

ETERE Ecosystem

Integrated Solution



SEE THIS

- I choose the faster runner
- I choose the best shoes
- Will I win ??
- Perhaps NO !!

Power is Nothing Without Control



The Results

- You have the fastest men
- And the best fashion shoes
- But he cannot run
- This is what will happen when you choose a product without looking at the final solution
- You must see the final target, not the single areas
- Even if this was the tradition now you can choose a better solution

www.etere.com

Etere Ecosystem

(Binds all your business)

Etere
a consistent system

Newsroom

Unlimited MOS devices. Social media integration. Approval workflow. Multiformat. Integrated generative AI. Web and mobile interfaces. Integrated multi-studio playout. Integrated graphics playout. PTZ camera control.

Ad Insertion

Multi-format. Frame accurate splicing on any frame. SCTE and Cue Tone decoder. Integrated scheduling. Graphics advertising overlay. SDI or IP. SRT, RTSP, RTP, HLS, DASH.

Automation

Redundancy clone/backup, backup one to many. Automated ingest. Play while recording. IP, SDI, NDI. 4K/SD/HD. Hybrid/Traditional/CIB. Graphics and transitions management. Integrated master control.

Logging

Advanced frame accurate logging system. HTML5 player and editing. SDI, IP inputs. Integrated receiver. Fully redundant architecture. Multi-resolution encoding. Automatic and manual metadata. Audience comparison ready. HSM integration for historical archive.

OTT

HLS and Dash protocols. Multiformat encoding. Generate markers for conditional advertising. Full control from the automation interface.

VOD

Multiformat transcoding. Customizable workflows and delivery. Integrated packaging. Rich metadata with customizable data sets. Deliver video, images, and trailers. Integrated BMS for invoicing after delivery.

HSM Archive

High availability. Multi-libraries. Multi-format. Combine LTO cloud and disks. OAIS compliant. Offline tapes. Disaster recovery ready.

Airsales

Efficiently manage the business and traffic workflow of any ad campaign. Multi-day inventory view. End-to-end solution suitable for TV and Radio. Manage complex cross-media campaigns under one business case. Post transmission analytics. Auto-reservations based on contractual rules and placeholders. MAM integration for easy preview. Logging integration. Audience related prices. Salesforce and account management.

Media Asset Management

Multi-resolution and multiformat. Multi-storage, multi-protocol. Integrated workflow engine. Unlimited metadata. Multilanguage metadata. HTML editing from browser. Cost tracking and reporting. Transcoding from and to any format. Cutting, stitching, watermarking.

Radio-Live

Single playlist for audio and video. Visual radio management with presenter view. PTZ camera control. Crawls, tickers and graphics effects. Integrated video mixer with video effects. Control of audio mixers analogue and digital. Integrated music programming. Integrated advertising programming.

BMS

Strategy, planning, and execution workflows. Purchase orders and contracts. Long and short-term schedules, with automatic rights verification and business rules monitoring. Inventory and reruns. Alternative schedules for contingencies. Make last-minute playlist changes. Series and movies. MAM integration for easy preview. Logging integration. Multi-channel management. Promo management. Manage scheduling rules. Audience and revenue reports.

Subtitling and Closed Caption

Full generation captions. CEA 608 and 708 DVB and ARIB subtitling. AI-integration for automatic translation and speech-to-text. Multiformat import export. Integrated with MAM. Live captioning software with live edits and voice recognition. Web format includes ad webVtt.

Etere
a consistent system

Cloud Delivery

Private, Public and Hybrid



Cloud Delivery Methods

Private

- Uses cloud technologies to expose services across a private enterprise

Public

- All information access is housed in the public domain

Hybrid

- A combination of public and private services

ETERE allows you to create a Hybrid Cloud

Media Asset Management

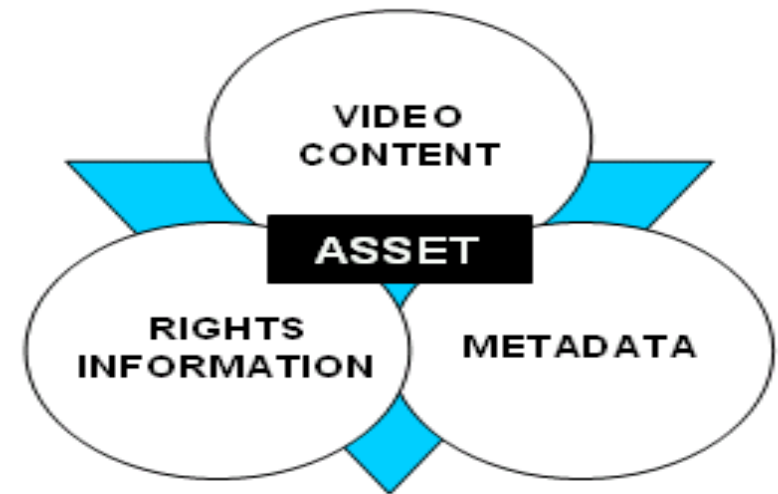
A Complete MAM is Always Present in ETERE



What Is An Asset

An asset is made up of 3 key elements:

- Video/Audio/Image content
- Descriptive Metadata
- Rights information



Physical end

Physical start

SOM

Scheduled Duration

EOM

Physical duration

Duration

Etere

A consistent system

Home page

Agenda

Schedule

Media Library

Collection

Shopping Cart

System

Memory

Air Sales

Tapeless

BMS

Reports

Manage

Scheduled Ingest

Ingest list

User messages

Dashboard

Asset

Action

ID

Type

Code

Title

Episode 1

Version 1

Metadata

Upload / link

Media data

Annotations

T-Workflow

Relationship

Operations

Virtual documents

Stations

Task

Stories

H264 - LOWRES

Physical Start

Physical End

Physical duration

SOM

EOM

Duration

Sched. Duration

He joins the game

00:32:14.08

01:25:36:12

AUDIO

SUBS

1

2

3

4

5

6

7

8

9

Edit Options

Edit n.8

Edit

Delete

SOM

00:00:08.14

EOM

00:00:11.14

DUR

00:00:03.01

Type

Edit

Delete

SOM

00:00:12.29

EOM

00:16:11.00

DUR

00:15:58.22

Type

Edit

Delete

SOM

00:00:16.38

EOM

00:00:20.38

DUR

00:00:04.01

Type

Edit

Delete

SOM

00:00:20.15

EOM

00:22:14.05

DUR

00:21:53.41

Type

Edit

Delete

SOM

00:00:50.04

EOM

00:01:05.04

DUR

00:00:15.01

Type

Edit

Delete

SOM

00:01:20.43

EOM

00:01:30.43

DUR

00:00:10.01

Type

Edit

Delete

SOM

00:02:21.10

EOM

00:02:29.10

DUR

00:00:08.01

Type

Edit

Delete

SOM

00:06:56.33

EOM

00:07:22.33

DUR

00:00:27.01

Type

Edit

Delete

SOM

00:16:22.34

EOM

00:22:28.34

DUR

00:06:06.01

Type

Edit

Delete

SOM

01:15:24.48

EOM

01:30:24.48

DUR

00:15:00.01

Type

Edit

Delete

SOM

01:11:24.49

EOM

01:13:26.09

DUR

00:02:01.11

Type

Edit

Delete

SOM

00:01:25.34

EOM

00:01:25.34

DUR

00:00:00.01

Type

Edit

Delete

SOM

00:01:26.46

EOM

00:01:26.46

DUR

00:00:00.01

Type

Edit

Delete

SOM

00:01:27.15

EOM

00:01:27.15

DUR

00:00:00.01

Type

Etere

a consistent system

Home page

Agenda

Schedule

Media Library

Collection

Shopping Cart

System

Memory

Air Sales

Tapeless

BMS

Nunzio

Reports

Manage

Scheduled Ingest

Ingest list

User messages

Asset

8841TVPeakky BlindersS03-0004Peakky BlindersS03ND4Episode 4Version 1

MetadataUpload / linkMedia dataAnnotationsT-WorkflowRelationshipOperationsVirtual documentsStationsTaskStories

CILLIAN MURPHY

PEAKY BLINDERS

ETERE_CMS

CUSTOM TEST
SIAE
SIAE CINEMA
Cart Number-OTH

Reload Form ValuesSave

Asset statusValid

Audio peak frame43

Audio peak level54

Audio wave clipping count4

CMS execution date07/07/2020 00:00:00

CMS source codec9820

Loudness50

Original sourceIngest

No item selected

Ingest

File transfer

Tapeless reception

Asset form

UDP transfer

Transcoding

External archive system

NLE transfer

Conforming

Activesync

Import

HSM recatalogue

Memory

Unknown

Asset status

Audio peak frame

Audio peak level

Audio wave clipping count

CMS execution date

CMS source codec

Loudness

Original source

Asset descriptive image

Flexible Dictionary


The screenshot shows the Etere Settings application. The left sidebar contains a tree view with categories like 'Customers Management', 'Devices Setting', 'Executive Editor', 'Ingest Section', 'Media Asset Management', 'Types Editor', and 'Web Configuration'. The 'Flexi-metadata' category is selected. The central pane shows a list of metadata types: 'Asset metadata', 'AUDIOMETADATA', 'Commercial', 'File info', 'Interstitial (Promo)', 'METAFILE', 'Programme', 'RL MUSIC DATA', 'Video Clip', and 'WDS Promo'. The right pane shows the 'METADATA DICTIONARY' with a list of metadata elements: 'IDENTIFIERS & LOCATORS', 'ADMINISTRATION', 'INTERPRETIVE', 'PARAMETRIC', 'PROCESS', 'RELATIONAL', 'SPATIO-TEMPORAL', 'USER ORGANISATION REGISTERED FOR PUBLIC USE', 'USER ORGANISATION REGISTERED FOR PRIVATE USE', 'EXPERIMENTAL METADATA', 'ETERE', 'Loudness', 'Audio peak level', 'Audio peak frame', 'Audio wave clipping count', 'CMS execution date', 'CMS source codec', 'Asset status', 'Original source', 'Export to federated sites', 'Last import from site', 'FILE INFO', 'MEDIA INFO', 'BATON', 'CERIFY', 'Last ingest operation', 'Last ingest username', 'Last ingest station', 'Graphic type', 'GEN21', 'LOCAL', and 'WORLDWIDE'. A callout box points to the 'Flexi-metadata' and 'Metadata Dictionary' sections.

Flexi-metadata

Metadata Dictionary

Data element name	ETERE	OF.01.00.00.00.00.00
Data element definition	ETERE metadata	
Type	NODE	Length
Defining document		Dictionary version at the introduction
Notes		

Flexi-metadata



MI_GENERAL

MI_VIDEO

MI_AUDIO_T1

MI_AUDIO_T2

MI_AUDIO_T3

MI_AUDIO_T4

MI_AUDIO_T5

MI_AUDIO_T6

MI_AUDIO_T7

MI_AUDIO_T8

Reload Form ValuesSave

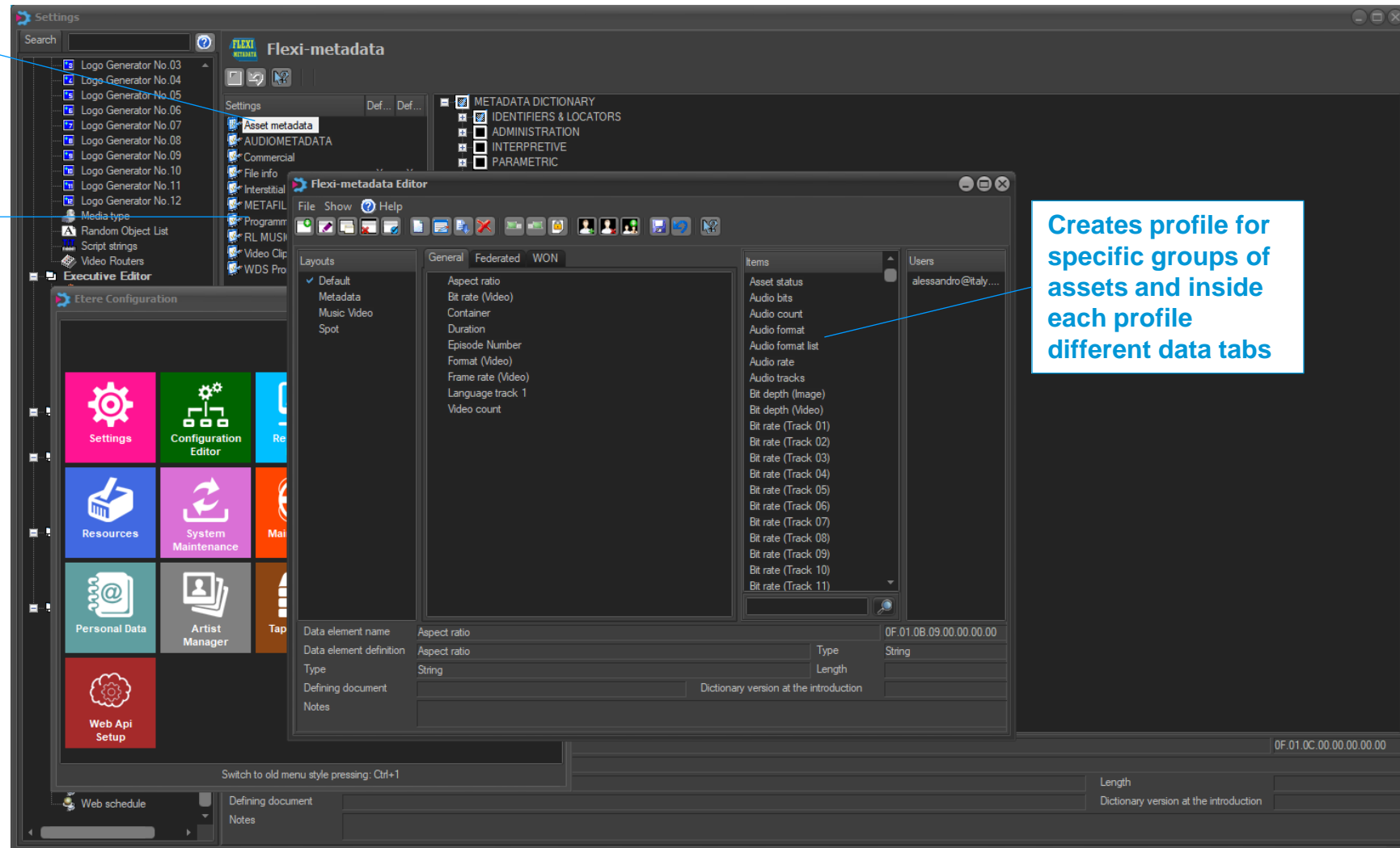
Bit rate (Track 03)	1	Bit rate
Bit rate mode (Track 03)		Bit rate mode
BitDepth (Track 03)	16	Bit depth
Channel positions (Track 03)		Channel positions
Channel positions string2 (Track 03)		Channels
Channels (Track 03)	3	Duration
Duration (Track 03)		Format
Format (Track 03)		Frame count
Frame count (Track 03)		Sampling rate
Sampling rate (Track 03)		Stream size
Stream size (Track 03)		Title
Title (Track 03)	Theme Track	

Multiple Metadata Schemas

It ensures managing custom metadata for different asset types

A proper SMPTE Metadata section allows to define eventually useful metadata (e.g.: comments, descriptions)

Creates profile for specific groups of assets and inside each profile different data tabs



Fast Metadata Editing

Etere webman

Asset ID

15090

Code

adobevtv

Title

adobevtv

Flexi-metadata

Provenance & Rights

Production

Cancel Save

Flexi-metadata

Event ID

2323

Event Date

18/12/2023 00:13:00

Event Name

News Afternoon

Event Venue

Passages

Event Type

No item selected

People

Person and Role

Bryan Cogman

Executive Producer

Christian Bale

Anchorman

Keywords

Keyboard

Language Description 1

Language Description 2

Language Description 3

Content

News

أخبار

Новости

Control

Preview

Activate Windows

Go to Settings to activate Windows.

