ETERE Radio Live

New IP Radio automation

Project Basics

- IP only , no SDI cables
- Totally client server/ redundant
- Capable of main and backup
- Multiple client connected
- Capable of using Dante Virtual cards for digital audio
- Use MS SQL server for database
- Rights and approval system
- Users rights connected to Active Directory

Etere
a consistent system

Designed for the Best

- Client server architecture
- Fully redundant
- Native IP
- Full preview of visual effects
- Support any video standard
- User rights management for large stations
- Can grow up to hundreds of channels
- Based on customizable workflows
- Integrated traffic system

Etere

a consistent system

Key Features

Flexible Scheduling

- Advertisement planning, scheduling and management
- Manage scheduling for external devices
- Customisable time marker
- Pre-set complete daily schedule
- Manage live commercial scheduling
- Set planning criteria for specific timetable
- Option for manual editing of schedule advertising
- Music selection based on customisable criteria

Etere
a consistent system

Advanced Capabilities

- Integrate audio mixers

- Integrate Microphone control

- External device audio analog/digital (Dante)

- Connect with audio signals for automatic camera activation

Etere
a consistent system

Integrated System

Part of MAM
- Organise media and metadata
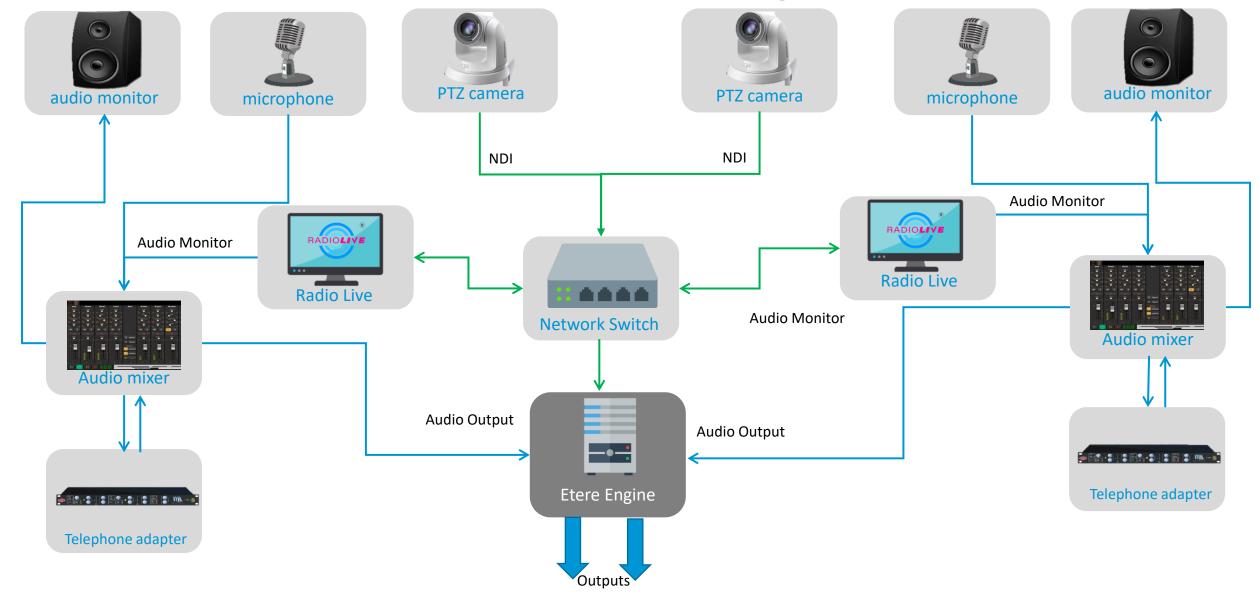- For administrative and security tools

