		<h1>XTAccess</h1>
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2 LIST OF DOCUMENTS

- XTAccess_ReleaseNote_v1.10.pdf : This document
- XTAccess_Userman_1.10.pdf : XTAccess User's Manual
- XTAccess_Codecs_v1.10.pdf :List of codecs & wrappers compatible with XTAccess for wrapping, decoding and encoding
- EVS_Encoder_XTAccess_v1.10.pdf : List of the encoders profiles and description of the tags
- EVS_Status_XTAccess_v1.10.pdf : List of the status and errors codes generated by XTAccess.
- EVS_XML_JOBS_1.3.01.pdf : Description of the XML jobs supported by XTAccess v1.10

3 EVS COMPLIANCE MATRIX

- **Release Package M9.00.74**
 - Please refer to the specific document "Software Compatibility for Package Multicam 09.00.74".
- **Package Package M10.01**
 - Please refer to the specific document "Software Compatibility for Package Multicam 10.01".



4 SOFTWARE INSTALLATION

See Installation Manual for details of the installation procedure.

Copy the installshield XAccess_1.10.xx_Setup.exe in a temp directory (e.g. C:\Install Software\XAccess\).

It is recommended to first uninstall XAccess versions prior to v1.04.34.

Run XAccess installshield **XAccess_1.10.xx_Setup.exe** and then follow the steps of the Setup wizard.

The installer includes a registry key that disables the autorun function on USB keys to avoid virus intrusion

Reboot needed after first launch

Clean Edit Integration Option :

Contact Clean Edit support to install the compliant software.

Installshields are only available for 2.07

- CEXTAccessIntegration_v02.07.41.exe
- EvsEditFramework_3.07.xx.exe



5 NEW FEATURES SINCE XTACCESS V1.09.34

5.1 New Native XT Codec : DVCPRO 50 & DVCPRO HD

The XT server supports new native codecs : DVCPRO 50 and DVCPRO HD. In accordance XAccess supports a list of file formats to import and export (natively or via transcoding) DVCPRO 50/HD content with the XT server.

5.1.1 Video Formats

- DVCPRO 50 : 625i50, 525i59.94
- DVCPRO HD :
 - 1080i50 : 1440x1080 pixels
 - 1080i59.94 : 1280x1080 pixels
 - 720p50 : 960x720 pixels
 - 720p59.94 : 960x720 pixels

5.1.2 File formats (DVCPRO 50 & DVCPRO HD)

- EVS MXF : Backup, Restore, Transcoding
- Quick Time Movies : Backup, Restore, Transcoding
- Quick Time Reference : Backup, Restore, Transcoding
- MXF OPAtom Avid :
 - DVCPRO 50 : OK
 - DVCPRO HD : OK
 - Backup, restore, transcoding.
- MXF OPAtom P2 : Restore, Transcoding only. No backup.
- DV-DIF : DVCPRO 50 only. Backup, Restore, Transcoding

5.1.3 Avid Transfer Manager API

- See EVS Avid Tools v2.08.03
- Ingest
 - Direct XT transfer
 - EVS MXF file transfer
- Send to Playback
 - Direct XT transfer
 - EVS MXF File transfer