Etere
a consistent system

Media Data

WMV

H264

HiRes

MP4

XDCam35

Etere

A consistent system

Asset

8836 TV 8836 ZOO LANDER Episode 1 Version 1

Metadata Upload / link Media data Annotations T-Workflow Relationship Operations Virtual documents Stations Task Stories

All videos: standard 8836

8836_H264.mp4 8836 8836 8836

Files

Save

Physical Path Name C:\demo_archive\hires\

Physical File Name 8836.wmv

Original Path Name

Original File Name ZOO LANDER.wmv

Size 852,40 MB

Modification time 27/05/2020 10:26:50

MD5 Checksum

Deadlines

Name

Codec code

Cloud device code

SOM / Duration

Physical path name

Physical file name

Original path name

Original file name

Size

Modification time

MD5 Checksum

Deadlines

Control Multiple Files in Multiple Places

Upload by FTP

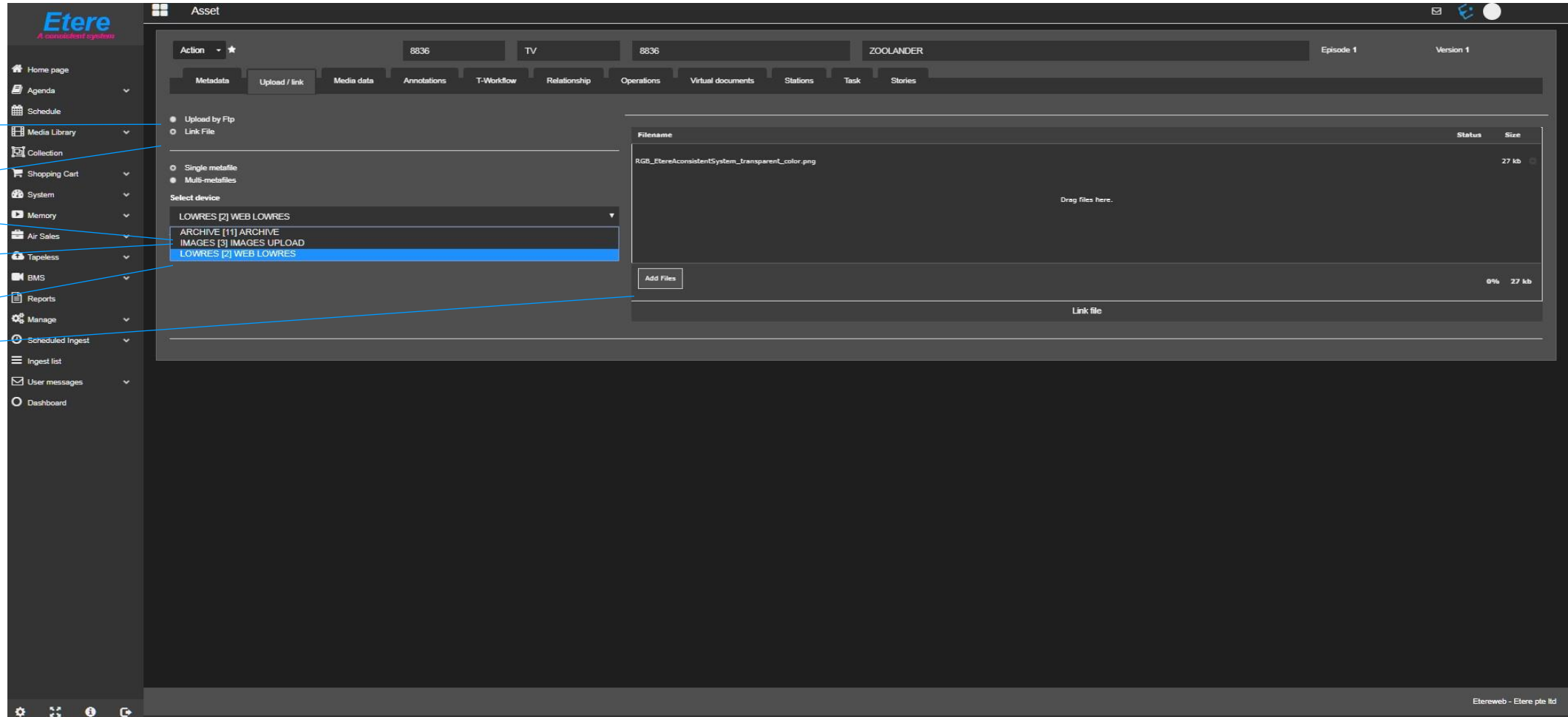
Link files

Images

Archive

Low-res

Add files



Active Stations

Stations enabled

The screenshot displays the Etere web interface. On the left is a dark sidebar with the Etere logo and a list of navigation items: Home page, Agenda, Schedule, Media Library, Collection, Shopping Cart, System, Memory, Air Sales, Tapeless, BMS, Reports, Manage, Scheduled Ingest, Ingest list, User messages, and Dashboard. The main content area is titled 'Asset' and contains a search bar with the value '8836' and a dropdown menu set to 'TV'. Below the search bar are tabs for Metadata, Upload / link, Media data, Annotations, T-Workflow, Relationship, Operations, Virtual documents, Stations, Task, and Stories. The 'Stations' tab is active, showing a list of enabled stations: MAM, ETX, NUNZIO, RADIO, RADIO LITE, and ETX2, each with a green checkmark. The bottom of the interface features a footer with the Etere logo and the text 'a consistent system'.

Document Management

Interface components and their corresponding labels:

- Add**: Button for adding new documents.
- Edit**: Button for editing document metadata.
- Delete**: Button for deleting documents.
- Download**: Button for downloading documents.
- Select all**: Button for selecting all documents in the list.
- Deselect all**: Button for deselecting all documents in the list.
- Preview**: Button for previewing documents.
- Icon**: Label for the document icon column in the table.
- Date**: Label for the document date column in the table.
- Description**: Label for the document description column in the table.
- ext**: Label for the document extension column in the table.
- User**: Label for the document user column in the table.

The interface displays a table of documents with the following data:

icon	date	description	ext	user
<input type="checkbox"/>	07/05/2020 07:40:00	MedialInfo on 8836	.bd	sis@italy.etere.com
<input type="checkbox"/>	07/05/2020 07:40:00	MedialInfo on 8836	.bd	sis@italy.etere.com
<input type="checkbox"/>	07/05/2020 05:57:00	MedialInfo on 8836	.bd	sis@italy.etere.com
<input type="checkbox"/>	03/05/2020 02:40:00	MedialInfo on 8836	.bd	sis@italy.etere.com

Below the table is a preview area labeled "preview".

Relationships

The screenshot displays the Etere Asset management interface. On the left, a hierarchical tree structure shows the following items:

- mediainfo (8821)
 - 1-CLEAN (J011002NB)
 - Versions
 - mediainfo (8821_2)
 - Remote asset

Annotations point from these items to labels: 'mediainfo (8821)' is labeled 'Promo', 'mediainfo (8821_2)' is labeled 'Version', and the entire tree structure is labeled 'Assets can be managed under a hierarchical structure'.





The main panel shows the 'Relationship' tab for asset '8821' (Type: FILM, Title: mediainfo, Episode 1, Version 1). The 'Asset data Self' table contains the following information:

Field	Value
ID	8821
Code	8821
Title	mediainfo
Type	FILM
Episode	1
Duration	00:00:13.04
Sched. Duration	00:00:30.00

Annotations point from these fields to labels on the right: ID, Code, Title, Type, Episode, Duration, and Scheduled duration.

- Create a single project
- A project contains various items
- Each item can have different versions

Series with Episodes

Thumbnail	Aspect	Code	Title	Type	Versions
Result search					
Assets					
<input type="checkbox"/>	thumbnail	aspect	code	title	type
<input type="checkbox"/>			PeakysBlindersS03-0004	PeakysBlindersS03N04	TV
<input type="checkbox"/>			PeakysBlindersS03-0003	PeakysBlindersS03N03	TV
<input type="checkbox"/>			PeakysBlindersS03-0002	PeakysBlindersS03N02	TV
<input type="checkbox"/>			PeakysBlindersS03-0001	PeakysBlinders S03	TV

Select all results

Save search with name

Saved searches

Export to excel

Export to XML

Launch T-Workflow

Add asset to series

Add to collection

Select all results

Save search with name...

Saved searches

Export to Excel

Export to XML

Launch T-Workflow

Add asset to series

Add to collection

Operations log

Operations

<div>Etere <i>A consistent system</i></div> <div><div>Home page</div><div>Agenda</div><div>Schedule</div><div>Media Library</div><div>Collection</div><div>Shopping Cart</div><div>System</div><div>Memory</div><div>Air Sales</div><div>Tapeless</div><div>BMS</div><div>Nunzio</div><div>Reports</div><div>Manage</div><div>Scheduled Ingest</div><div>Ingest list</div><div>User messages</div></div>	Asset													
	Action 8672 FULLKITCHEN1 DEMO 3: COMMERCIAL Episode 1 Version 1													
	Metadata Upload / link Media data Annotations T-Workflow Relationship Operations Virtual documents Stations Task Stories													
	Operations 1 to 30 of 44 30													
	date	status	operation	tape	part	media	field	machine	operator	source	destination	process	user	notes
	04/06/2020	🟡	Generic ope...		0		RM	WEB CLIENT	luca@italy.et...			[Workflow]: NEWS STORY APPROVAL [Action]: WS Journalist create Story (4113) [Result]: Story Created [Password]: No		
	17/06/2020	🟡	Generic ope...		0		RM	SGDEMO7	luca@italy.et...			[Workflow]: NEWS STORY APPROVAL [Action]: WS Redactor Approval (838) [Result]: Approved (1247) [Password]: No		
	18/04/2019	🟡	Create		0			SGDEMO7	sis			ActiveSync		Created asset
	18/04/2019	🟡	Edit		0			SGDEMO7	sis			ActiveSync		Updated DU...
	18/04/2019	🟡	Rec		0			SGDEMO7	sis			ActiveSync		Inserted Lin...
	09/09/2019	🟡	Rec		0			SGDEMO7	sis			ActiveSync		Inserted Lin...
	17/05/2020	🟡	Edit		0			HPELITDES...	alessandro...			ASSET MANAGER		Updated ass...
	17/05/2020	🟡	Edit		0			HPELITDES...	alessandro...			ASSET MANAGER		Updated edi...
	27/05/2020	🟡	Edit		0			SGDEMO7	sis@italy.ete...			ASSET MANAGER		Updated ass...
	27/05/2020	🟡	Edit		0			SGDEMO7	sis@italy.ete...			ASSET MANAGER		Updated ass...
	09/09/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER		Delete meta...
	09/09/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER		Updated ass...
	09/09/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER		Updated ass...
	09/09/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER		Updated ass...
	09/09/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER		Updated ass...
	09/09/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER		Updated ass...
	09/09/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER		Updated ass...
	09/09/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER		Updated ass...
	09/09/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER		Updated ass...
	09/09/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER		Updated ass...
	09/09/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER		Updated ass...
	09/09/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER		Updated ass...
	09/09/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER		Updated ass...
	09/09/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER		Updated ass...
	09/09/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER		Updated ass...
	04/10/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER		Updated ass...
	04/10/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER		Updated ass...

Date

Status

Operation

Tape

Part

Media

Field

Machine

Operator

Source

Destination

Process

User

Notes

Reports

Add to favourites

Cue sheet

Devices space per user

Devices used space

Document list

File status

Loudness

Media data

Media library logs

Missing materials

Promo Log sheet

Relationships

Resource manager logs report

Standard

Station ID log sheet

Storage days

Themes log sheet

Video tapes

The screenshot displays the Etere Reports interface. On the left is a sidebar menu with categories: Air Sales, Asset, Automation Schedule, BMS, Memory, and System. The 'Media library logs' report is selected and highlighted in blue. The main content area on the right shows the 'Media library logs' report details. It includes a search bar for 'Asset' with the value 'DEMO Closed Captions'. Below the search bar are 'Preview' and 'Download' buttons. A blue box with the text 'Preview' and 'Download' is overlaid on the interface, with arrows pointing to the corresponding buttons in the screenshot.

HSM Library Status

The screenshot shows the 'Settings' application with the 'Racks' configuration window open. The window displays a table of media racks with columns for Lines, Media code, Framerate, Free space, Used space, Total space, Percentage, and Media pool. A sidebar on the left lists various settings categories like Basic Configuration, Classes configuration, Coding Areas, Company Tables, Customers Management, and Devices Setting. Callout boxes highlight specific elements: 'Media code', 'Framerate', 'Free space', 'Used space', 'Racks management', 'Total space', 'Percentage', and 'Media pool'.

Lines	Media code	Framerate	Free space	Used space	Total space	Percentage	Media pool
1	ET1001L4	LTO5	702.52 GB	38.08 GB	740.60 GB	5%	MediaPool MET (...)
2	455AAGL5	LTO5	1.30 TB	12.20 GB	1.31 TB	0%	MediaPool LTFS
3	CHRISTL4	LTO5	714.89 GB	17.65 GB	732.54 GB	2%	MediaPool Memory
4	456AAGL5	LTO5	1.36 TB	187.28 MB	1.36 TB	0%	MediaPool AXF
5						0%	
6						0%	
7	457AAGL5	LTO5	1.36 TB	1.96 GB	1.36 TB	0%	MediaPool 2nd Co...
8	ET1002L4	LTO5	1.36 TB	0	1.36 TB	0%	MediaPool MET (...)
9						0%	
10						0%	
11						0%	
12						0%	
13						0%	
14						0%	
15						0%	
16						0%	
17						0%	
18						0%	
19						0%	
20						0%	
21						0%	
22						0%	
23						0%	

No.	Media code	Framerate	Free space	Used space	Total space	Percentage	Media pool
256	458AAGL5	LTO5	1.36 TB	536.82 MB	1.36 TB	0%	MediaPool MET (...)
257	459AAGL5	LTO5	1.36 TB	729.94 MB	1.36 TB	0%	MediaPool Vuoto
3						0%	
4						0%	
5						0%	

Digital Tape Content

Tape info

Tape Info

Show Options Help

Code

ET1001L4

Type

LT05

Title

ET1001L4

Type

Data Tape

Barcode

ET1001L4

S...	Q...	C...	Code	Description	Metafile	Start	End	File Name	Size	Source Path
						4	415	varelli.mxf	25.33 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
						416	1272	unitel.mxf	53.13 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
						1273	37491	TRL_370676.MXF	2.21 GB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
H			PROMOP2	PROMOP2	PromoP2	37492	39792	PromoP2.mxf	143.41 MB	\\ETLIBRARYWS2008\HSMCache\
H			PROMOP1	PROMOP1	PromoP1	39793	40487	PromoP1.mxf	43.05 MB	\\ETLIBRARYWS2008\HSMCache\
L			PREMIUM SPOT	PREMIUM SPOT	Premium Spot	40488	44160	Premium Spot.MXF	229.13 MB	\\ETLIBRARYWS2008\HSMCache\
L			PARAMOUNT8	PARAMOUNT8	PARAMOUNT8	44161	45888	PARAMOUNT8.mxf	107.58 MB	\\ETLIBRARYWS2008\HSMCache\
L			PARAMOUNT7	PARAMOUNT7	PARAMOUNT7	45889	47616	PARAMOUNT7.mxf	107.56 MB	\\ETLIBRARYWS2008\HSMCache\
L			PARAMOUNT6	PARAMOUNT6	PARAMOUNT6	47617	49344	PARAMOUNT6.mxf	107.57 MB	\\ETLIBRARYWS2008\HSMCache\
						49345	51072	PARAMOUNT5.mxf	107.58 MB	\\ETLIBRARYWS2008\HSMCache\
						51073	52800	PARAMOUNT4.mxf	107.57 MB	\\ETLIBRARYWS2008\HSMCache\
						52801	56249	PARAMOUNT3.mxf	215.13 MB	\\ETLIBRARYWS2008\HSMCache\
						56250	59874	nikepub414400.mxf	226.15 MB	\\ETLIBRARYWS2008\HSMCache\
						59875	81454	geordiepromo.mxf	1.32 GB	\\ETLIBRARYWS2008\HSMCache\
						81455	83191	despicableme2promo.mxf	108.17 MB	\\ETLIBRARYWS2008\HSMCache\
L			SOUTHPARK-0401	SOUTHPARK-0401	SOUTHPARK-0401	83192	240702	SOUTHPARK-0401.mxf	9.61 GB	\\ETLIBRARYWS2008\HSMCache\
						240703	243400	169un.mov	168.20 MB	\\etlibraryws2012\HSM_CACHE\CACHE_2\
						243401	264849	414400IMX50.mxf	1.31 GB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			serie01-0001	serie 1 - No.0001	43un	264850	269186	43un.mov	270.64 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			serie01-0002	serie 1 - No.0002	A11C21AG	269187	333786	A11C21AG.mxf	3.94 GB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			serie01-0003	serie 1 - No.0003	ABN_PROMO1	333787	338306	ABN_PROMO1.mxf	282.09 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			serie01-0004	serie 1 - No.0004	ABN_PROMO2	338307	341821	ABN_PROMO2.mxf	219.31 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			serie01-0005	serie 1 - No.0005	ABN_PROMO3	341822	344831	ABN_PROMO3.mxf	187.72 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			serie01-0006	serie 1 - No.0006	ABN_PROMO3_HD_1080i	344832	345670	ABN_PROMO3_HD_1080i.mxf	52.02 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			serie01-0007	serie 1 - No.0007	ACE OF BASE	345671	352139	ACE OF BASE.mpg	403.91 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			serie01-0008	serie 1 - No.0008	ARCLIPB	352140	387180	ARCLIPB.MXF	2.14 GB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			serie01-0009	serie 1 - No.0009	BRAVE	387181	403197	BRAVE.mxf	1,000.69 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			serie01-0010	serie 1 - No.0010	BRAVE_SD	403198	404571	BRAVE_SD.mxf	85.44 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
			52395	C0002	C0002	404572	406501	C0002.MXF	120.19 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
			HAKA	C0003	C0003	406502	408115	C0003.Mxf	100.45 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
			C0005	C0005	C0005	408116	409445	C0005.mxf	82.72 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
			C0006	C0006	C0006	409446	410379	C0006.mxf	57.95 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
			101275	C0007	C0007	410380	414372	C0007.mxf	249.14 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
			105052	CACCIA	CACCIA	414373	416907	CACCIA.mxf	158.06 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
			247	chrismae	chrismae	416908	417234	chrismae.MXF	20.01 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
			51TAP	CS01	CS01	417235	419284	CS01.mxf	127.75 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
			CS02	CS02	CS02	419285	425308	CS02.mxf	376.07 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
			CS03	CS03	CS03	425309	431839	CS03.mxf	407.79 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
			CS04	CS04	CS04	431840	456632	CS04.mxf	1.51 GB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
			ANALYZETHIS	ANALYZETHIS	CS05	456633	476550	CS05.mxf	1.22 GB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
						476551	476874	CS-48589.mxf	19.87 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
						476875	511394	DoNotDeleteMe.mxf	2.11 GB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
						511395	512438	DPRS02180.mxf	64.87 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
						512439	513482	DPRS02181.mxf	64.87 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...

Tape Information

Tape generation

Tape format

Tape barcode

Archive location

The screenshot shows the 'MAM, Tape Library' application window. It has a menu bar with 'File' and 'Tools', and a toolbar with various icons. Below the toolbar are 'Search' and 'Tape' tabs. The 'Tape' tab is active, displaying a form for entering tape details. The form includes fields for ID (3), Code (455AAGL5), Title (455AAGL5), Description, Tape Type (dropdown), Media Format (LT05), Barcode (455AAGL5), Date (dropdown), Last access (10/04/2017), Read only (checkbox), Unusable (checkbox), and Media Pool (TO NOT USE). At the bottom, there are tabs for 'Archive Location', 'Notes', and 'Operations'. The 'Archive Location' tab is active, showing fields for Rack Location, Archive Location (etlibraryws2012\IBM 3573-TL), Slot (4), and References.