Automatic Video Switching
- Automatically switch cameras to focus on whoever is speaking
- Voice detected camera operation
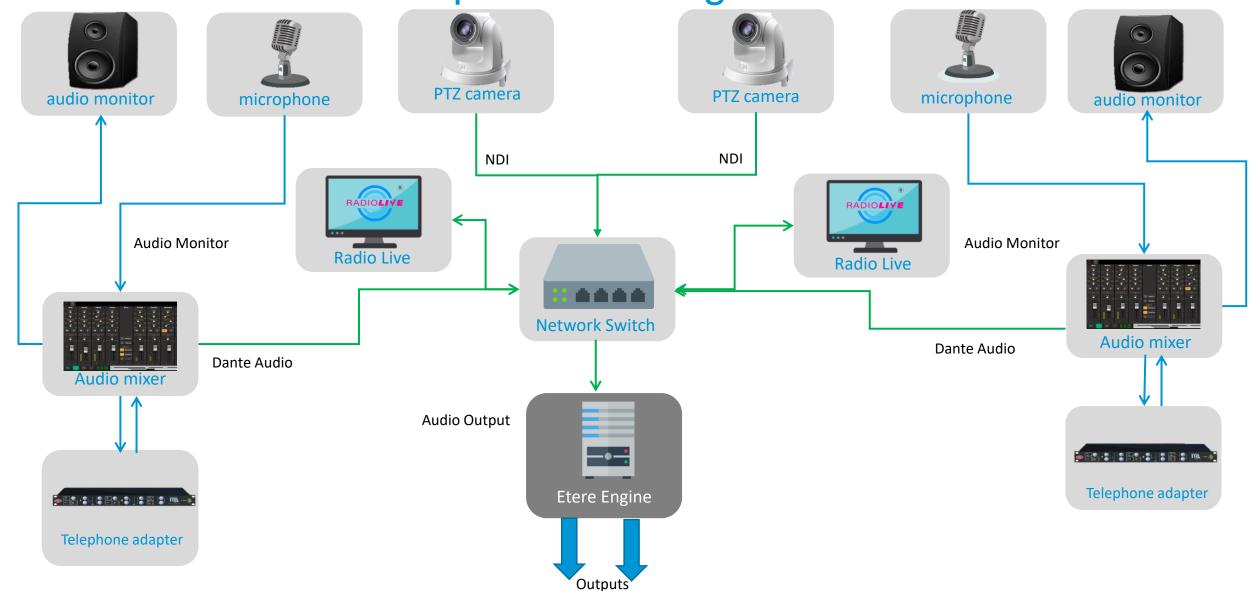
IP video management using NDI
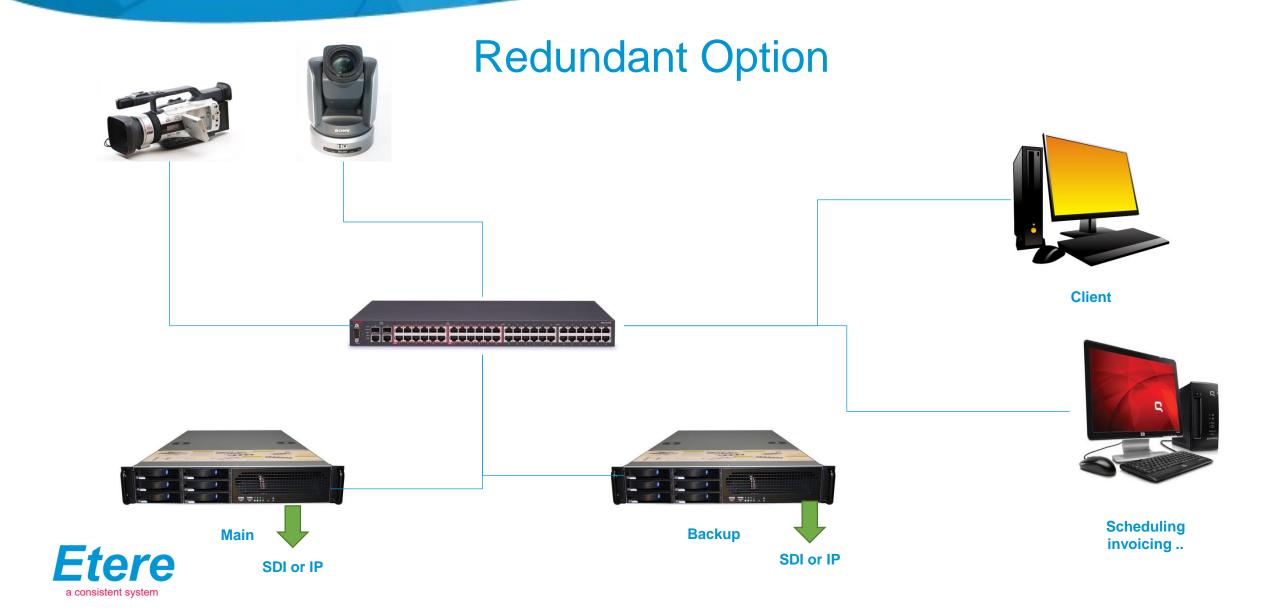- NDI allows your work to seamlessly integrate itself over platforms and applications