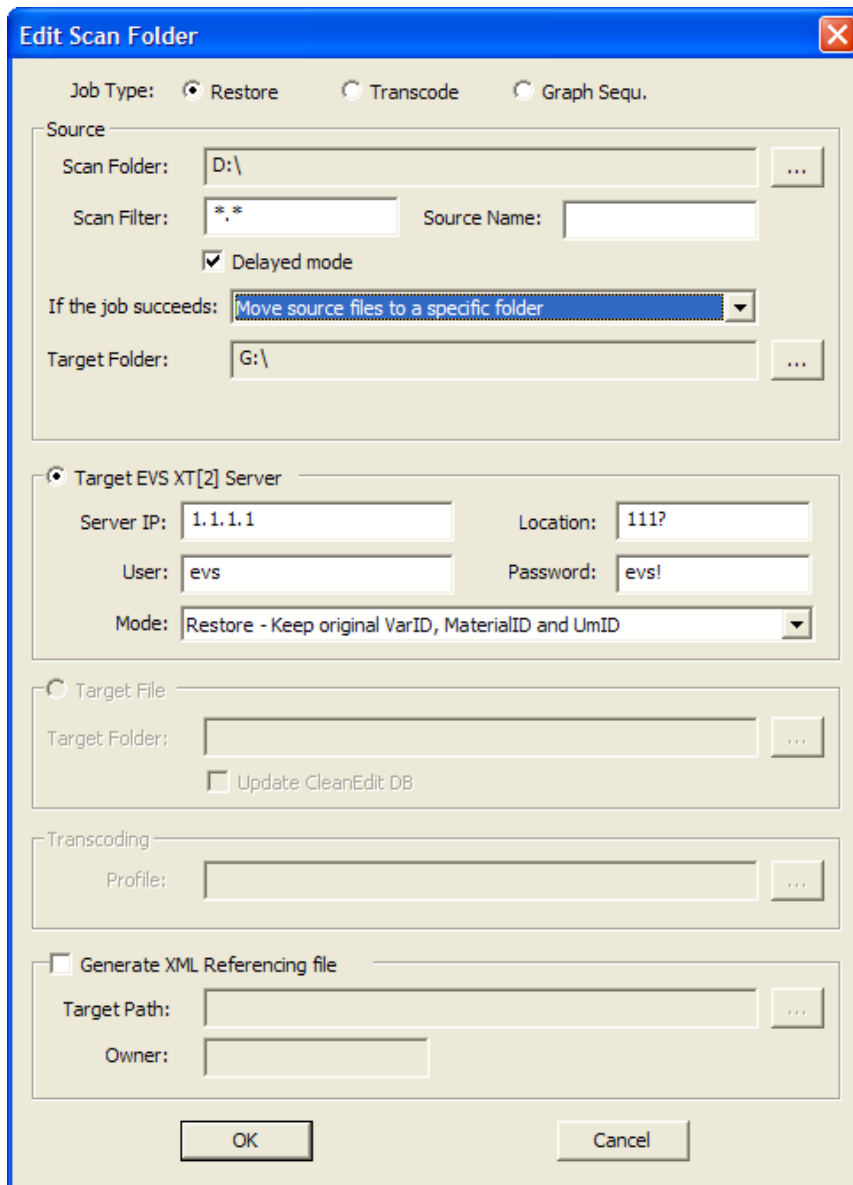
5.1.4 Limitations

- Super Motion, Dual 1080p and 3D formats are not supported in this version
- MXF P2 native backup is not supported in this version. It is anyhow possible to transcode to a P2 format.
- DV-DIF is only supported for DVCPRO 50 in this version.

5.2 Scan Folder

New GUI

There is a new GUI for the Scan Folder in XTAccess 1.10



Delayed mode

- If this option is selected : XTAccess checks the modification time of the file and waits until this modification time will be older than the local time (XTAccess computer) + 30

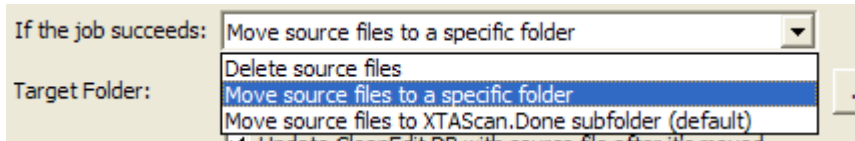


seconds before processing the file. (note : So the time on the XAccess computer and on the computer which creates the file to scan must be synchronized)

- If this option is not selected : XAccess immediately processes any new file with write access capabilities.

If the job succeeds

There are 3 new post processing modes for the source files :



After the scan job: XAccess can:

