**Etere**
**a consistent system**

# Etere at 3ZERO2, the MERP at its best

## Etere MERP approach has been provided to 3ZERO2 with the latest workflow-based modular software solutions best digital archive solution and the complete file management

Executive Editor on the system

3ZERO2 TV

3ZERO2 TV is a television production and service company capable of meeting every task as broadcasting center, content and service provider. It was founded in 2002 and in a matter of a few years established itself as one of the most interesting and dynamic players in the field thanks to cutting edge technology and the skills of its technical departments. 3ZERO2 TV also entered into an important alliance with Euromediagroup a French company leader in the European television and cinema market. 3ZERO2 TV actively collaborates with Walt Disney TelevisionItalia, RCS and DeAgostini managing the broadcasting of their TV channels and also new programs production for and post-production for some of them.

Etere's challenge for 3ZERO2 was creating a comprehensive system to manage all activities from ingest to playout, MAM Indexing and metadata insertion to scheduling, archiving to content delivery, creating a solid - open and easily extensible infrastructure that represents the core of the system on which to rely for a modern broadcasting center, content production and service provider.

Etere MERP approach has been provided to 3ZERO2 with the latest workflow-based modular software solutions in order to create, run and control all the processes needed to manage and archive all its multimedia materials, through a reliable, integrated and cost efficient distributed architecture.

Etere provided a fully digital and tapeless archive solution allowing the users who are entitled to access the metadata and the media whenever they wish and wherever they are, also remotely in order to create the playlists, make assets change or take decisions based on real-time information. Furthermore, it's important to remark that the system offers an extended set of EPG functions.
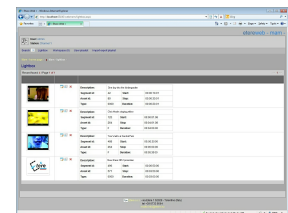
Thanks to Etere, 3ZERO2 now counts on a fully digital and paperless system, which is at the same time extremely powerful, easy to use, easy to maintain and highly reliable.

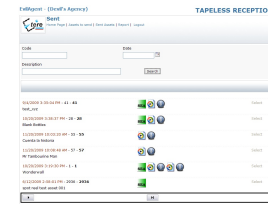Etere, a consistent system!

### File-based system

The primary step has consisted on the decision of using a workflow-driven approach based on new cutting edge technologies for a tapeless, file-based and paperless solution. This decision has produced significant benefits, including:
• a fully integrated environment to manage all dept. involved
• automated workflows
• overall system efficiency, optimizing resources with operating cost reduction
• content management and security
• lower tape movements
• reduction of information losses and format re-conversions
• real-time content availability for the online archive
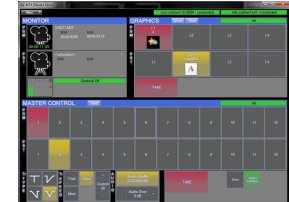• near real-time availability for the support archive.

Tapeless reception

Etere Tapeless Reception is the suite provided to upload file-based contents with the capability to start automatically/manually QC, content management, rights management, proxy creation, HiRes transcoding and archiving workflows.

Etere MTX

Video ingest and TV channels playout are both performed using Etere MTX, the driver that combines the flexibility, power, reliability and efficiency of Etere software solutions with Matrox's professional video technology. Etere MTX fully supports the configuration of Matrox cards as well as the use of all compression schemas and wrappers able to deliver the best video quality based on latest broadcast technology. The rendering engine of Matrox cards can be controlled real-time by Etere MTX, being even capable to produce statics or dynamic graphic overlays, crawls and ARC conversion.

Etere Memory

Another module provided to 3ZERO2 is Etere Memory, the transmission logger used to perform the legal recording with added functions to tag and search recorded content as well as saving recorded files on hard-disk in WMV format.

Archive System

Etere proposed a Deep Archive formed by 175 slots and 2 LTO5 drives (each LTO5 cassette has a capacity of 1,5TB) and an additional Nearline Storage including one nearline proxy storage for browsing to facilitate content visibility and management. Media content stored in the archive (both nearline and deep) will be managed by Etere HSM, the intelligent hierarchical storage management system which works as a background process accessed through a powerful and easy to use interface, thus ensuring through an intuitive media management system a fast movement between encoders, nearline storage and the tape library managing all the files.
The archiving of all content is performed by a robotic digital tape Library 3000StorageTek empowered with a capacity of 200 online tapes. Moreover, it's worthy mentioning that the archive also includes a Near-On-Line Storage.