Etere
a consistent system

Multiple Studio Analog Mixer

Multiple Studio Digital Mixer

audio monitor

microphone

PTZ camera

PTZ camera

microphone

audio monitor

NDI

NDI

Radio Live

RADIO**LIVE**®

Radio Live

RADIO**LIVE**®

Audio Monitor

Audio Monitor

Network Switch

Audio mixer

Audio mixer

Dante Audio

Dante Audio

Audio Output

Etere Engine

Telephone adapter

Telephone adapter

Outputs

Etere Engine

- Server application
- Connected to multiple transmission suites
- Can be redundant
- Output
  - SDI with embedded audio
  - Analog audio
  - Digital Audio
  - Dante IP/Audio

Etere
a consistent system

Redundant Option

Client

Main

SDI or IP

Backup

SDI or IP

Scheduling invoicing ..

Etere
a consistent system

Scalable

- 3 possible size packages

- Highly adaptable

- A size for any broadcaster, big or small

- Time zone clock ready for synchronisation

Some GUI

How Radio Live will be

Playout

- Make **live, instant changes**
- Schedule advertisements
  - customisable graphics
- flexible manipulation
  - media item playback
  - simultaneous previews
  - high degree of control over characteristics and specifications
- Surround sound 5.1/7.1 audio into HDTV broadcasts via analog, AES, AoIP, and MADI

Etere
a consistent system

Main Playout

Live preview

Full playlist

Multiviewer

Etere
a consistent system

Assets

Interface

Images shown In playlist preview

Song details

Playlist

Music Scheduling

- Schedule your music automatically or manually
- By attaching details to your saved songs, users can set parameters for automatic playlist making
- Create a station, design clocks, enter and code your songs automatically create a schedule using each song's natural demand
- Adjust your library to achieve desired rotations without complex settings
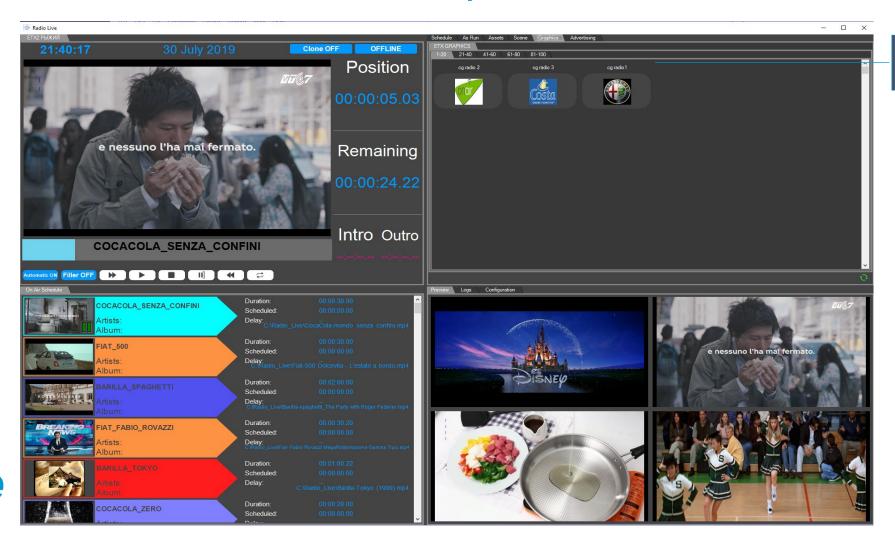- Configurable architecture supports one or hundreds of stations or channels

Etere
a consistent system
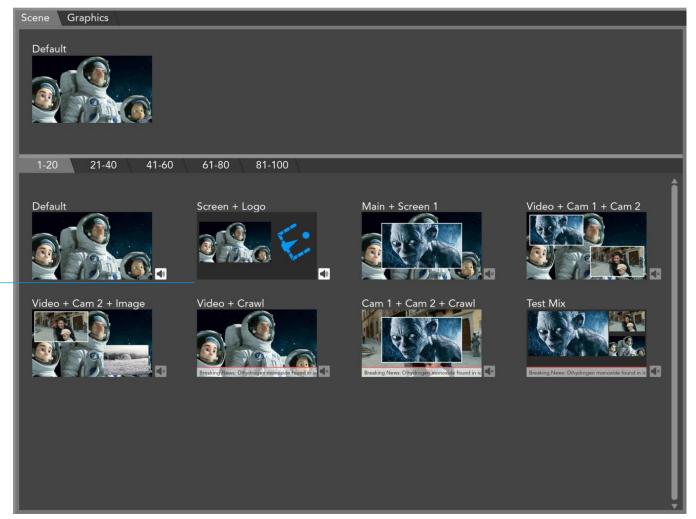
Music Scheduling