ID	3
Code	455AAGL5
Title	455AAGL5
Description	
Tape Type	
Media Format	LT05
Barcode	455AAGL5
Date	
Last access	10/04/2017
Read only	<input type="checkbox"/>
Unusable	<input type="checkbox"/>
Media Pool	TO NOT USE
Archive Location	
Notes	
Operations	
Rack Location	
Archive Location	etlibraryws2012\IBM 3573-TL
Slot	4
References	

Racks Management

Container Management

File Configuration ?

MAM

Racks

- EMANUELEB8\Etete DiskLibr
- ETLIBRARYWS2008\IBM 357
 - rows: 23
 - columns: 1
- ETLIBRARYWS2008\IBM UL
- ETLIBRARYWS2012\Etete Di
- ETLIBRARYWS2012\IBM 357
- ETLIBRARYWS2012\IBM UL
- LTO offline rack
- Rack Room #1**
 - rows: 15
 - columns: 15

Rack Room #1

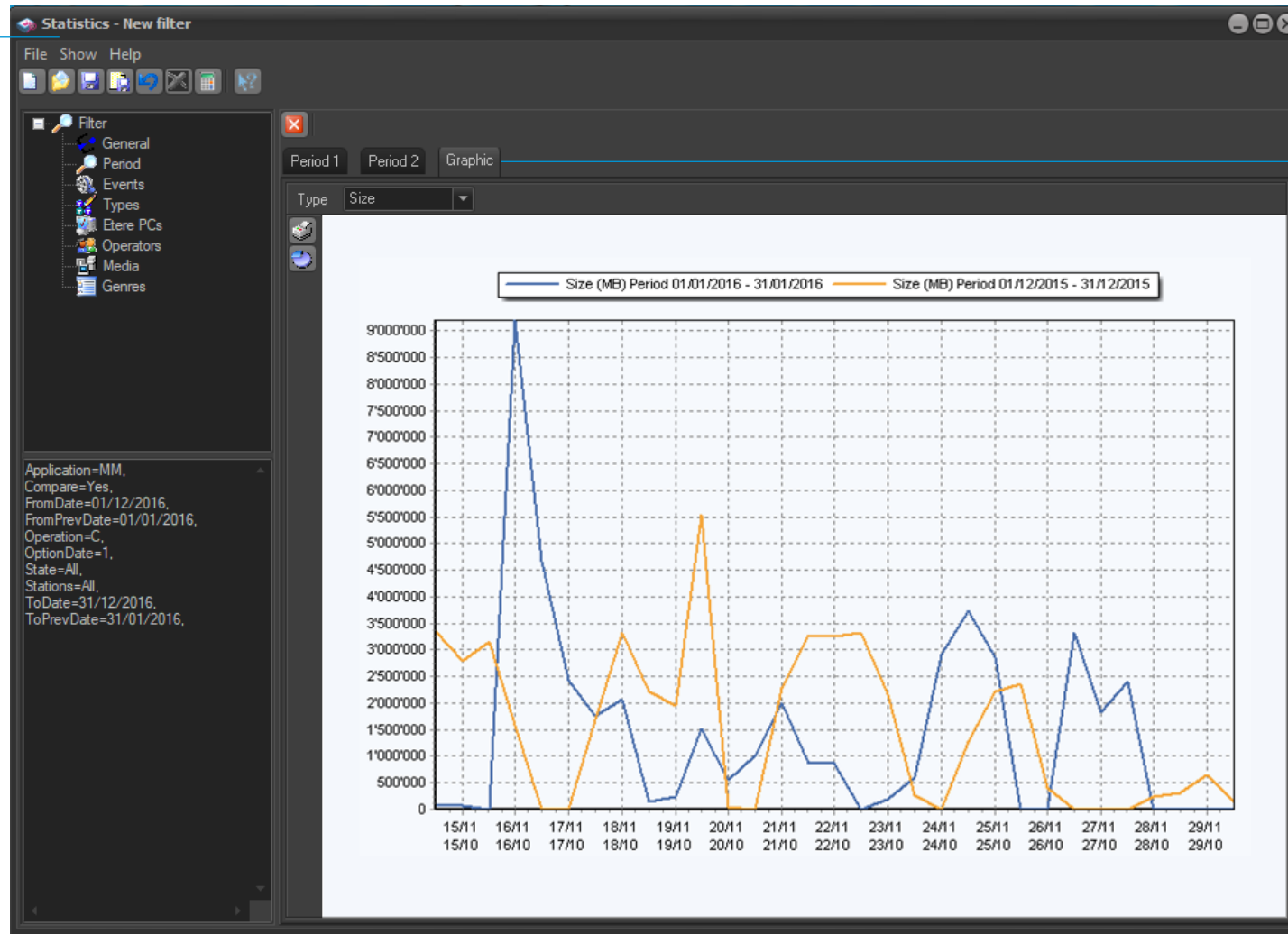
	1	2	3	4	5	6	7	8	9	10
1	Type: LTO Tapes [1/1] BETA461 - BETA4	Type: LTO Tapes [1/1] BETA465 - BETA4	Type: LTO Tapes [1/1] MET000000000000	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]
2	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [1/1] MET000000000000	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]
3	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]
4	Type: LTO Tapes [0/1]	Type: LTO Tapes [1/1] BETA482 - BETA4	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]
5	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]
6	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]
7	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]
8	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]
9	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]	Type: LTO Tapes [0/1]

Racks list

Position
inside
racks

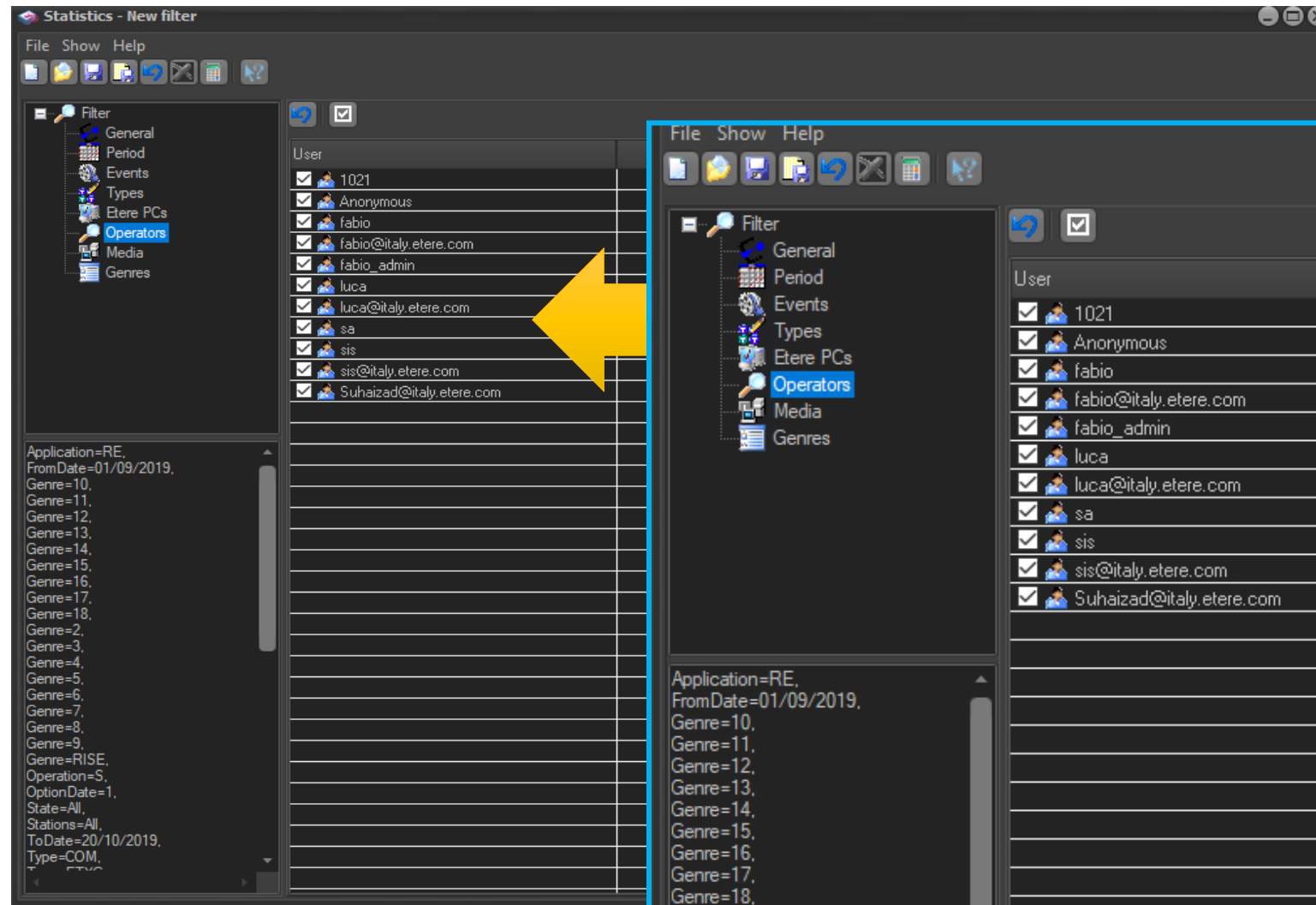
From Log to Statistics

Statistics – New Filter



Graph

Statistics Users



Search



Full Text Search

Etere
A consistent system

Home page

Agenda

Schedule

Media Library

Collection

Shopping Cart

System

Memory

Air Sales

Tapeless

BMS

Nunzio

Reports

Manage

Scheduled Ingest

Ingest list

User messages





Full text search

peaky

Search

Assets

Action

	thumbnail	aspect	code	title	type	versions
<input type="checkbox"/>			Peaky BlindersS03-0004	Peaky BlindersS03N04	TV	1
<input type="checkbox"/>			Peaky BlindersS03-0003	Peaky BlindersS03N03	TV	1
<input type="checkbox"/>			Peaky BlindersS03-0002	Peaky BlindersS03N02	TV	1
<input type="checkbox"/>			Peaky BlindersS03-0001	Peaky Blinders S03	TV	1

Advanced Search

Code

Title

Types

Version

Duration

ID

Etere
A consistent system

Home page

Agenda

Schedule

Media Library

Search

Advanced Search

New Asset

New Series

Favorites

Collection

Shopping Cart

System

Memory

Air Sales

Tapeless

BMS

Nunzio

Reports

Manage

Scheduled Ingest

Ingest list

User messages

Advanced search

General

Code8838

TitlePeaky

TypesETX GRAPHICS x Series x

Version2

Duration26:56:52.5312:42:69.33

ID8632

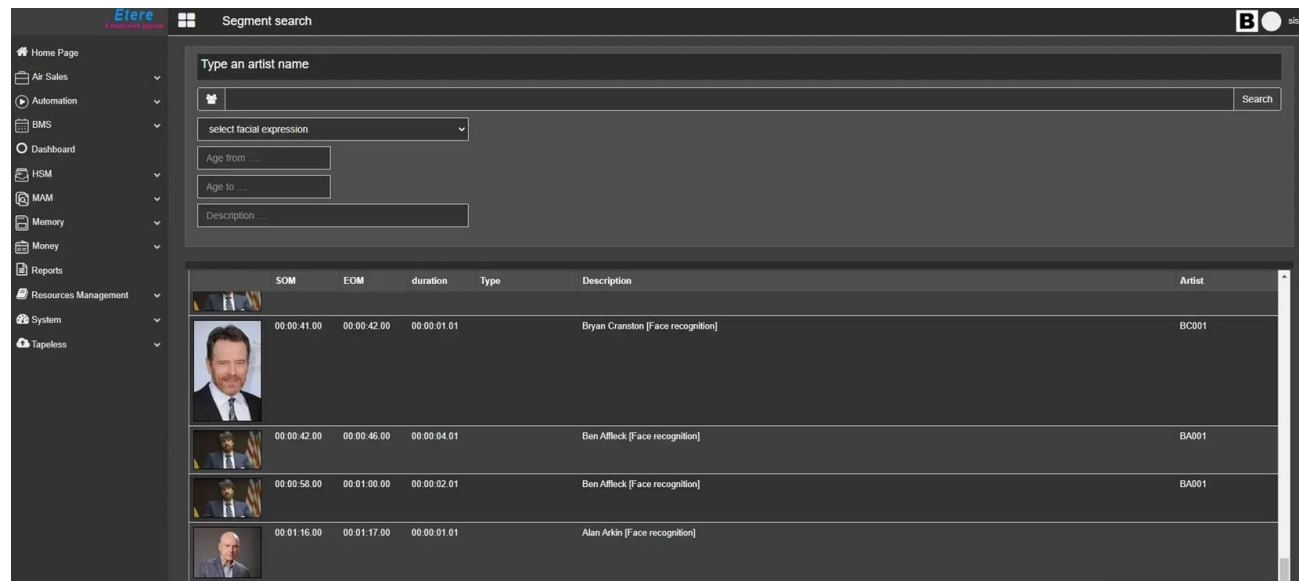
Search

AI for Face Recognition



Face Recognition

- AI-driven technology uses facial recognition to analyze individual scenes in the media library
- Better control over a very large media library
- Easy to search for and repurpose media files



Etere AI For Face Recognition

- Etere include an AI product for face recognition
- It's able via workflow to scan all your archive and give you a list of the segments where a face appear
- Very useful for automatic metadata in news system
- Very powerful and fast search

Search Using Face Recognition

demo.etere.com/SegmentSearch/Index?searchText=jessica





Etere
A consistent system

Segment search

Crucianelli Luca

type an artist name

jessica Search

	SOM	EOM	duration	Type	Description	Artist
	00:00:02.04	00:00:14.00	00:00:11.22		Jessica Chastain Interview	Jessica Chastain
	00:00:40.08	00:01:01.08	00:00:21.01		segment 2	Jessica Chastain
	00:00:04.23	00:00:07.14	00:00:02.17		Jessica Chastain segment	Jessica Chastain
	00:00:12.07	00:00:16.06	00:00:04.00		In the News	Jessica Chastain

SOM EOM Duration Type Description

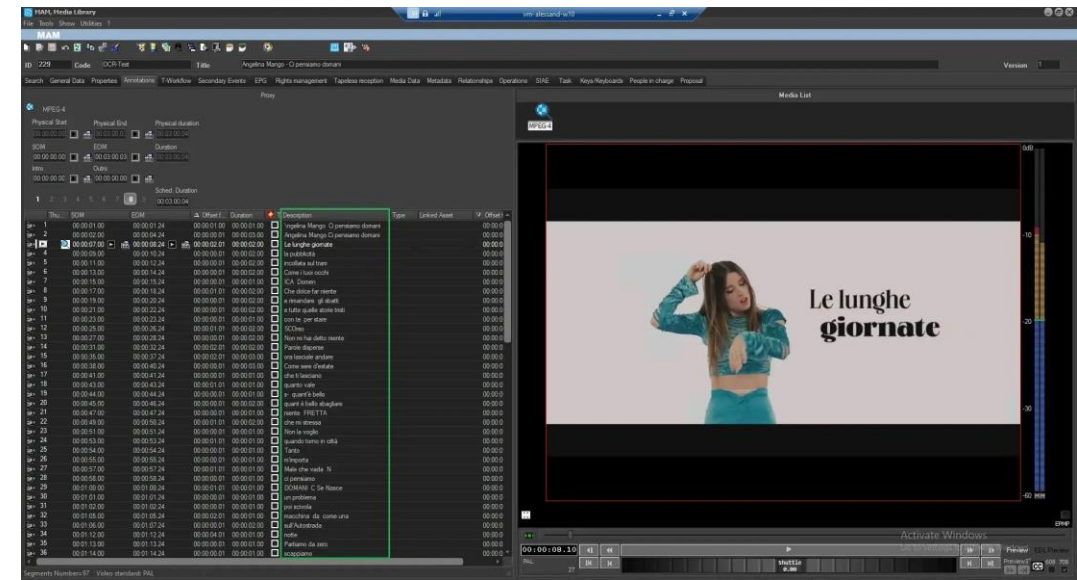
Optical Character Recognition (OCR)



Optical Character Recognition (OCR)

Optical Character Recognition (OCR) technology recognizes text within a digital image. It is commonly used to identify text in scanned documents and photos.

