

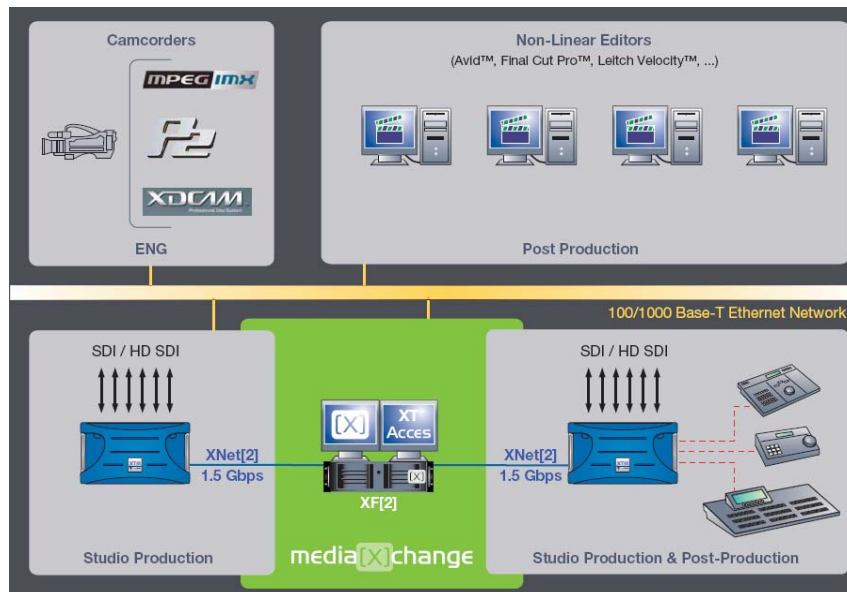
# New Product Release – Package 9

## MediaXchange v01.15.15

19 Jan 2009

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## 1.1 Introduction



MediaXchange acts as the gateway between EVS XT series servers and market-leading Non Linear Editor systems such as Final Cut Pro, Avid, and Leitch Velocity through the industry-standard MXF file format, it also supports new video formats (P2, XDCAM) in both low and high-resolution.

MediaXchange offers several tools to totally automate the process of re-wrapping or transcoding media files, allowing it to become an automatic background process. It also generates M-JPEG & IMX-D10 EVS video animations from graphic files & sequences.

## 1.2 Previously Supported Codecs

MediaXchange can Transcode or Re-wrap using the following Codecs, it supports both SD and HD, but does not up- or down-convert between SD and HD:

MPEG-1, MPEG-2, MPEG-4, DV, DVCPRO-25/50, DVCPRO HD, WM9, IMX-D10, M-JPEG, HDV XDCAM HD, Avid DNxHD @ Codec.

Please see the [MediaXchange Release Notes for v1.15.15](#) on the EVS website for further information.



## 1.3 New Features

### 1.3.1. P2 DVCPRO HD Decoding – Encoding

- Support of Panasonic P2 DVCPRO HD content
- Decoding
- Encoding : tested with P2 viewer
- Media Support : P2 drive or Local/remote HDD
- Formats : 1080i50, 1080i5994, 720p50, 720p5994
- Decoding performances : 2 x slower than Real Time
- Encoding performances : 2 x slower than Real Time

### 1.3.2. Sony XDCAM 420 & 422 HD Decoding - Encoding

- Support of Sony XDCAM 420 HD & XDCAM 422 HD content
- Media Support : Local/remote HDD
- Formats : 1080i50, 1080i5994, 720p50(\*), 720p5994(\*)  
(\* not for XDCAM 420 17,5 & 25 Mbps)

### 1.3.3. MPEG-1 new file format allowing up to 8 audio tracks

- MPEG-1 content can be generated along with 8 audio tracks
- This file format has been developed to be integrated into Clean Edit Suite to support more than 4 audio tracks
- File format structure is not PS or TS, but rather an XML description file pointing to audio and video files, one file for each A/V essence. Example of XML file can be found in the [MediaXchange Release Note](#).

### 1.3.4. Destination target XT GigE FTP

- A new destination target has been implemented to directly write a clip on the XT Server via GigE interface (FTP protocol).
- This new target replaces the file path to write a file. No temporary file is generated.
- This new target is available for all modes : Single, Batch and Scan folder.
- This target is only available for EVS MXF file formats.
- The target parameters includes :
  - XT IP Address of the FTP server : e.g. 192.168.10.12
  - XT FTP login : evs
  - XT FTP password : evs!
  - ClipID to start the search for an available location : e.g. 111?

### 1.3.5. XSecure Codes Options Refactoring

- Since this release MediaXchange v01.15.15, there are only two options:
  - Base Package including the wrappers options
  - All Options including the wrappers and codecs options
- The previous XSecure codes to select given decoders or encoders are still valid. No regression vs previous MediaXchange versions.
- Please refer to the [MediaXchange Release Note](#) or contact EVS support for additional information.