Graphics

- Radio Live allows you to overlay up to eight independent graphics layers
- Graphic layers can be active simultaneously, in every possible combination, with two cautions: the overlay order and the position of the graphic elements into each layer
- When operating in automatic mode, such layers are sent on the basis of the settings defined during the configuration
- Combinations can vary in real time depending on the type of event
- Graphics are prepared by standard tools as Adobe After Effects and are controlled with the integrated ETX Graphics module
- Graphics with variations to suit the user's needs
  - Still
  - Moving
  - Crawl

Etere
a consistent system

Graphics

Graphics

Preview of broadcast with graphic

News Ticker

Preview of broadcast with graphic
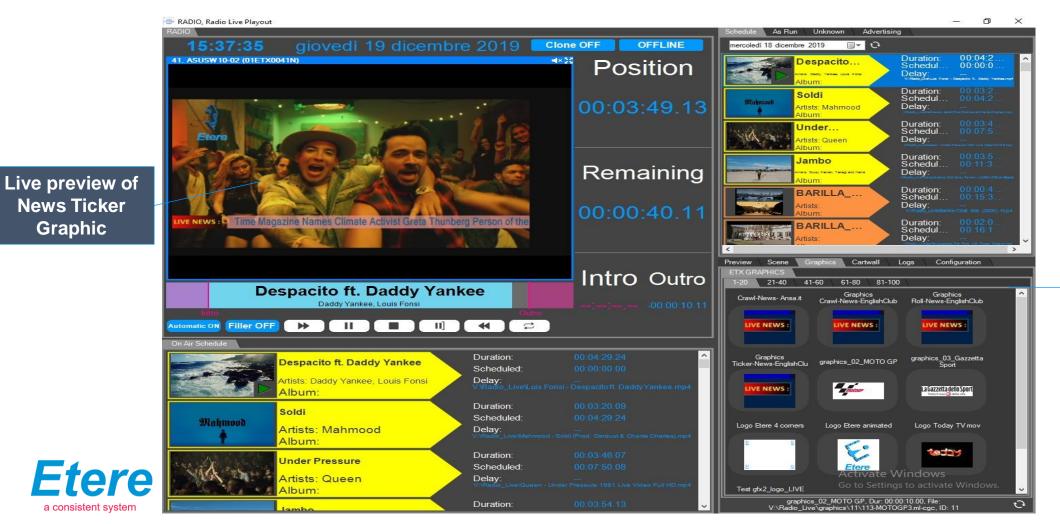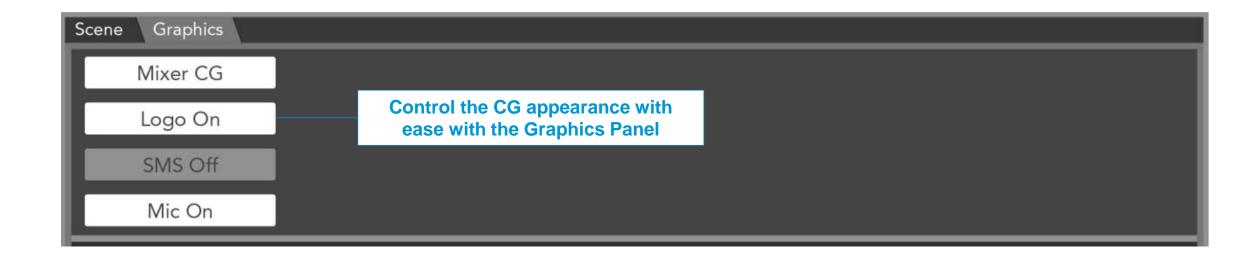
Customisable News Ticker

News Ticker

News Ticker

Live preview of News Ticker Graphic

Your saved News Ticker graphic can be found under graphics tab

Graphics

Control the CG appearance with ease with the Graphics Panel

Microphone Control

Mic Control allows you to select which of the automations combines with the command reception by Microphone Detect

Scene

What is a **Scene**?