- Provides the software tools to enhance content management and optimization
- Streamline your media library to enable easy search and retrieval of assets
- User-friendly interface
- Rich metadata enhancement
- Increases operational efficiencies



T-Workflow

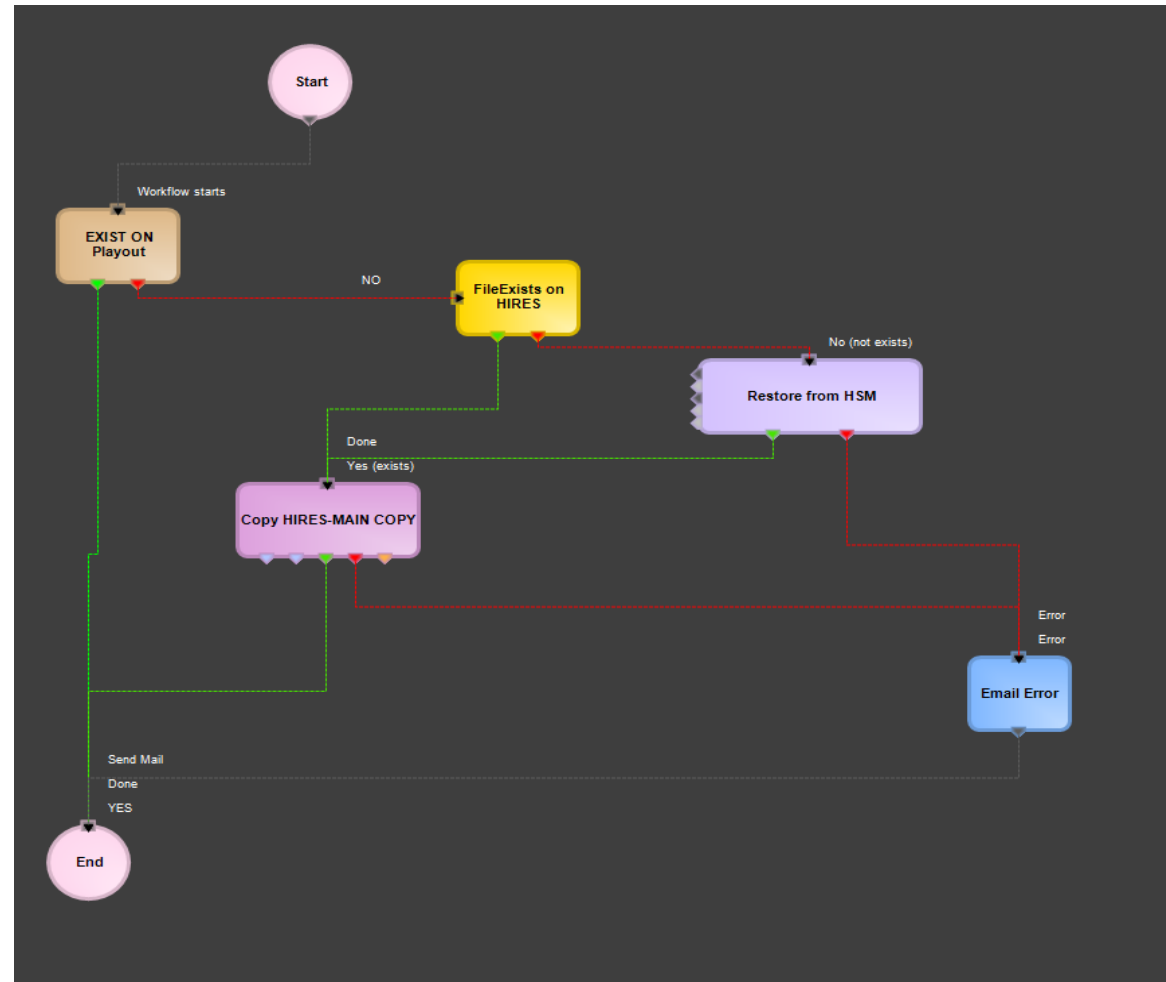
You can design Etere as you wish



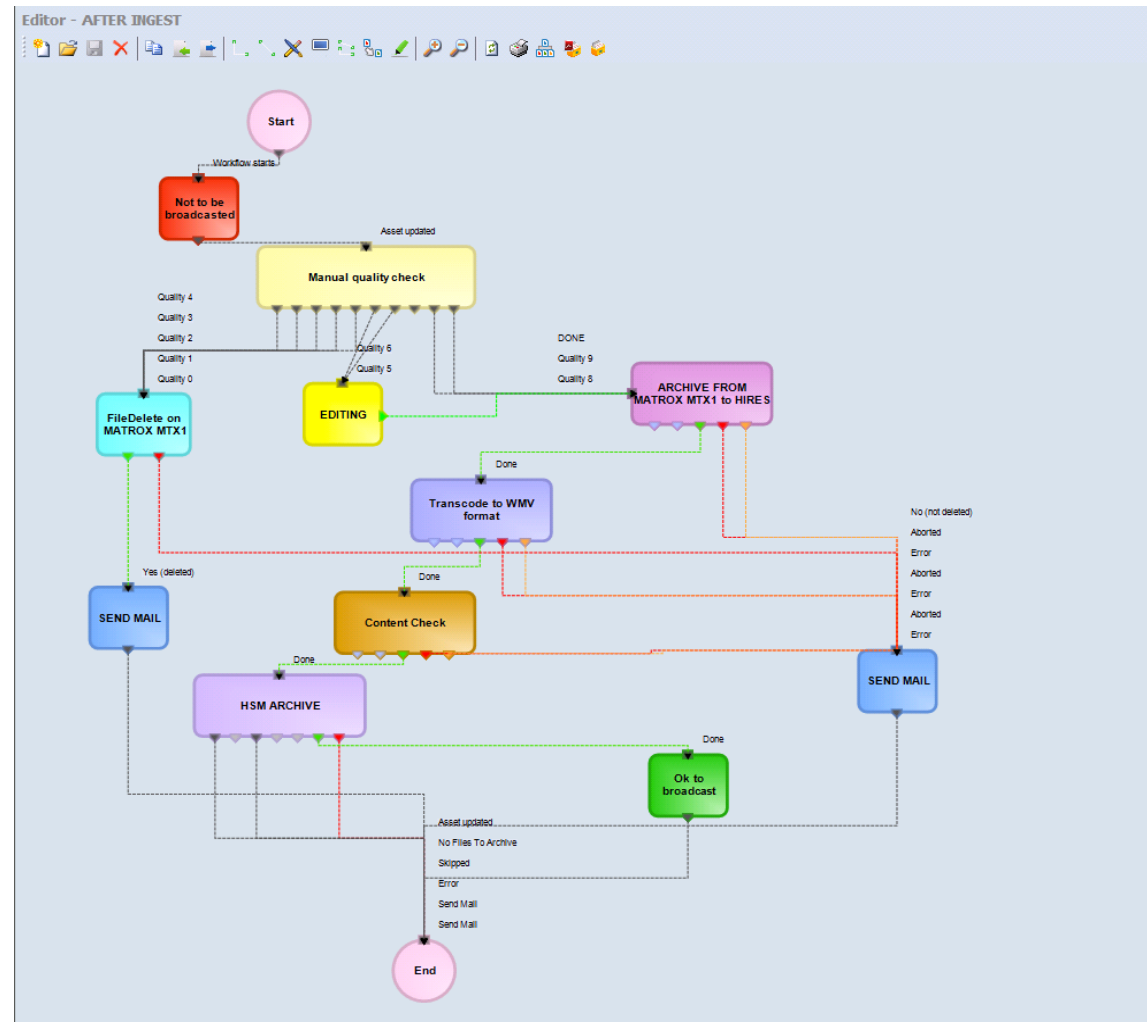
Etere T-Workflow

- Etere approach is unique
- It combines the IT-based workflow technologies with the management of video content
- Etere T-Workflow can be fully customer designed
- It uses all the Etere technologies for redundancy and load balancing
- Easy to use easy to control

Restore / Payout Workflow

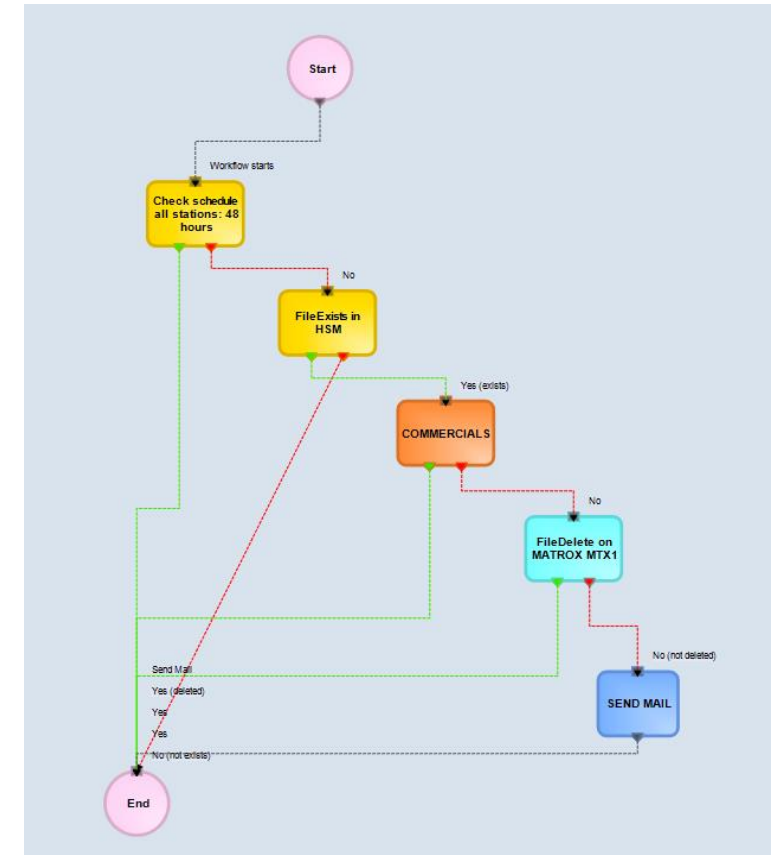


TV Workflow



Free On-air Server

- You wish to delete from on-air server everything not scheduled on next 24 hours
- But not commercials



Send Files to OTT

- Simply select the list of the asset and attach a workflow
- Workflow can export asset and metadata



How to Use

- Simply attach and start the workflow to an asset
- A set of workflow is automatically executed
- When you ingest
- When you transfer a file via Etere Web
- When you wish to retrieve from Etere Web
- When a file is discovered by Etere Active Sync
- When you publish a schedule
- Or selecting one or multiple assets

Check Status on Asset Form

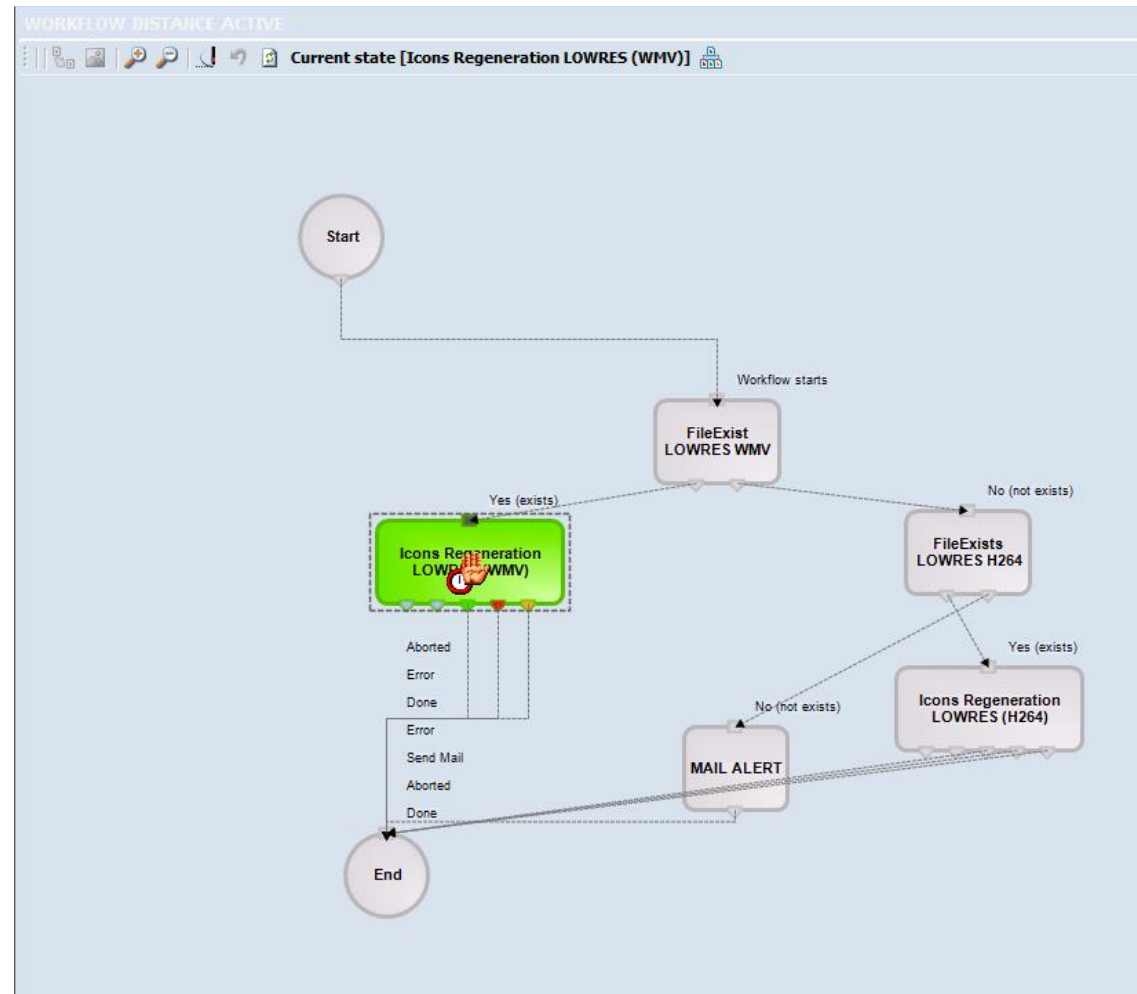
The screenshot displays the Etere Asset Form interface. On the left is a sidebar with navigation options: Home page, Agenda, Schedule, Media Library, Collection, Shopping Cart, System, Memory, Air Sales, Tapeless, BMS, Nunzio, Reports, Manage, Scheduled Ingest, Ingest list, and User messages. The main area is titled 'Asset' and contains a form for 'ADVANCED QC ON HIRES'. The form includes tabs for Metadata, Upload / link, Import images, Media data, Show images, Annotations, T-Workflow, Relationship, Operations, Virtual documents, Stations, Task, and Stories. The 'T-Workflow' tab is active, showing a workflow named 'XCODE- H264'. The workflow status is 'Workflow active', and the action is 'XCode CM in H264 on LOWRES'. Below the workflow details are buttons for Start, Restart, Abort, Reset, Delete, View diagram, and a refresh icon. A 'Log' section at the bottom shows a table of actions.

Workflow Status

Log

date	action	category	status	result	message	worker login name	user
16/07/2020 17:18:55	Set CM on etrc1	Asset	Workflow active	0	Parameter: Metafield Value: 4625		

Visual Status Check



Workflow Search

- By **workflow**: All assets running a selected workflow
- By **action**: All assets performing the selected action in any workflow
- By **workflow and status**: All assets running a workflow and having the selected status
- By **workflow and action**: All assets running a workflow and performing the selected action
- By **status and action**: All assets having the selected status performing a particular action

Search by Workflow

T-workflow

Status

Action

Executed by

Start date

Last updated date

Search also
expired assets

MAM, Media Library

File Tools Show Utilities ?

MAM

ID 142 Code 142 Title 4K-Italy2 [H264 PAL] Version 1

Search General Data Properties Media T-Workflow Secondary Events Metadata Rights management Tapeless reception Technical Data Rexi-metadata Relationships Operations Resources management

Standard Full-text All

ID 142

Code 142

Title 4K-Italy2 [H264 PAL]

Types J

LIVE ☐

Exclude ☐

T-Workflow Task_alessandro Preview

Status Workflow active

Action AssignTask_test

Waiting

Executed by Mancini Alessandro

Start date 29/11/2019 29/11/2019

Last update date 29/11/2019 29/11/2019

☐ Search also expired assets

Reset Search

ID	Code	Title	Media	Episode	Duration	EDL 9
142	142	4K-Italy2 [H264 PAL]		1	00:01:13.08	
1213	1213	test227986_easy ingest		1	00:00:30.01	
1214	1214	test227986_easy ingest1		1	00:01:00.01	
1215	1215	test227986_multif. ingest		1	00:00:45.01	
1216	1216	test227986_multif. ingest1		1	00:00:30.01	
1217	1217	test227986_sched. ingest		1	00:01:00.00	
1228	1228	test231411_CEA608		1	00:02:05.03	
1229	1229	test231411_CEA708		1	00:00:20.04	
1233	1233	barilamp15b		1	00:00:15.00	
1236	1236	test_external mover exe		1	00:00:05.00	
1240	1240	test241873_Loudness -35/-15		1	00:00:28.10	
1242	1242	TestConforming		1	00:01:20.17	
1243	1243	Head asset_1		1	00:49:32.02	
125	125	4K-Italy1		1	00:04:00.07	
1260	1260	Test segments_241680		1	00:43:53.08	
13	13	Spot 1		1	00:00:15.00	
1322	1322	20		1	00:27:00.15	
1323	1323	a b c d e f		1	00:01:06.02	
1324	1324	1323		1	00:01:06.02	
1325	1325	COM - Spot Segafredo		1	00:00:30.00	
1334	1334	live_1h		1	00:00:00.01	
1343	1343	TEST UPLOAD WEB		1	00:00:00.01	

Execution time: 00:00:05 Page: 1/1 Records: 1/1 Sorted by: Code Duration: 0:01:13.08/0:01:13.08 0

Global Workflow Status

Etere
A consistent system

Home page

Agenda

Schedule

Media Library

Collection

Shopping Cart

System

T-Workflow Monitor

HSM Media

HSM Work Queue

Reports

Memory

Air Sales

Tapeless

BMS

Nunzio

Reports

Manage

Scheduled Ingest

Ingest list

User messages

T-Workflow Monitor

Apply filter Refresh go to datamover monitor

Workflow Status Objects

T-Workflows1 to 10 of 16810

	object	id	code	descr.	t-workflow	action	status	result	message	deadline	priority	started	updated	IP
<input type="checkbox"/>	Asset	8822	8822	WINE	XCODE- H264	XCode CM in H264 on LOWRES	active	0	Metafile found (id_metafile:4625 id_metadevice:37 id_codec:0)		0	16/07/2020 17:18	16/07/2020 17:18	
<input type="checkbox"/>	Asset	8822	8822	WINE	ADVANCED QC ON HIRES		complete	0	file not found		0	16/07/2020 17:17	16/07/2020 17:17	
<input type="checkbox"/>	Asset	8626	8626	DEMO 2- MOVING LOGOS3	XCODE- H264	XCode CM in H264 on LOWRES	active	0	Metafile found (id_metafile:4545 id_metadevice:37 id_codec:0)		0	15/07/2020 16:44	15/07/2020 16:44	
<input type="checkbox"/>	Asset	8849	8849	prova	SC CONFORMING MXF - H264	Conforming MXF - H264	active	0			0	13/07/2020 18:20	13/07/2020 18:20	
<input type="checkbox"/>	Asset	8626	8626	DEMO 2- MOVING LOGOS3	SC CONFORMING MXF - H264	Conforming MXF - H264	active	0			0	13/07/2020 18:20	13/07/2020 18:20	
<input type="checkbox"/>	Asset	8849	8849	prova	SC TRANSCODING		complete	0			0	13/07/2020 18:19	13/07/2020 18:19	
<input type="checkbox"/>	Asset	8626	8626	DEMO 2- MOVING LOGOS3	SC TRANSCODING		complete	0			0	13/07/2020 18:19	13/07/2020 18:19	
<input type="checkbox"/>	Asset	9092	14	prova cart	SC START	Start Shopping Cart	active	0			0	13/07/2020 18:19	13/07/2020 18:19	
<input type="checkbox"/>	Asset	9096	8918	Coronavirus: Thrifty Germany takes on debt ...	NEWS STORY APPROVAL	WS Journalist create Story	active	0	Updated asset 9096 to Not to be broadcasted		0	13/07/2020 16:09	13/07/2020 16:09	
<input type="checkbox"/>	Asset	9095	8918	Absence of US tourists hammers Italy's Ame ...	NEWS STORY APPROVAL	WS Journalist create Story	active	0	Updated asset 9095 to Not to be broadcasted		0	13/07/2020 16:07	13/07/2020 16:07	

