DVCAM and DVCPRO NTSC/PAL
HDCAM and HDCAM SR (4:2:2 only)

File Formats

Native Output formats:

Pro-Res SQ and HQ (Standard def/High Def)
DVCPRO/25/50 and DVCPRO HD/100
MPEG 2 iFrame w/IMX compatibility 50mbps
DnxHD (VC-3 compliant for AVID)
Uncompressed 8 bit SD
JPEG2000 (optional)

Transcoded Formats:

Flash Media
Windows Media
.h264
MXF (For Avid)
AVI
JPEG2000 (optional)