- The **layout** of the transmission
- Each scene allows you to set the size and position of the stream, deciding audio and video transition times, enabling and disabling the audio, assigning predefined shapes, edges, inclination etc.

Etere
a consistent system

Scene

Scene effects previews

Preview of Picture in Picture Broadcast

Picture-In-Picture
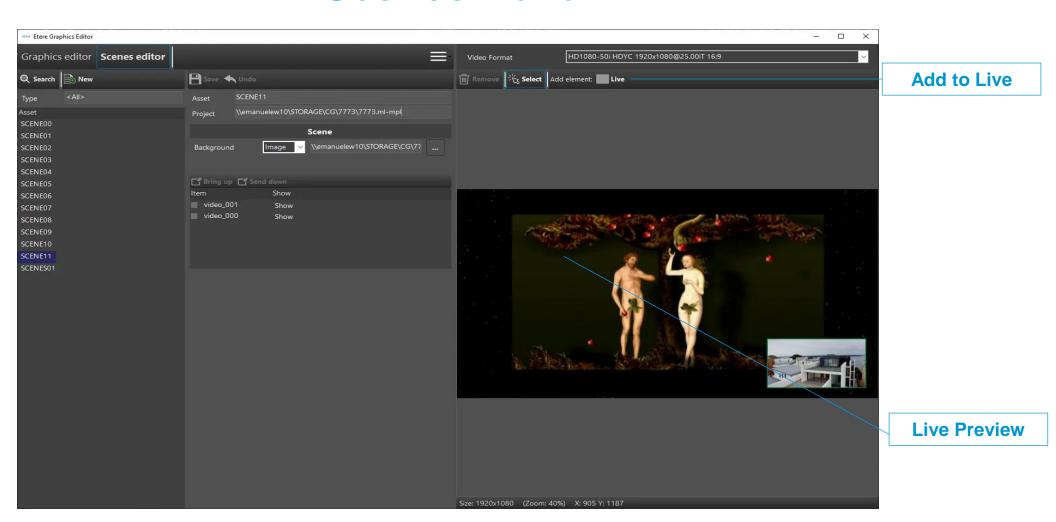

Live Preview of Picture in Picture

Scenes Editor

- Edit scenes from saved and live transmissions

- Preview and make edits to live events with the inbuilt 'Live Preview' window

- Allows users to add CGs and multiple videos (such as picture in picture) onto the stream
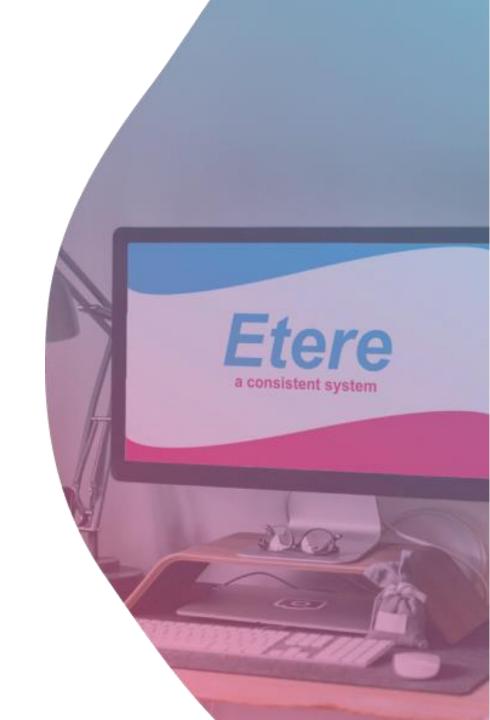
Etere
a consistent system

Scenes Editor

KEY FEATURES

Key Features

Immediate Statistics

- View and download transmission logs
- Record and log audio
- Generate scheduling reports and gain insights with audience statistics
- Manage and monitor live streaming

Etere
a consistent system

Key Features

Ad Space Management
- Integrated Air-Sales system
- Keep track of budget
- Plan ad space
- Connect with clients
- Real time access to sales figures and inventory data

Hardware
Specifications

Hardware Specifications

Server
- HP DL3XX
- 32 Gb ram
- Cpu silver 4110
- Audio card windows compatible
- Blackmagic SDI card (if needed)

Client
- I7 8000 series
- 16 Gb ram

Etere
a consistent system

Thank you

www.etere.com