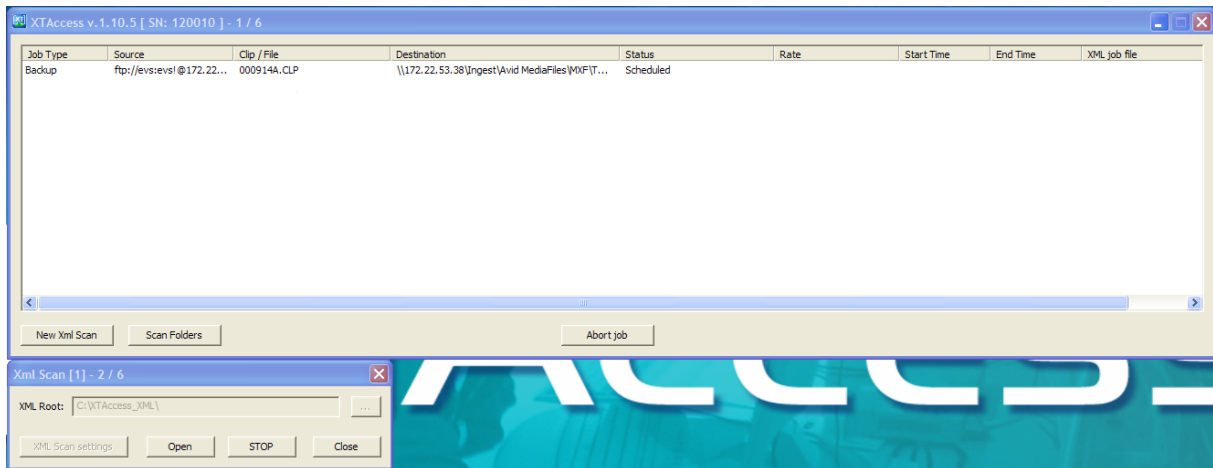
- Delete the source files
- Move the source files to a specific folder (useful to do Clean Edit referencing)
- Move the source files to a folder XTAScan.done in the same folder than the scanned folder (default option)

CE referencing

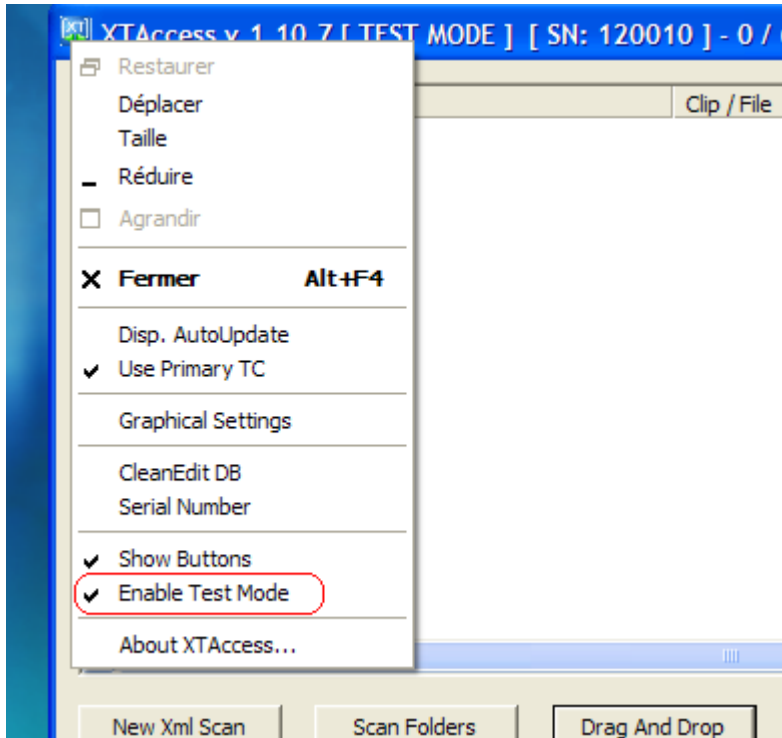
XAccess can now reference source and transcoded file to the CleanEditDB. You have to select the “update cleaneditDB” check box in the Source and Target File box. This referencing is working even if the source file is not EVS.MXF.

5.3 Miscellaneous:

5.3.1 Release/Test Mode



By default XTAccess is configured in release mode without all the debug/test options and buttons. If you want to reactivate all the “debug” options please contact the EVS support.





6 BUGS CORRECTION SINCE XTACCESS V1.09.34

- **Backup clip :**
 - #3315 : Render Playlist (job 10) takes the keyword of first clip in playlist
 - #3365: backup clips playlist + EDL (job 9) overwriting files when format string is %name in XTA
 - #3449 : Keywords are not saved with the playlist jobs
 - #3503 : Render Playlist not working with 16 audios
 - #3479 : SMPTE 334M information are not supported with short backup
 - #3466 : Jump from page 9 to page 0 is not well done
 - #3646 : Grabfield of Growing OPATOM generated by Stream record train (job type 20)
 - #3864 : 3D clip became SLSM 2X clip when this clip is sent to EVS MXF nearline
- **Restore :**
 - Scan folder improvement
- **Transcoding :**
 - #3400: Transcoding to XT will never switch to status failed if there's a disconnection of the XT
 - #3393 : No EVS.XML file created by XTA in Transcode Only mode
 - #3415 : Transcoding DNxHD 720p NTSC 220 Mbps to M-Jpeg lowres gives a non playable file
 - #3675 : Clip Name trouble in Backup of train + transcoding
- **Miscellaneous :**
 - #3514: The transfer status of a stream without TC OUT is not well returned by XTAcess
 - #3765: Managing of the update job xml (old update xml file were kept)
 - #3474: IPD referencing improvement
 - Fill and Key improvement