<<<1>>>

Object

ID

Code

Description

T-Workflow

Action

Status

Result

Message

Deadline

Priority

Started

Updated

Etereweb - Etere pte ltd

Resource Management

When Moving Files



A More Efficient Workflow

- Etere Enterprise Resources Management improves your workflow
- We do not change your tasks but make them more efficient
- Etere Ecosystem enhances your job organization
 - Generate Work Order
 - Track Work Order
 - Track expenses
 - Manage files and rights
 - Manage resources
 - Generate agendas

Etere Agenda

- It's the central job repository
- No more crawling between applications to perform your tasks
- One single click and you are redirected to:
 - Preview approve
 - Asset data management
 - Subtitling
 - Ingest
 - Dubbing

Resources Planning

RESOURCE MANAGEMENT

Etere
a consistent system

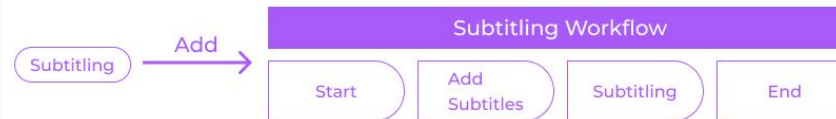
Define a Cost Structure

WO Template	Subtitling	Dubbing	Editing	Promos
Default Cost	2	2	2	2
	Dollars	Units	Hours	Days

Create a Worksheet Action

WO Template		
To Assign	Role: Censor	Cost: 2 hrs
To Invoice	Deadline: 7 days	Output: 2

Add the Worksheet to a Workflow



Attach and Start the Workflow



Etere
a consistent system

User Agenda

Etere
A consistent system

Home page

Agenda

Tasks

Calendar

Schedule

Media Library

Collection

Shopping Cart

System

Memory

Air Sales

Tapeless

BMS

Reports

Manage

Scheduled Ingest

Ingest list

User messages

Dashboard

Agenda

Action

Available tasks

All

First 50

Refresh

Agenda

	status	id	code	task	start date	due date	title	group	thumbnail
<input type="checkbox"/>	✖	8836	8836	REVIEW AND APPROVAL	14/05/2020	15/05/2020	ZOOLANDER	Everyone	
<input type="checkbox"/>	✖	9075	9075	REVIEW AND APPROVAL	13/07/2020	14/07/2020	The Election	Everyone	
<input type="checkbox"/>	✖	8834	Spot_Caffe_Segafredo_2018	REVIEW AND APPROVAL	20/07/2020	21/07/2020	Spot_Caffe_Segafredo_2018	Everyone	
<input type="checkbox"/>	✖	8891	8891	REVIEW AND APPROVAL	20/07/2020	21/07/2020	prova	Everyone	
<input type="checkbox"/>	✖	8815	LIVE NDI	REVIEW AND APPROVAL	05/08/2020	06/08/2020	DEMO: LIVE NDI	Everyone	
<input type="checkbox"/>	✖	8766	F102035ENOITACHOEM	REVIEW AND APPROVAL	17/08/2020	18/08/2020	DEMO 7	Everyone	
<input type="checkbox"/>	✖	8626	8626	REVIEW AND APPROVAL	27/08/2020	28/08/2020	DEMO 2: MOVING LOGOS3	Everyone	
<input type="checkbox"/>	✖	10357	10357	REVIEW AND APPROVAL	02/09/2020	03/09/2020	DEMO 2	Everyone	
<input type="checkbox"/>	✖	10358	10358	Recording_Task	10/09/2020	11/09/2020	DEMO Closed Captions	Everyone	

Status

ID

Code

Task

Start date

Due date

Title

Group

Thumbnail

Etereweb - Etere pts ltd

Easy Preview

Task
Virtual documents
Task details
Status
Priority
T-Workflow
Action
Period
Assignee
Notes
Cost
To invoice
Notes
Results

The image shows a screenshot of a video production software interface, likely for a task management or production tracking system. The interface is divided into several sections: a top header bar, a left sidebar, a main content area, and a bottom section. The top header bar contains fields for 'Action', 'ID' (8672), 'Code' (FULLKITCHEN1), 'Title' (DEMO 3: COMMERCIAL), 'Episode 1', and 'Version 1'. The left sidebar has two tabs: 'Task data' and 'Virtual documents'. Under 'Task data', there are fields for 'Status' (yellow), 'Priority' (Normal), 'T-Workflow' (ARCHIVE AND QC), 'Action' (Recording Task), 'Period' (08/05/2020 15:15:36 09/05/2020 15:15:36), 'Assignee' (Yang Rachel), and 'Notes'. Below these are 'Costs' (Select a type), 'To invoice' (checkbox), and 'Notes' (text area). At the bottom left, there are 'Result' buttons: 'Recording DONE' and 'Recording FAULT'. The main content area on the right features a video player showing a commercial with Thai text 'ซื้อแล้วแลกเลย' (Buy now, exchange now) surrounded by gift icons. Below the video player is a timeline with a playhead at 00:00:36:00. At the bottom right, there is a table with 9 columns, each with a number 1 through 9. The table contains rows of data with columns for 'Edit', 'Delete', 'SOM', 'EOM', 'DUR', and 'Type'. The first row is highlighted in green. The interface is dark-themed with blue and yellow accents. Blue lines with arrows point to various elements: the 'Task data' tab, the 'Status' field, the 'T-Workflow' field, the 'Action' field, the 'Period' field, the 'Assignee' field, the 'Notes' field, the 'Costs' field, the 'To invoice' checkbox, the 'Notes' text area, the 'Recording DONE' button, the 'Recording FAULT' button, the video player, the timeline, and the table.

One Click Access

Open Asset

The screenshot illustrates the 'One Click Access' workflow in the Etere CMS. It shows the 'Agenda' table with a 'Recording Task' entry. A blue arrow points from the 'Open Asset' button in the 'Task' panel to the 'Asset' panel. Another blue arrow points from the 'Recording Task' in the 'Agenda' table to the 'Task' panel. A third blue arrow points from the 'Open Asset' button to the 'Asset' panel. The 'Asset' panel displays a video frame and a list of metadata fields.

Agenda Table:

status	task	code	start date	due date
	Recording Task	FULLKITCHEN1	08/05/2020	09/05/2020

Task Panel:

Task ID: 8672, Code: FULLKITCHEN1, Title: DEMO 3, Episode 1, Version 1

Asset ID: 8672, Code: FULLKITCHEN1, Title: DEMO 3, Episode 1, Version 1

Asset Panel:

Asset ID: 8672, Code: FULLKITCHEN1, Title: DEMO 3, Episode 1, Version 1

Asset Metadata:

Field	Value
Asset status	Approved
Audio peak frame	
Audio peak level	
Audio wave clipping count	
CMS execution date	
CMS source codec	
Loudness	
Original source	Activesync

Asset Status

Audio peak frame

Audio peak level

Audio wave clipping count

CMS execution date

CMS source codec

Loudness

Original source

Cost Control



Cost Control

Assignee

Task or Appointment

Dates

Calendar

Cost / Budget

Resources

Assign worksheets

Job info

T-Workflow: WS TEST

Action: Worksheet Test

Asset: 02BD0000000000000089_FFMPEG

Assignee

Assignee: USERWEB

Group:

Job type: ☒ Task ☐ Appointment

Start: 04 December 2015 - 16:24

End: 28 February 2017 - 00:00

Budget: 5 hours

5,00

Notes:

Resources

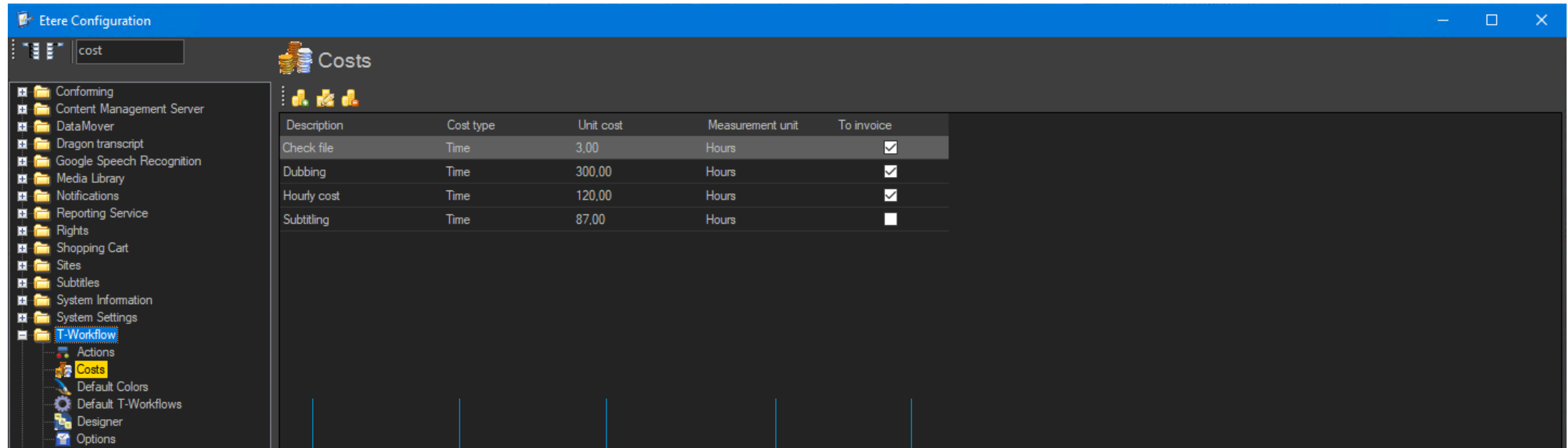
Description	Start date	End date
MR Userweb4	04/12/2015 16:24:01	28/02/2017 00:00:00
1080	04/12/2015 16:24:01	28/02/2017 00:00:00

Ok Cancel

Each Task Can Have a Cost

- Cost is category and default value is pre-determined when task is built
- Cost categories can be configurable as
 - Money
 - Operator Time
 - Equipment time
 - External organization cost
- All those costs and their values are fully customizable
- Time used is automatically detected

Cost Categories



cost

Costs

Description	Cost type	Unit cost	Measurement unit	To invoice
Check file	Time	3,00	Hours	<input checked="" type="checkbox"/>
Dubbing	Time	300,00	Hours	<input checked="" type="checkbox"/>
Hourly cost	Time	120,00	Hours	<input checked="" type="checkbox"/>
Subtitling	Time	87,00	Hours	<input type="checkbox"/>

Description

Cost Type

Unit Cost

Measurement Unit

To Invoice

Cost by Asset

Resources Management

Assignee

Results

[illegible]

Detailed Report



CHANNEL 1

Media library logs [Resources manager]

Media library logs [Resources manager]

2281 - Pyramids of Death

Digital Certificate

Date	Workflow	Action	Result	Machine	Operator	Notes	Certified	Pwd
17/09/2012 17.43.46	ActionTest Censorship	Censorship (3541)	Approved	ROBERTOW 7	roberto	checked all parts	Yes	Yes
17/09/2012 18.04.18	ActionTest Audio level check	Audio level check (3527)	Audio level OK	ROBERTOW 7	roberto	checked all audio levels	Yes	No
17/09/2012 18.04.37	ActionTest WS generate subtitles	WS generate subtitles (3186)	Subtitles done	ROBERTOW 7	roberto	english and italian subtitles	Yes	No

Additional Password

Edit Integration



Search for Assets

- Code
- Duration
- ID
- Version
- Types
- Title

Advanced search

General

Code: 8838

Duration: [] []

ID: []

Version: 1.2

Types: COMMERCIALS x FILM x Series x

Title: Peaky Blinders

Search

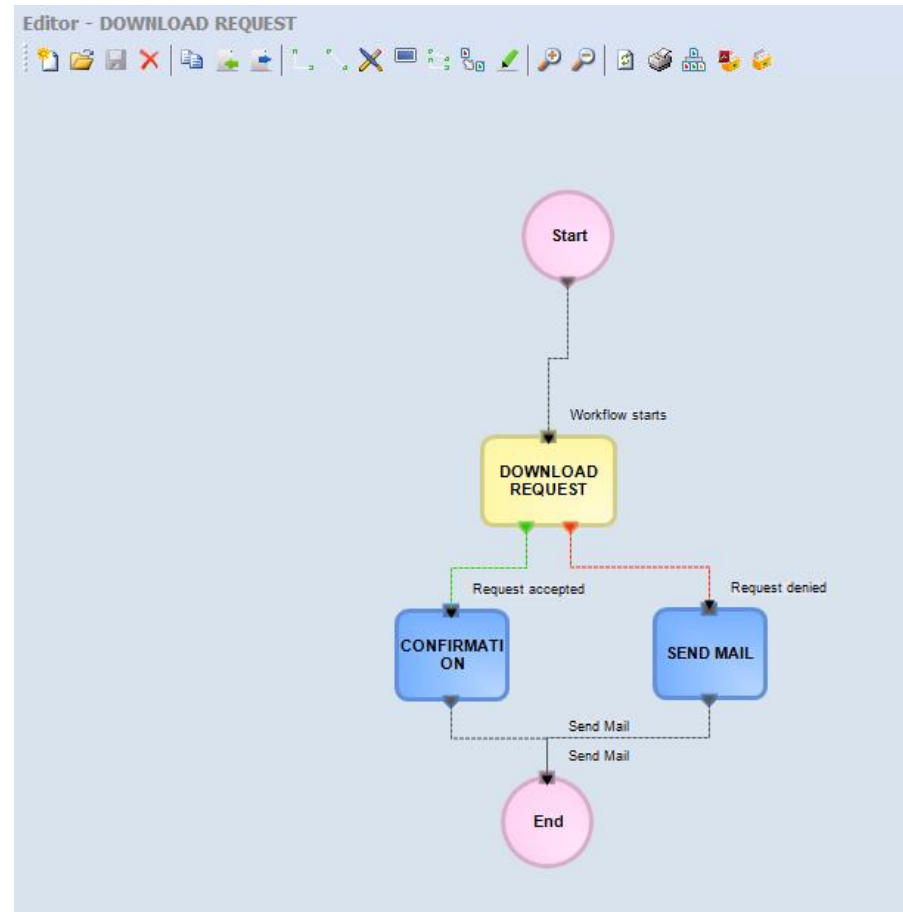
- Search Results

Result search

Assets

	thumbnail	aspect	code	title	type	versions
<input type="checkbox"/>		H	Peaky BlindersS03-0002	Peaky BlindersS03N02	TV	
<input type="checkbox"/>		H	Peaky BlindersS03-0001	Peaky Blinders S03	TV	

Ask for Permission



User Agenda

Etere
A consistent system

Home page

Agenda

Tasks

Calendar

Schedule

Media Library

Collection

Shopping Cart

System

Memory

Air Sales

Tapeless

BMS

Reports

Manage

Scheduled Ingest

Ingest list

User messages

Dashboard

Agenda

Action










Available tasks

All




First 50

Refresh

Agenda

	status	id	code	task	start date	due date	title	group	thumbnail
<input type="checkbox"/>	★	8836	8836	REVIEW AND APPROVAL	14/05/2020	15/05/2020	ZOO LANDER	Everyone	
<input type="checkbox"/>	★	9075	9075	REVIEW AND APPROVAL	13/07/2020	14/07/2020	The Election	Everyone	
<input type="checkbox"/>	★	9934	Spot_Caffe_Segafredo_2016	REVIEW AND APPROVAL	20/07/2020	21/07/2020	Spot_Caffe_Segafredo_2016	Everyone	
<input type="checkbox"/>	★	8891	8891	REVIEW AND APPROVAL	20/07/2020	21/07/2020	prova	Everyone	
<input type="checkbox"/>	★	8815	LIVE NDI	REVIEW AND APPROVAL	09/08/2020	09/08/2020	DEMO: LIVE NDI	Everyone	
<input type="checkbox"/>	★	8766	F102035ENOITACHOEM	REVIEW AND APPROVAL	17/08/2020	18/08/2020	DEMO 7	Everyone	
<input type="checkbox"/>	★	8626	8626	REVIEW AND APPROVAL	27/08/2020	28/08/2020	DEMO 2: MOVING LOGOS3	Everyone	
<input type="checkbox"/>	★	10357	10357	REVIEW AND APPROVAL	02/09/2020	03/09/2020	DEMO 2	Everyone	
<input type="checkbox"/>	★	10358	10358	Recording Task	10/09/2020	11/09/2020	DEMO Closed Captions	Everyone	

Status	ID	Code	Task	Start date	Due date	Title	Group	Thumbnail
--------	----	------	------	------------	----------	-------	-------	-----------



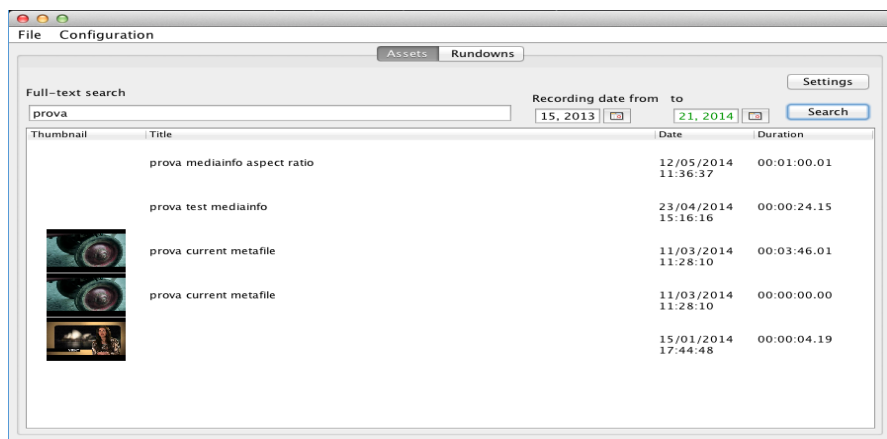
Etereweb - Etere plc Ltd

Insert in Timeline

Workflow
Action
Assignee
Asset
Period
Budget
Notes
Job Execution

The screenshot displays the Etere software interface. On the left, a 'Task' window is open, showing job details for 'ActionTest_DOWNLOAD FILE'. The 'Job info' section includes fields for Workflow, Action, Assignee, Asset, Period, Budget, and Notes. The 'Job execution' section includes fields for Cost, To invoice, Notes, and Result. Below the task window, a list of assets is shown: 'FTV_DESI... (LOWRES)', 'H264', and 'FTV_design... (MATROX ...)'. On the right, a 'CHANNEL 1' menu is visible, containing icons for Agenda View, Subtitles Tool, Metadata Indexing, Racks, Tape Loan, Reports, Resources Manager, Query Manager, and Tape Manager. Below the menu, a video timeline is shown with a playhead at 00:00:07:02. The timeline displays several video clips: 'testA.mpg', 'test C.wmv', and '2708Bis.wmv'. A red arrow points from the 'H264' asset in the task window to the timeline, indicating the insertion process.

