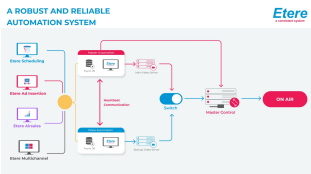# AUTOMATION SOLUTION

## A powerful, flexible and reliable solution to entirely automate your playout system



Etere Automation

Etere Automation is a powerful, reliable and modular broadcasting system that is able to enhance broadcasters' potential in terms of functions and workflow design. Its unique approach combines real-time device control and media asset management in a single product, offering a powerful mix of solutions and capabilities. It is a system to fit all broadcaster needs.
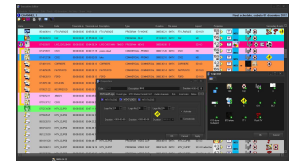
Etere Automation's distributed architecture provides a system that can grow and change to fit all broadcaster needs. It runs on Windows and controls all the broadcast system devices.

Etere Automation uses the database of Etere Media Asset Management to integrate all the activities in a single environment, thus allowing retrieval of the assets stored in the station with no size limit, as well as to manage playlists and perform last minute changes.

## SCHEDULING SYSTEM

Etere Automation comes with an integrated scheduling system based on SQL, where Executive Editor is the Automation multifunctional editor used to create sophisticated schedules.
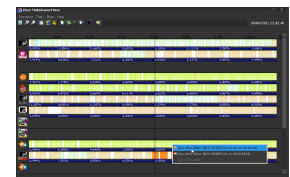
Executive Editor gives freedom in scheduling programs, providing simulations, analysis and high and low resolution previews. The schedule editor is frame accurate, and operators no longer have to deal with fillings or cuts. Moreover, the integrated control of crowded clusters and secondary events preview (i.e. Logos, Crawls etc.), makes this editor the best tool for schedule management.



## MULTI-CHANNEL CONTROL

Integrating several stations with multi-channel control makes schedule management very much easier, following features will be available for this purpose:
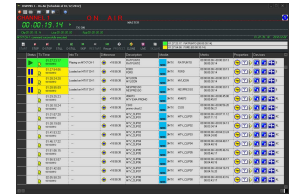
☐ Several stations can be distinguished using logos
☐ All events can be previewed and their actual duration displayed
☐ The schedule grid is represented horizontally
☐ Easily highlight different programs on different channels
☐ Programs can be find at first glance thanks to an efficient colors association
☐ Each status and warning message uses different colors
☐ Highlighted events indicates anomalies that need to be dealt with before broadcasting
☐ Once verified, they can be skipped
☐ In case an excessive number of warning messages, the Etere Support team takes over, providing a cross-check service by means of the SNMP workstation

## FAULT TOLERANCE

Etere has the best fault tolerance on the market to protect your data from any inconvenience, it's the only system with distributed playout intelligence and with real-time main and clone systems running:
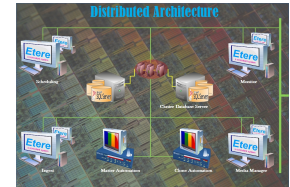
☐ Backup: A backup system takes over whenever the main broadcasting system crashes. As backup is usually inactive, significant resources are saved (i.e. video server ports)
☐ Backup One to Many: A single recovery system for several channels; it's an affordable quality solution for at least three to five main channels
☐ Clone: Two synchronized systems with automation controllers running independent copies of the same playlist, ready to switch in case of fault
☐ Disaster Recovery: A clone server is synchronized to main server located in a different geographical facility for best assurance on whole-system crashes (i.e. earthquakes, etc.)

## MERP ARCHITECTURE

As all MERP Cloud solutions, Etere Automation is based on multiple independent tasks that communicate with each other rather than on a central unit. The On-Air controller is a task that controls on-air devices only, no other part of the system is under its control.

Etere Automation is completely independent from other system operations like Caching or Ingest, so if one of the Caching processes fails the On-Air system still runs, and all the other parts of the system are still functioning properly. While someone repairs or replace the defective elements, the operator reconfigures the system; this way all TV activities and all devices are still running, but from a limited number of PCs.

A high scalability allows running a different process for each activity you need. Adding so many channels, devices or scheduling computers as required without changing the existing architecture.

## KEY BENEFITS

☐ Integrated environment with a coherent interface
☐ Ingest system, common with Etere Media Asset Management, can be used for both archive and playout
☐ Start and end points on videos are stored in the system database
☐ Single segment, multi segment and multi spot are managed as a same database object
☐ Barcodes can be printed to catalogue tapes
☐ Ingest jobs can be automated to minimize operator work
☐ Live recordings are also supported and these can be manually triggered or pre-scheduled
☐ Dub lists can be loaded from Traffic to avoid operators having to retype information
☐ Play while recording is supported on every device

www.etere.com     19102021