7 BUGS CORRECTION SINCE XTACCESS V1.10.15

- **Backup clip :**
 - #3980 : problem of bad image quality when transcoding to DNxHD
 - #4059: Avid MXF OPAtom files had incorrect TC in NTSC audio files



- #4037: XAccess failed to Transcode MJPEG 4 bands 720P SuperMotion

- **Restore :**
 - #3969: XAccess failed to restore 4 bands MJPEG HD EVS Mxf file

- **Transcoding :**
 - #3933: Transcoding on-the-fly dump when invalid UNC path given
 - #3832: Transcoding jobs can stuck at 100%
 - #4015 : XAccess - Restore with transcoding (DV --> DNxHD) --> Encoder DLL error OR CRASH of the application

- **Miscellaneous :**
 - Restore / Copy XT to XT : the referencing file to IP Director is generated when 40 blocks have been written on XT to guarantee the clip is already present in IPD database (Note : this is not implemented for transcode + restore -> planned in a future version)
 - #3918: Transcode cross midnight clip

8 LIMITATIONS

- Growing clip without out point is not managed
- XML Jobs must specify the <Job_Dest_Short_in_TC> and <Job_Dest_Short_out_TC> based on legacy TC only (not User TC). This is compliant with IP Director v5.6.
- It is not possible to decode Apple ProRes 422 clips (grab fields, thumbnails, transcoding).
- An XStore[2] device is recommended to run simultaneously XAccess and Clean Edit Suite.
- XT copy with transcoding (e.g. from Hires XT to Lores XT) is not allowed.
- Unicode & ASCII: Transfer of Unicode metadata to Avid Transfer Manager not supported.
- In case of backup of trains, <XT_Creation_Time> tags are based on XAccess workstation date and time, not on XT date and time.
- It is not allowed to open, edit or process a file stored in an XAccess Scan folder. XAccess will not be able to access the file and could generate errors.
- XAccess does not work properly when Anti-Virus like Norton is activated.. We don't recommend using Anti-Virus with XAccess.
- Backup File Name Format String : XAccess is not able to handle special characters like the "V :* ? , ; »<>|" in a string.



- Progress current TC in IPD v5 is not available for the Copy XT to XT and with the Avid transfer. The progress bar is available.
- In Hi-Lo mode: you need to use %VCodec to do the difference between the two backedup clips and XML
- If the backup / rewrap fails because the target becomes unreachable (i.e. network failure), the incomplete a/v file CANNOT be deleted.
- In case XAccess with transcoding capabilities runs simultaneously with Clean Edit v2.07.01, the MainConcept dlls located in C:\Windows\System32\ must be moved to C:\ProgramFiles\EVS Broadcast Equipemen\EVSEdit Framework\. Mainconcept dlls used by XAccess and Clean Edit Suite are not compatible. No problem with Clean Edit v2.07.03.
- #2083 : Partial transfer to Avid Transfer Manager of MXF file that have been backedup with XAccess version prior to 1.06.00 is not feasible. Complete transfer is OK.
- #3396: The XML Metadata files and XML referencing files can override other existing XML files if you are doing two times the same job with the same clip or file.
- XML Referencing file are not compatible from Multicam 10 (IPD5) to Multicam 9(IPD4)
- #3294 : Copy XT to XT of growing clips are not supported
- Transcoding of HD clip/media is limited to maximum 2 jobs per XAccess, provided that the device has at least 2 GB RAM available.
- Apple ProRes 422 clip/media is not supported by transcoding process (decoding or encoding).

9 KNOWN BUGS

- #3513: It is impossible to send growing IMX OP1A file to Avid
- #3395: Copy XT to XT can not working after a long unused time of the XT[2]