Client for Mac



Status	Icon	Text	Description
--------	------	------	-------------



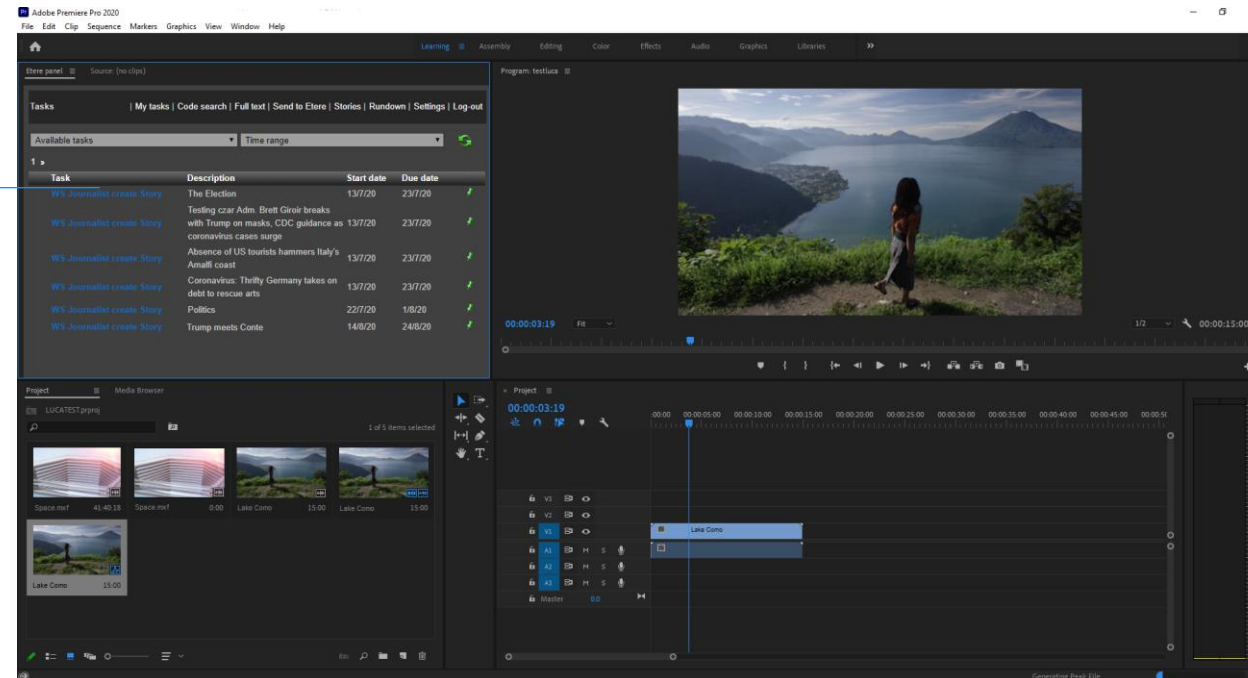
Ready To Be Used

- All the programs are uploaded and correctly placed on the schedule
- Files have been checked and normalized
- Files have been sent to On-air server
- Any error in the process immediately calls the operator attention
- All the digital receipt have been correctly signed

Adobe Panel

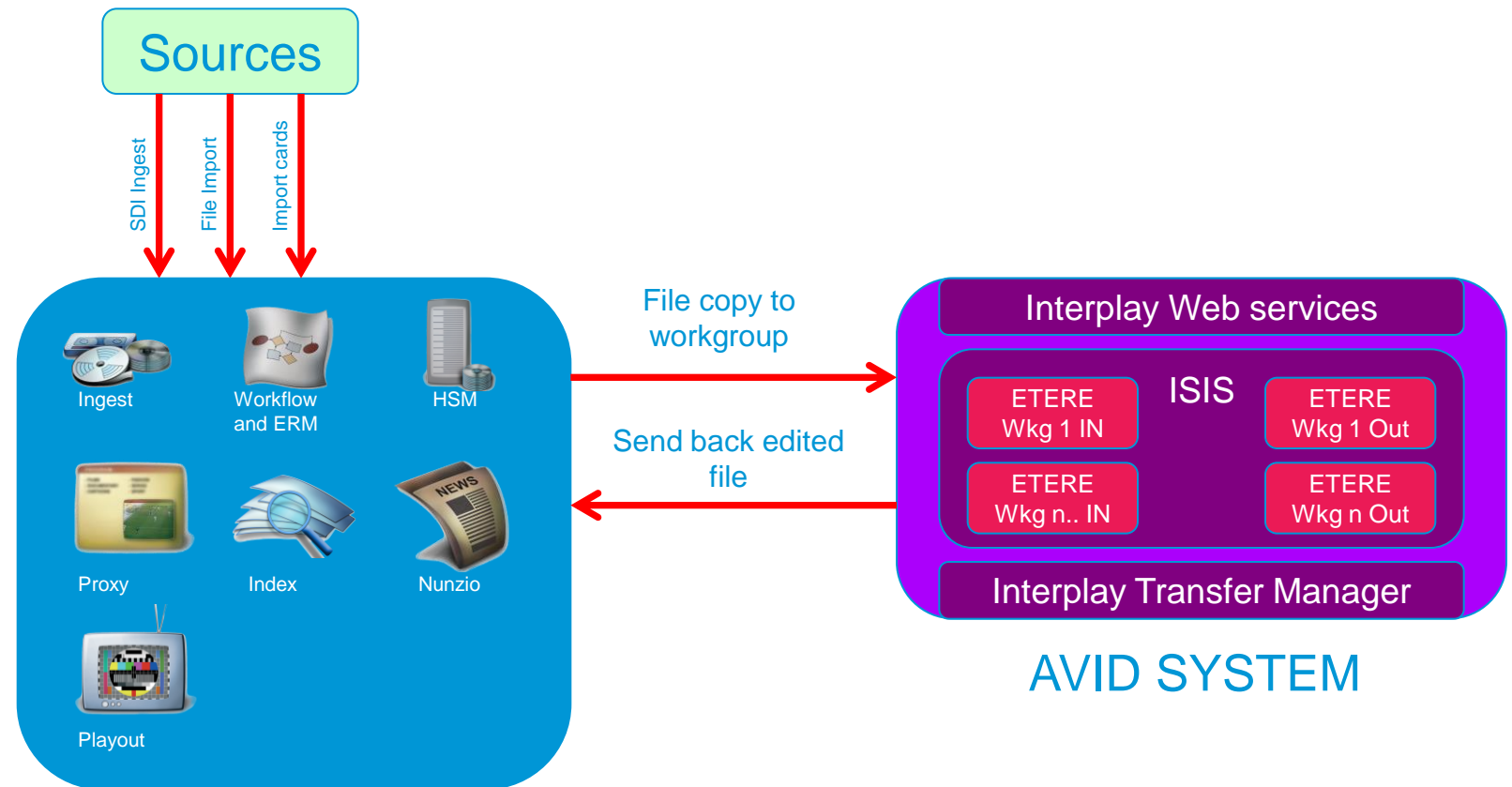
- Easy way to check and manage the assigned tasks directly in the interface
- Update the status of the job

Integrated panel



Post Production Integration

From Etere to AVID for editing



HTML5 Video edit

- Users can open and edit projects and video clips directly from the MAM database
- Projects can be easily saved as MAM assets
- Highly efficient as projects can be edited and exported to and from the MAM database
- Manage your content from any location on any smart device

Ideal for News Reporting

- Integrative with Etere Nunzio Newsroom
- Allows for edits for files already stored in the database
- The quick export and available database video files save time
- Perfect for fast-paced environments

Video Editing

Search

Properties

Video
Preview

Subtitles

Duration

Timeline

Etere Memory cutting

test Search...

TESTFEDEMP4HD25 (00:00:07.11) ▶

4436 (00:00:40.15) ▶

4670 (01:13:41.22) ▶

BubbleGuppies_301 (00:28:03.17) ▶

INTERNATIONAL MASTER
NICKELODEON PRESCHOOL
HD 23:59:16:10 MASTER

NELVANA LTD.
BUBBLE GUPIES Season III
NELVANA PRODUCTIONS

TITLE: "The Puppy and the Ring - Part 1"

Channel 1 - Stereo Left
Channel 2 - Stereo Right
Channel 3 - Dialogue Left
Channel 4 - Dialogue Right
Channel 5 - Surround Left
Channel 6 - Surround Right
Channel 7 - Surround Center
Channel 8 - Surround Low Frequency Effects (LFE)
Channel 9 - Surround Left Rear
Channel 10 - Surround Right Rear
Channel 11 - Digital Effects Left
Channel 12 - Digital Effects Right

Includes Textless

DATE: Dec 12, 2015
LENGTH: 24:03:14 With Commercials Slugs 24:33:14

NICKELODEON PRESCHOOL HD 23:59:16:10 MASTER

SERVER ID HDXBG301

00:00:01;14 00:28:03;24 AUDIO SUBS

BubbleGuppies_301 (MPEG-4) 00:00:00:00 00:00:13:00 Save

23:59:55:000 00:00:00:000 00:00:05:000 00:00:10:000 00:00:15:000 00:00:20:000 00:00:25:000 00:00:30:000 00:00:35:000 00:00:40:000 00:00:45:000 00:00:50:000

BubbleGuppies_301

BubbleGuppies_301 (MPEG-4)

4436

4436 (MPEG-4)

TESTFEDEMP4HD25

TESTFEDEMP4HD25 (MPEG-4)

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Split Clip Window

Video Preview

In and out

Label Clip

Choose the **start** and **end** of each clip

00:00:12:18

Name of clip: _____

Optional

Clear Create

Ingest



Crash Recordings

Drag and drop selected resources on sources

Resource tree

The screenshot displays the Etere Ingest Multifunction Ingest software interface. The interface is divided into several panels:

- Top Panel:** Shows the code (1496), ID (1496), and description (Holiday Destinations). It also indicates the source (4:3 SD) and a "NEW REC" button.
- Left Panel (Device selected):** A tree view showing the device hierarchy. The selected device is "ETX-04\CHANNEL-2". The tree includes folders for "Automation" and "PC", and a list of channels (CHANNEL-1 to CHANNEL-4) and segments (SEGMENT-1 to SEGMENT-4).
- Center Panel:** Displays the "Ingesting..." status. It shows various timecodes and a red "REC" indicator. The "Destination" is set to "ETX-04\CHANNEL-2". The "Free space" is 14:29:19.09. The "File" is 02BD00000000000000187. The "SOM" (Start of Material) is 00:00:00.00, and the "EOM" (End of Material) is 00:59:59.24. The "Duration" is 01:00:00.00.
- Right Panel (Preview Main):** A video preview window showing a woman's face. It includes a "Fullscreen" button and a "0dB" level indicator.
- Bottom Panel (Segments):** A table listing the segments. The table has columns for Segment, SOM, EOM, Offset, Duration, Description, Type, and Linked Asset. The segments are:

Segment	SOM	EOM	Offset	Duration	Description	Type	Linked Asset	Offset from next segment
1	00:00:23.11	00:00:23.11	00:00:23.11	00:00:00.01	First segment	✓		00:00:18.20
2	00:00:42.06	00:00:59.01	00:00:18.20	00:00:16.21	commercial break	✓		00:00:58.20
3	00:01:57.21	00:02:04.17	00:00:58.20	00:00:06.22	Second segment	✓		00:00:26.19
4	00:02:31.11	00:02:31.11	00:00:26.19	00:00:00.01	Third segment	✓		00:01:58.21
5	00:04:30.07	00:04:30.07	00:01:58.21	00:00:00.01	Fourth segment	✓		00:00:52.06
6	00:05:22.13	00:05:40.23	00:00:52.06	00:00:18.11	Break	✓		00:54:19.01

The bottom status bar shows "Operation: Ingest in progress..." and the date/time "29/11/2019 15:33:18".

Live Events

The screenshot displays the Etere Ingest - Easy Ingest software interface, which is used for managing live event ingestions. The interface is divided into several panels:

- Left Panel (Metadata Form):** Contains fields for ID, Code, Title, Types, Scheduling Date (set to 29/11/2019), and various checkboxes for asset status and workflow. A blue callout box labeled "Select in and out points" points to the Scheduling Date field.
- Bottom Left Panel (Asset List):** A table listing assets with columns for ID, Code, Title, Media, Episode, and Duration. The asset "Holiday Destinations" (ID 1496) is highlighted. A blue callout box labeled "Segments" points to the "Ingest ETX2 > ETX1" entry in the list.
- Center Panel (Preview):** Features a video preview window titled "ETX Preview Main" showing a scene with two people. Below it is a "Resources" section with fields for Source and Router. A blue callout box labeled "Preview and trim while recording" points to the "Ingesting..." section.
- Right Panel (Blocks):** A table showing ingest blocks with columns for Thru, SOM, EOM, Offset, Duration, Description, and Type. It lists four segments: "1st segment", "break", "2nd segment", and "3rd segment". A blue callout box labeled "3 Sync Copies at the same time" points to the "Ingesting..." section.

At the bottom of the interface, there is a status bar showing "Execution time: 00:00:02", "Page: 1/1", "Records: 65/65", "Sorted by: Title", and "Duration: 5:25:37.14/5:25:37.14".

Scheduled Ingest

Planned single ingest

Planned periodic ingest

Planned scheduled live ingest

Completed ingest operations

Available channels

Date

Station

Date

Time

Duration

Code

Single recording

Status

Type

Code

Description

Linked asset

REC with TCIN

Ingest start

Destination

Start / Stop

GPI Type

Router resources

Input channel main

GPI start number

Multichannel Ingest

Create MAM Entry

Video preview

Ingest preview control

File ingest

The screenshot displays the Etere Multichannel Ingest software interface, which is organized into three vertical panels, each representing a different channel of operation. Each panel includes a top section for metadata entry (Code, Title, Type), a central section for video preview and control (Mark In, Mark Out, Jog, and playback buttons), and a bottom section for configuration (Metadvice, Output, Input) and a list of ingested files.

Channel 1 (Left): Shows the 'Insert Metadata' section with fields for Code, Title, and Type. Below this is a 'TRANSFER 0%' indicator and a 'Create' button. The video preview section shows 'Mark In' and 'Mark Out' times at 00:00:00:00, a 'Jog' control, and playback buttons. The configuration section shows 'Metadvice' (Destination), 'Output' (Type), and 'Input' (Type) fields, with an 'Apply' button. The bottom section shows a 'Video Code' of 'SAXLOLLI' and a 'TIME ELAPSED' of 00:41:20:35.

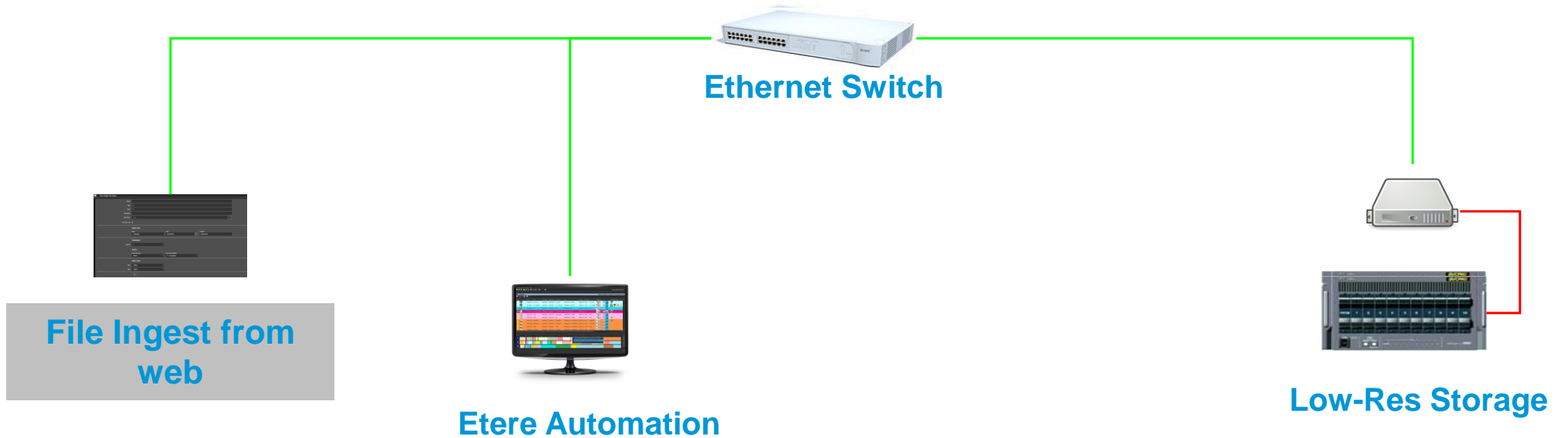
Channel 2 (Middle): Similar to Channel 1, but with a 'Preview: Triathlon Europe 2020' video preview. The 'TIME ELAPSED' is 00:41:20:35.

