

## EA3268 ETERE MTX

The most advanced IT based solution, tightly integrated and cost-efficient video management system on the market.



MTX Flowchart Diagram

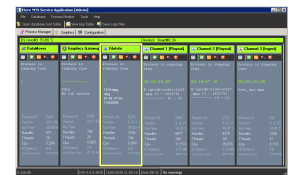
**ETERE MTX** is the most advanced, tightly integrated and cost-efficient video management system on the market, completely based on IT technology, it capable of driving the most popular HD/SD [Matrox](#) digital video/audio/graphics platforms without using middlewares.

ETERE MTX is a fully digital ingest/playout engine able to leverage the 100% of Matrox video technology. ETERE MTX combines the professional video technology of Matrox with the reliability and efficiency of Etere to ensure support for all major essences and wrappers in the broadcast industry.

- Full support and configuration of Matrox video cards
- Wide compression schemas and wrappers including MPG2, DV, DVCpro, AVI, MXF and QT
- Embedded graphics engine supporting overlaying fixed logos and crawls
- Low-price software that includes free upgrades and updates
- Real-time rendering control including static and dynamic overlays
- Dedicated hardware to exploit the whole potential of Matrox Graphics cards

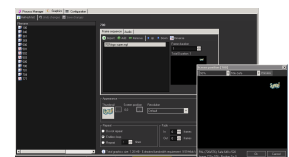
### Key Features

- ☐ Based on Matrox DSX technology (DSX, X.MIO and X.MIO2 cards)
- ☐ Ability to produce during ingest a proxy version in WMV format,
- ☐ Included graphics engine to overlay static/animated logos and crawls on 8 layers
- ☐ Offered as software driver comprising free updates as regular Etere products
- ☐ Work on dedicated computers to leverage the potential of Matrox graphic cards
- ☐ Support for all major wrappers (AVI, MXF, GXF, QT)
- ☐ All compression schemas (MPG2, DV25, HDV, DVCpro, DVCpro50, DVCproHD, IMX30/40/50, XDcam-EX, XDcam-HD, AVC-Intra AVC-HD, H264, WMV, ProRes)



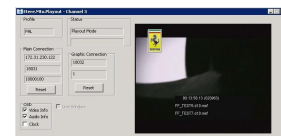
### Unleash your Ideas

**ETERE MTX** is all you need to rapidly launch, expand, sustain and protect your channels. ETERE MTX works along with efficient file-based broadcast workflows for capturing HD/SD video, from either scheduled or manual contents feeds, automatically and simultaneously generating proxy videos, and delivering stored video embracing branding graphics, animations and text crawls. MTX licenses are related to single I/O channels. E.g. 6 MTX licenses enable you to use a Matrox card with 2 IN and 4 OUT.



## Multichannel

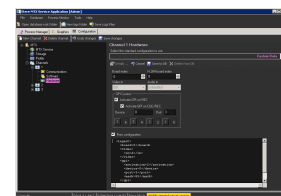
**MTX** has the ability to managing simultaneously various different ingest/playout channels, making of it a versatile multi-channel solution able to offer video acquisition, real-time compression and network transmission with full support of different video codecs between channels.



Improve the content acquisition and playout with frame-accurate cataloguing capabilities, use Etere MTX along with [Etere Media Asset Management \(MAM\)](#) to leverage of a comprehensive Media Asset Management system to search, browse and check video contents, as well as enriching them with relevant [metadata](#).

## Fault Tolerance

**MTX** is designed to work with a high fault-tolerance level to avoid single points of failure due to the distribution of video data over various ingest and playout nodes which cooperatively manages all video data. Etere MTX allows working with different capacity redundancies to maintain outstanding service reliability.



MTX allows to introduce easily integrated ingest/playout devices at a lower cost, offering a cutting-edge product with an outstanding performance, including a complete support and most important, an unbeatable relation between quality and price.

## MERP Integration

As part of the [Etere Media Enterprise Resource Planning \(MERP\)](#) Cloud framework, **Etere MTX** is built with a distributed architecture that enables it to take advantage of ultimate storage and video hardware to create a high-performance digital media solution compatible with capture/playout servers, NLE systems, graphics/production servers, automation and master control units, etc. The distribution of contents from the different MTX engines is controlled by [Etere Media Management](#), the application that delivers the correct video to the correct place at the correct timings. Etere MTX video file transfer capabilities are one of the fastest in the market since its distributed design permits it to avoid performance bottlenecks.