Channel 3 (Right): Features a large green 'Add files' button and a 'Drop files here' area. Below this is a table of ingested files:

Title	Date	Time	Duration	Code
1 Motor Hala	03/02/2018	15:25:02.16	0000:14.22	106269AUSOPEN
2 Run for Peace	03/02/2018	15:25:17.13	0000:29.23	106269AUSOPEN
3 Finding Memo	03/02/2018	15:25:47.11	0000:29.23	106269AUSOPEN
4 Dashing Snow	03/02/2018	15:26:17.09	0000:29.23	106269AUSOPEN
5 Ice Ice Body	03/02/2018	15:26:47.07	0000:29.23	106269AUSOPEN
6 Ball of Fuss	03/02/2018	15:27:17.05	0000:29.23	106269AUSOPEN
7 Surf & Turf	03/02/2018	15:27:47.03	0000:29.23	106269AUSOPEN
8 Hoops	03/02/2018	15:28:20.01	0000:11.02	106269AUSOPEN
9 Sound of Light	03/02/2018	15:28:40.52	0000:18.17	2337MESSI
10 Raise	03/02/2018	15:29:02.16	0004:07.04	2339CR7

The bottom section of Channel 3 shows a 'Video Code' of 'SAXLOLLI' and a 'TIME ELAPSED' of 01:02:30:15.

File Ingest



Etere Studio Player

For Both Live and Studio Broadcasts



Key Features

- Multifunctional as a studio player, the insertion of advertisements for live news and studio broadcasting
- Flexible configuration options
- Scalable architecture, highly adaptable with changing needs
- Prepare multiple advertisement lists for different scenarios
- Show management and studio production

Studio Player

Edit

Playlist Preview

The screenshot displays the Etere Studio Player - ETX interface. The top menu bar includes 'File' and '?'. Below it, the 'Edit' tab is active, showing a 'Saved Playlists' section with a tree view of assets like 'Always', '12/09/2023', and '26/03/2021'. The 'Assets Search' section shows a list of assets including 'MI011', 'SKY_BRAZIL_10', 'LBC039103_tc', 'STAYWITHME', 'AXFTST01', and 'DESPACITO'. The 'Playlist Preview' section shows a list of assets with columns for 'Asset', 'Duration', 'In', and 'Out'. The 'Preview' section shows a video preview of a dark, atmospheric scene with a large, ornate structure. The bottom section shows a timeline with a blue bar representing the playlist duration and a green bar representing the current item's duration. The timeline includes playback controls (play, stop, previous, next) and a volume slider.

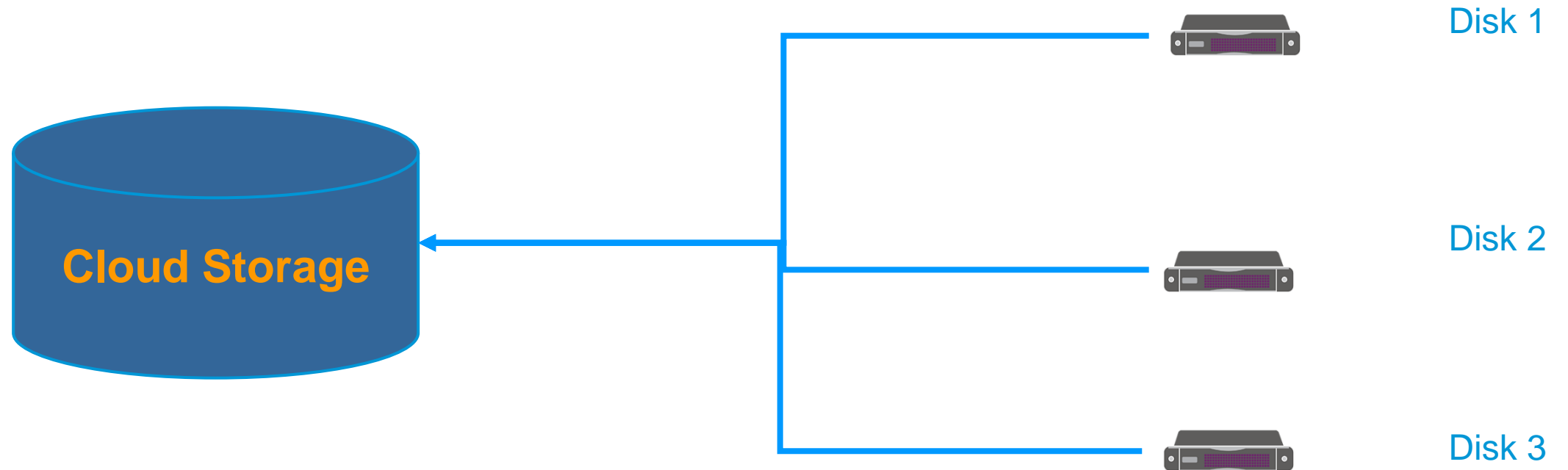
Media Move



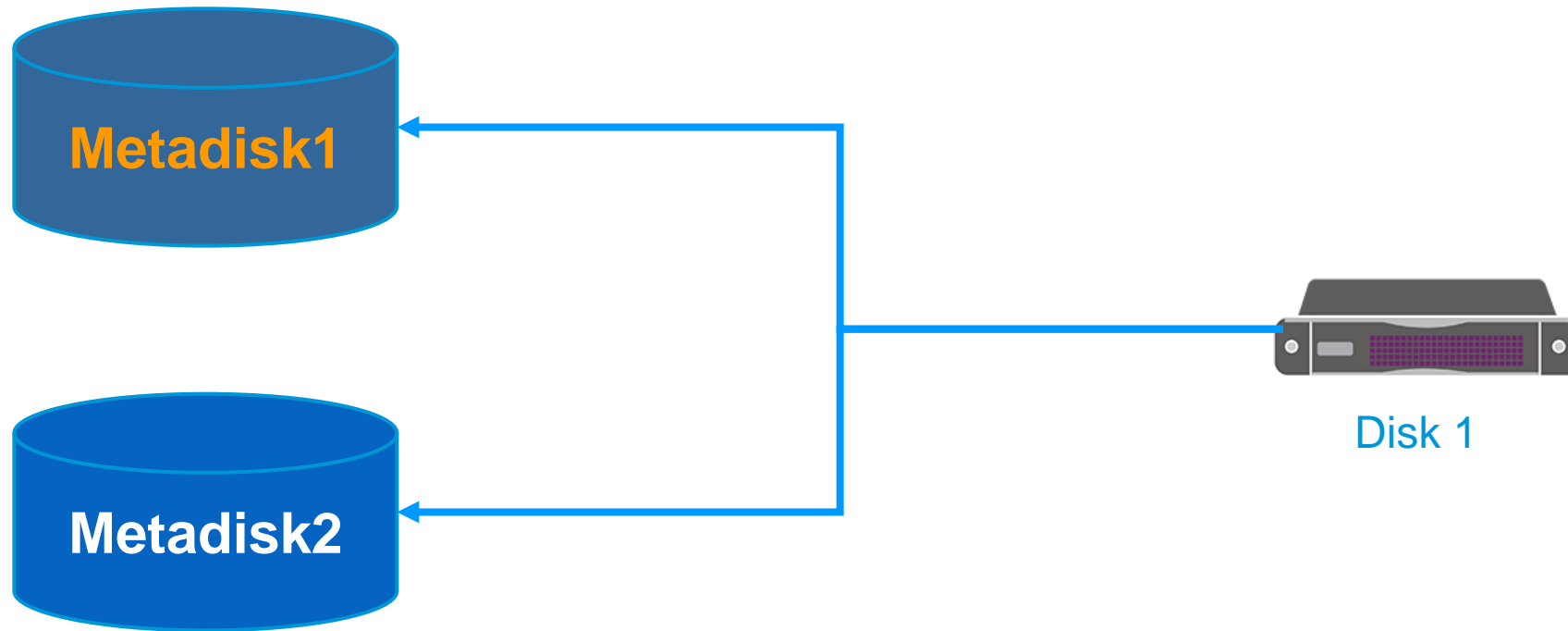
Cloud Media Management

- The Key of this project was Cloud
- Etere MM create a private Cloud where to store your content
- Cloud devices are logical entities. They can be group of devices or part of one device or both
- Etere MM automatically controls the available space in the cloud
Etere MM has a multi-volume management intelligence

Cloud Devices



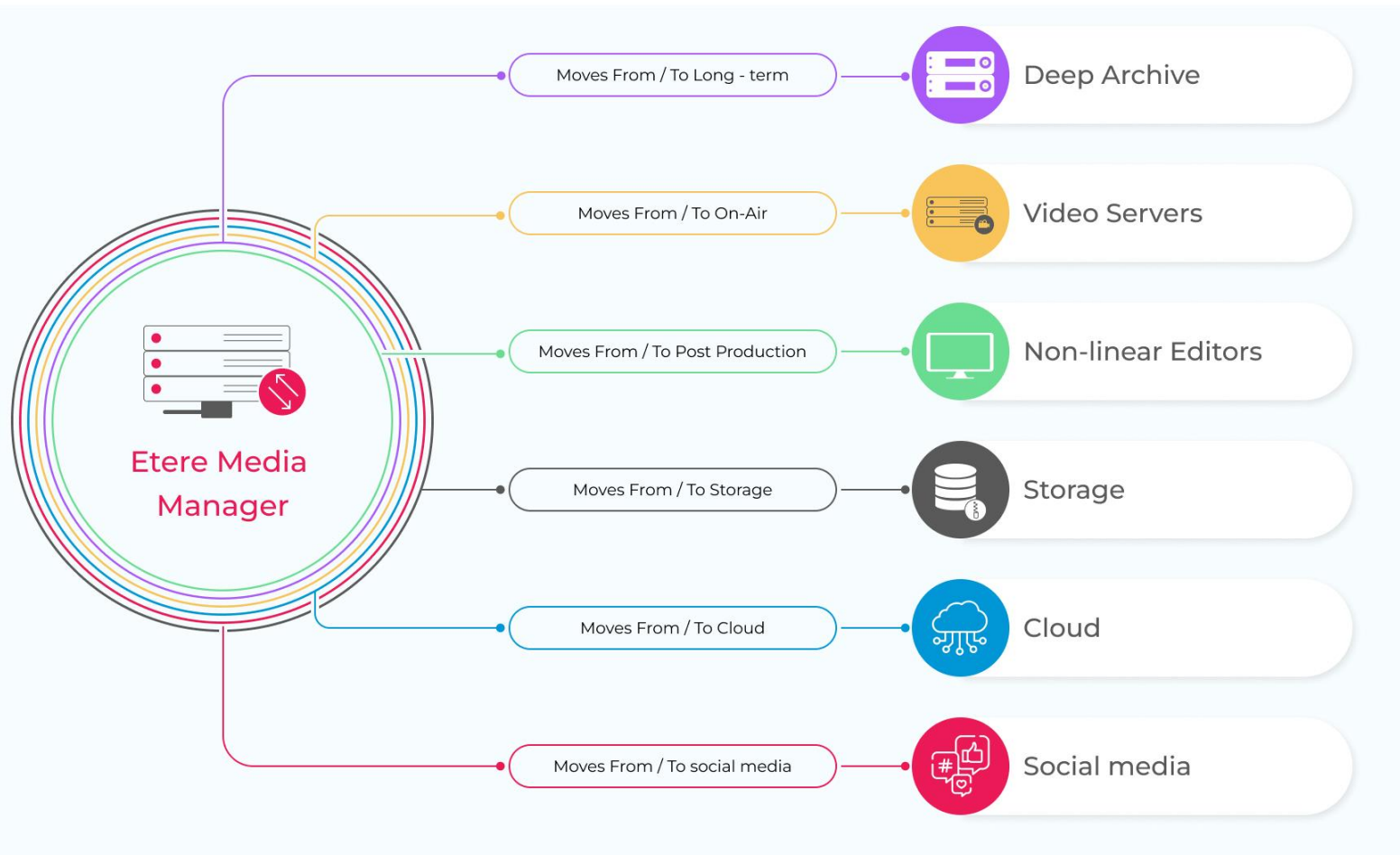
Partition Devices



Media Moving

ETERE MEDIA MANAGER

Etere
a consistent system



Etere
a consistent system

Active Load Balancing

Etere Data Mover

Tools Show Help

Machine Total CPU actual: 3,654, peak: 23,881
DM CPU actual: 0,000, peak: 17,924
DM Private Bytes actual: 0,000 MB, peak: 0,000 MB
DM I/O Bytes actual: 0,000 MB, peak: 0,000 MB
DM Handles Count actual: 0, peak: 0
DM User Objects actual: 1870, peak: 1870

Data Processors Active Requests Job queue

Status	Name	#	File	Source	Destination	Type
Idle	XCode LOWRES H264 with TC	1			Lowres with TC	Etere Transcoder
Idle	XCode LOWRES H264 with TC	2			Lowres with TC	Etere Transcoder
Idle	XCode LOWRES H264 with TC	3			Lowres with TC	Etere Transcoder
Idle	Check MD5 on Upload WEB	1		Upload WEB		MD5 Checksum
Idle	Check/create MD5 on Archive	1		Archive1	Upload WEB	MD5 Checksum
Idle	Conforming MXF	1			Conforming	External Mover Exe
Idle	Content Check (Content Check)	1				External Mover Exe
Idle	Copy Archive1-NILOX02-W10	1		Archive1	NILOX02-W10 (INGEST-E...	Multistep Copy
Idle	Copy Archive1-NILOX02-W10	2		Archive1	NILOX02-W10 (INGEST-E...	Multistep Copy
Idle	Copy Archive1-NILOX02-W10	3		Archive1	NILOX02-W10 (INGEST-E...	Multistep Copy
Idle	Copy Archive1-Upload WEB	1		Archive1	Upload WEB	Multistep Copy
Idle	Copy duration to hhmssff metadata	1		Archive1	Archive1	PowerShell Scripting

Status	Name	File	Source	Destination	Type
--------	------	------	--------	-------------	------

Cloud Storage Capabilities

- Load balancing
 - Multiple media managers sharing the same job
- Space aggregation
- Lan and Wan transfer
 - FTP Active
 - FTP Passive
 - FTP Server to Server
 - NTFS-NFS
 - UDP file transfer
- All those features allow you to use standard IT storage instead of special solutions

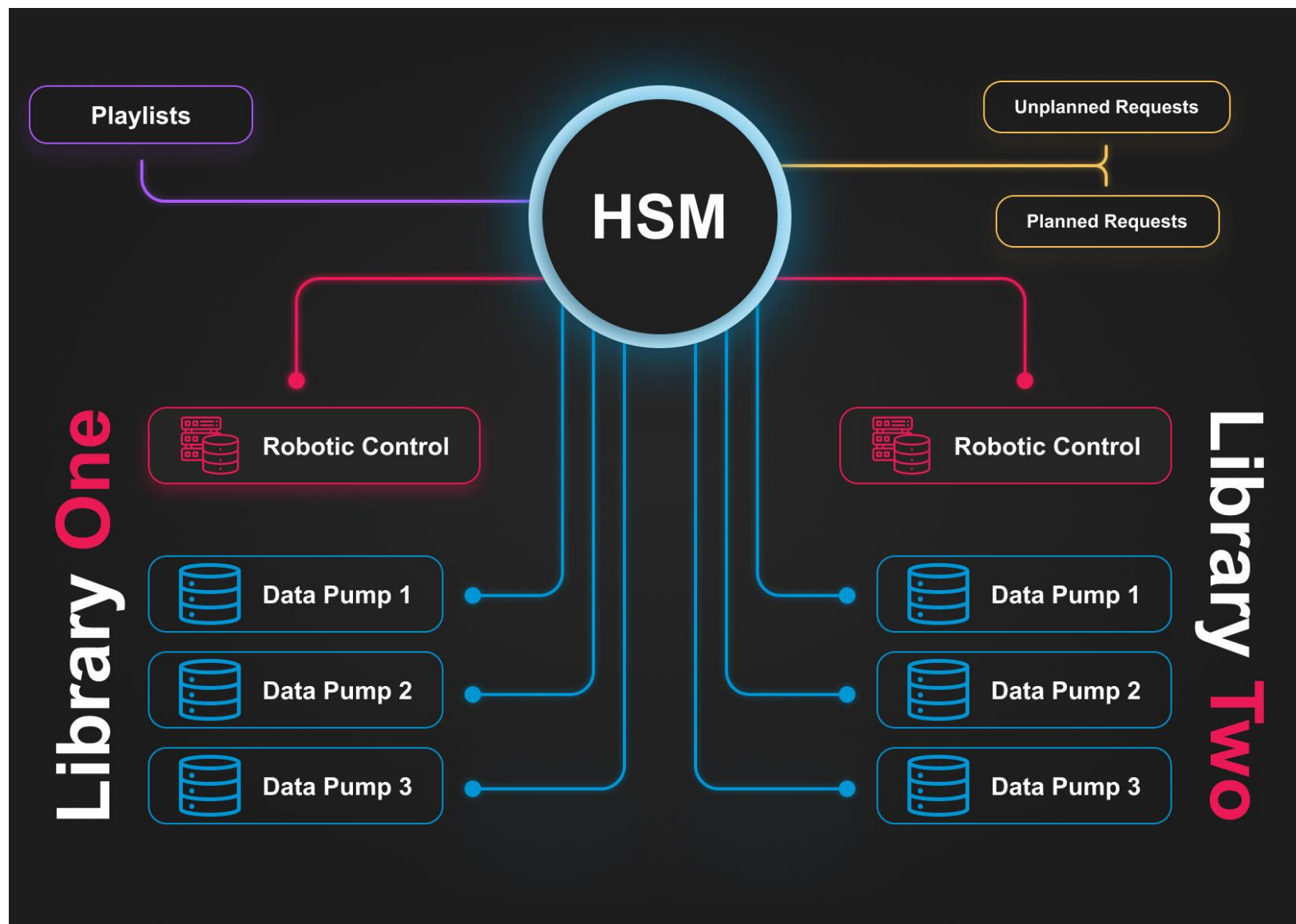
Etere HSM

Integrated Archiving



HSM Archive

- Etere can offer different technologies for Archiving
 - Sony ODA archive
 - LTO archive
 - Disk archiving using sleeping disks
 - Cloud
- All those solutions are software only customer can choose the hardware that fits better



Etere Cloud HSM Features

- Optimized for broadcast use, archives long term media and restores as fast as it's possible
- Each drive can be assigned as R/W according to timeslots in the day and the week.
- Online and offline tape management
 - SMPTE 2034 archive format for long life
 - LTFS format as a free option
 - ODA disks as free option
- Background defragmentation
- Dynamic media pools
- Integrated tape migration
- Touch function to test file integrity periodically
- Conforming to Open Archival Information System (or OAIS) procedures

Etere Disk Archive

- When files are not being archived or restored, the disk drives are spun-down and stopped
- ETERE has independent control of each disk drive to further reduce power consumption, extend disk life and allow disks to be externalized for shelf storage or transportation
- ETERE use HSM Data Replication to write data files to multiple locations in multiple Archives to provide the required balance of security and storage efficiency
- Etere DiskArchive can be compiled with LTO archive for best mix of speed and cost

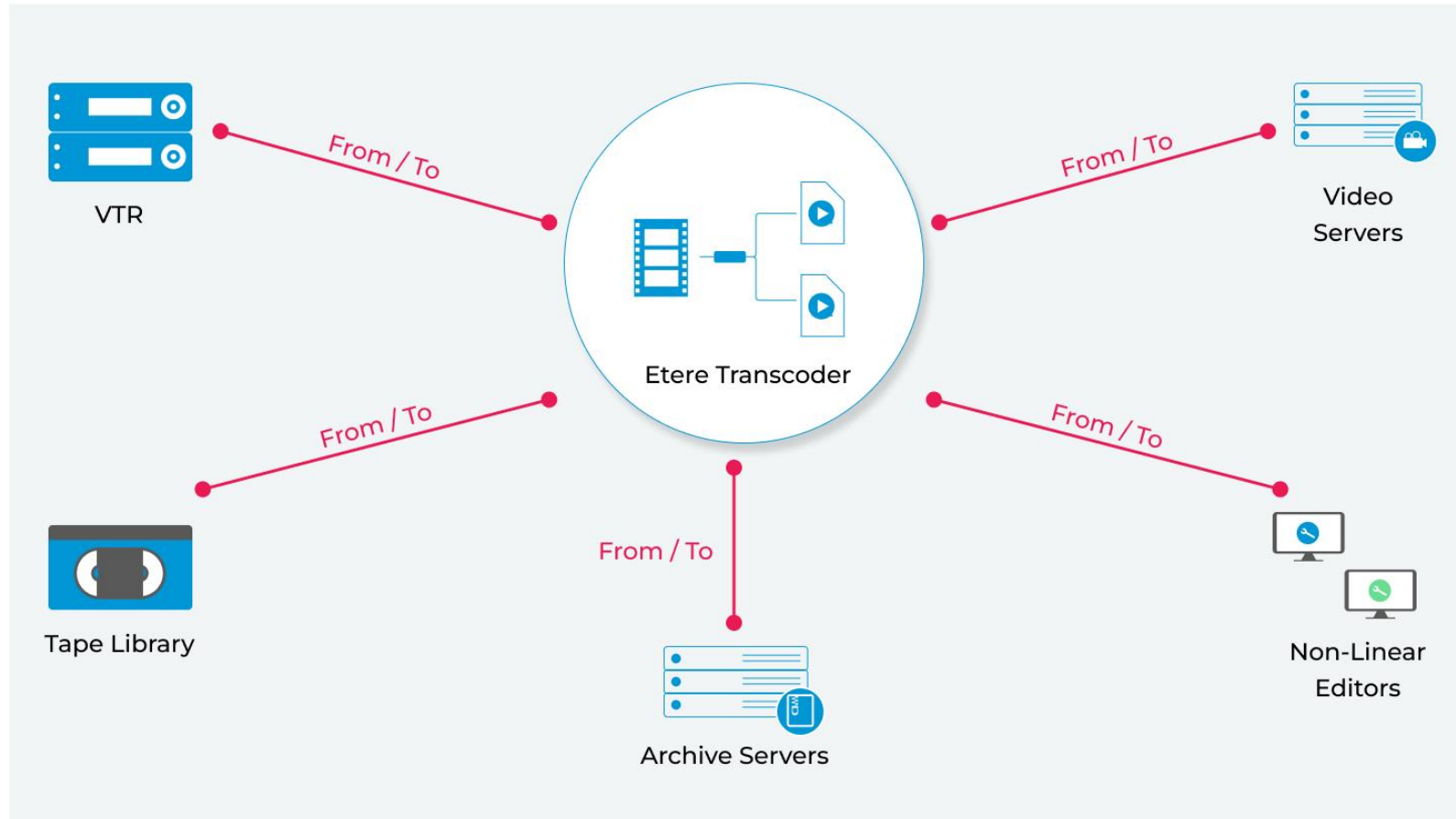
Transcoding



Media Transcoding

TRANSCODING PROCESS

Etere
a consistent system



Etere
a consistent system

Etere Transcoder

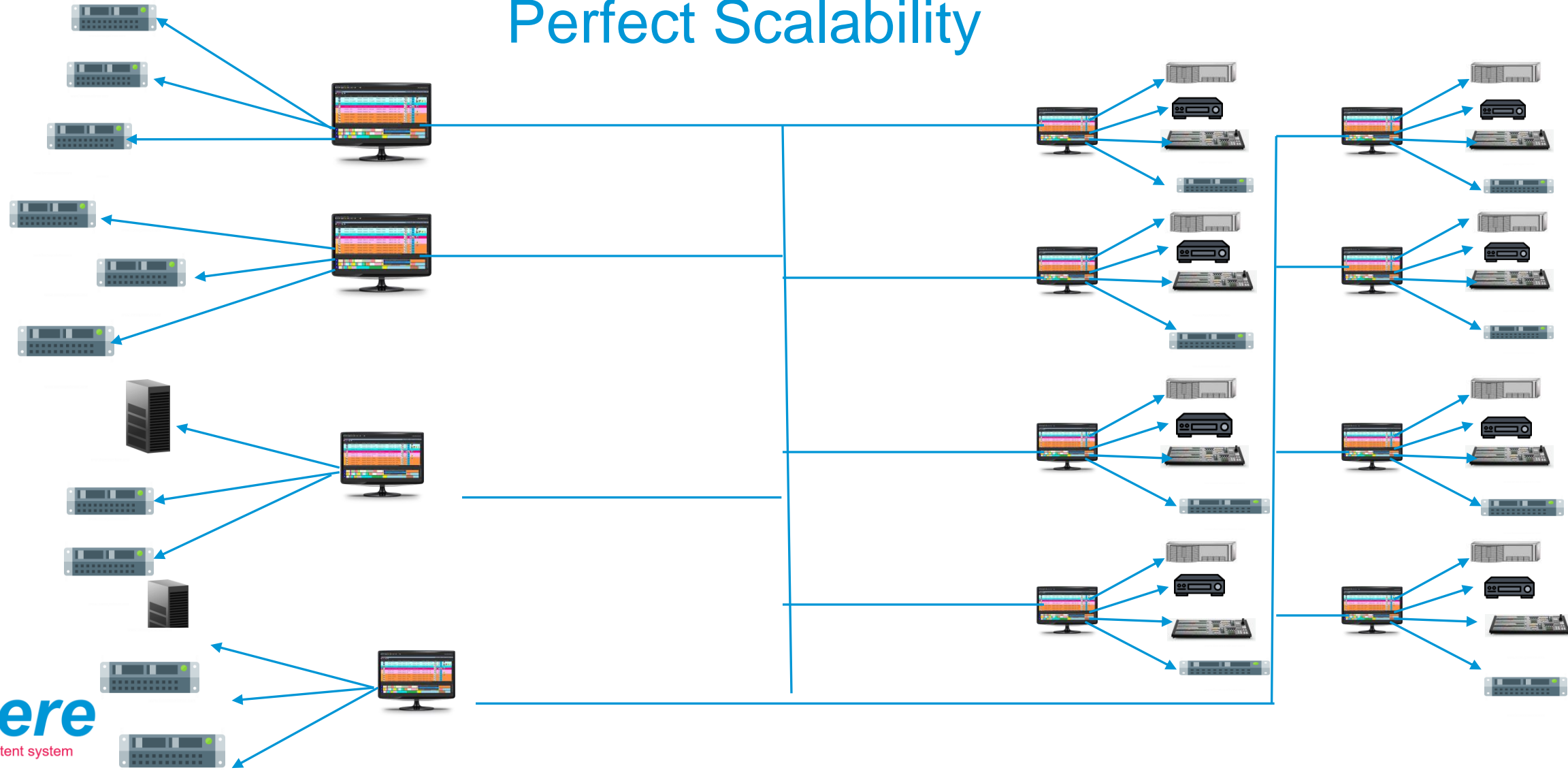
- Unlimited license
- Free GPU acceleration
- Unlimited formats, including H.265/HEVC
- Active/active clustered
- Loudness control
- Joining and Stitching
- Watermark capabilities
- Subtitle insertion
- Support geographical dispersion

Playout

Hybrid Solution that Combine Traditional
and CIB in a Single Solution



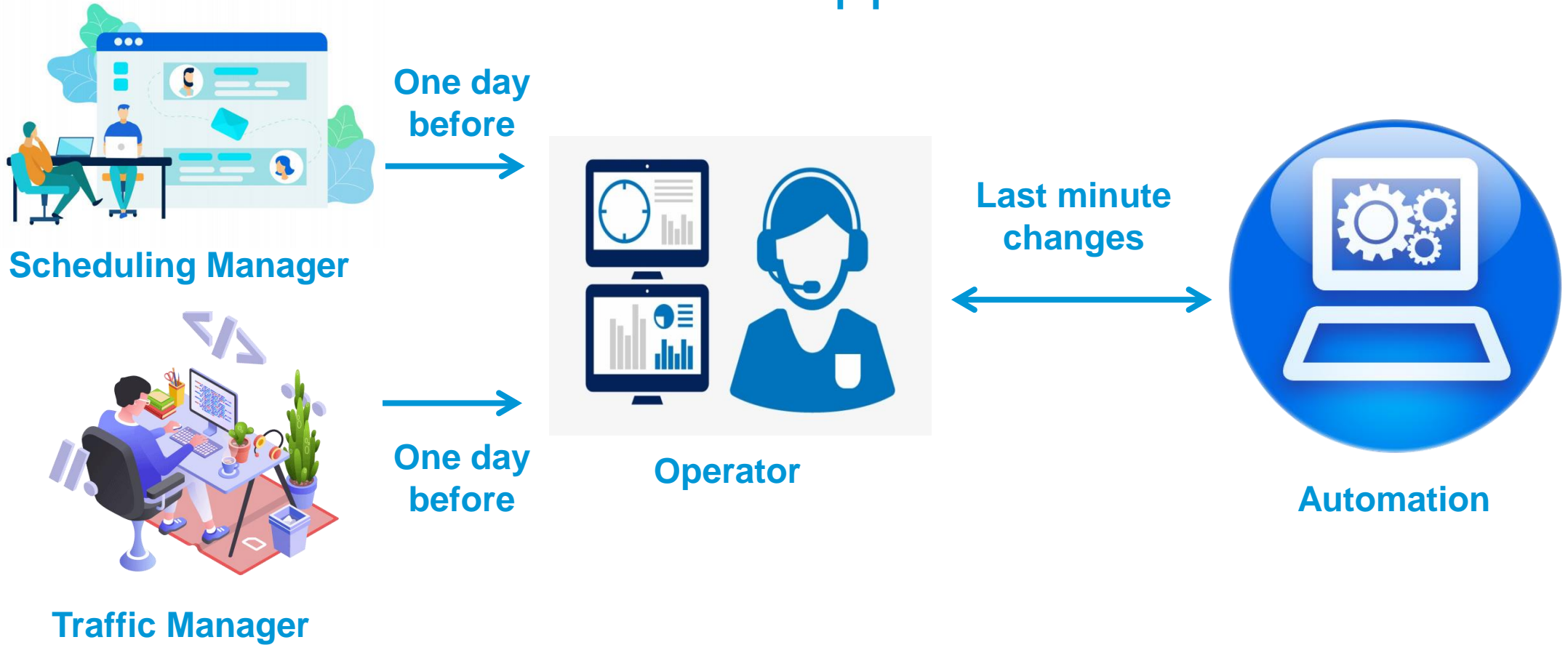
Perfect Scalability



TV Roles

- Master Control Operator
 - Manages tapes and video
 - Controls the on-air system
 - Does the operations decided by the scheduling operators
- Scheduling Operator
 - Chooses the events to be aired
 - Chooses the sequence of the events

Traditional Approach



Etere Flow



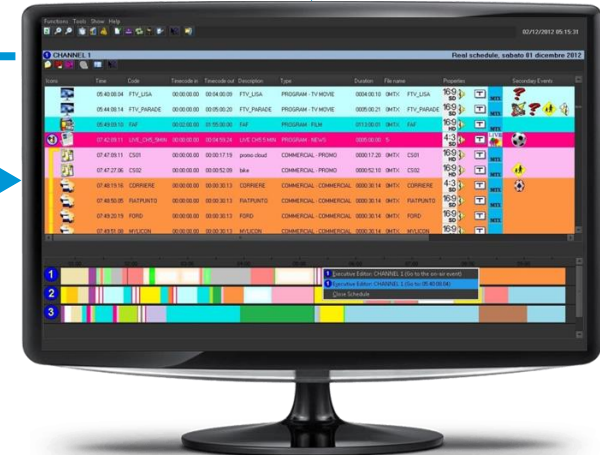
Scheduling Manager



Traffic Manager



Operator



Automation

Last minute changes

Control

Last minute changes

Etere Flow Advantages

- More similar to the TV real operation
- Respect people roles
- Faster
- Fewer errors, better accuracy
- More detailed
- Improved operation in both Scheduling and ETX

ETERE ETX

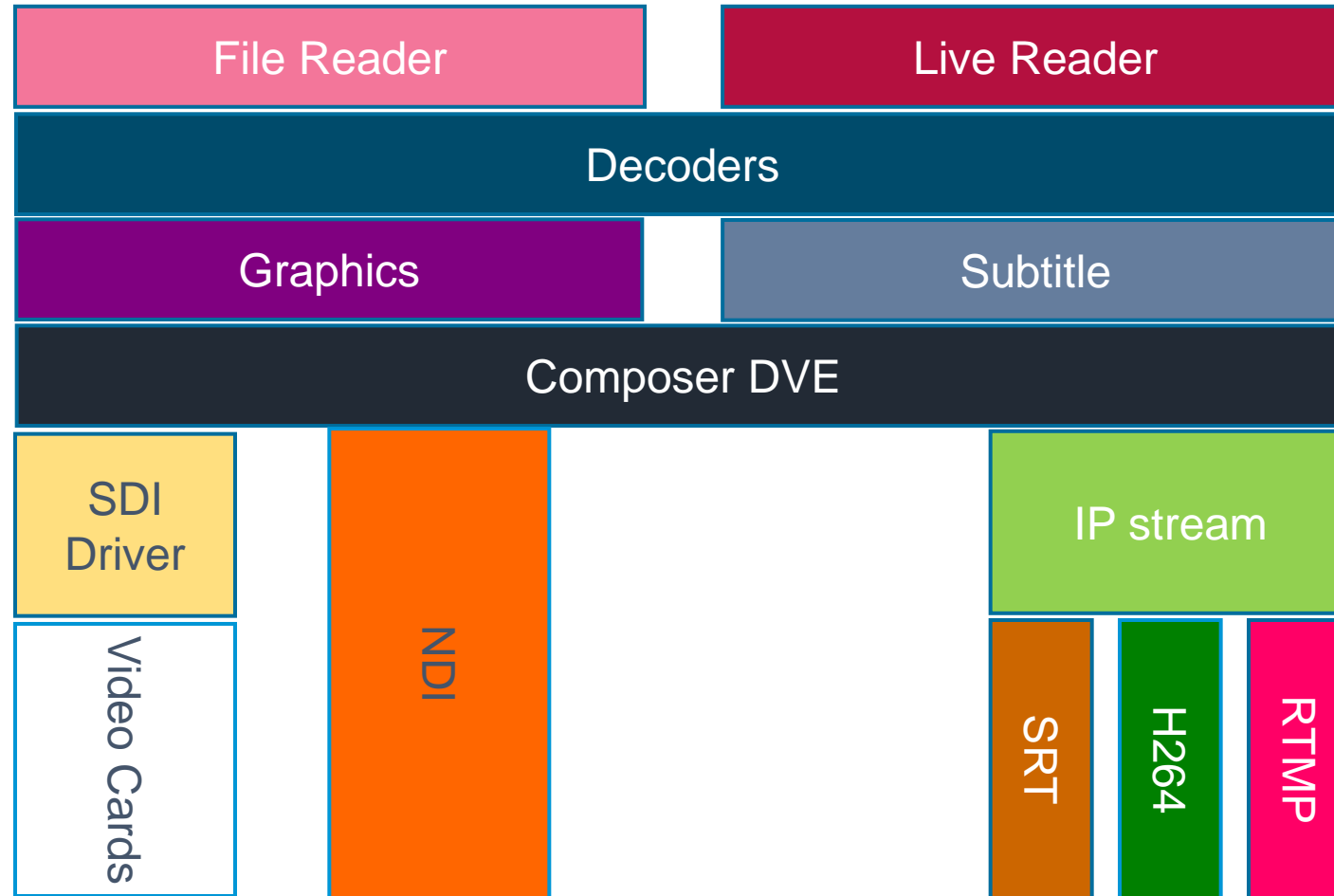
Ready for Today and Tomorrow



New Design Approach

- ETX is part of the automation
- It is a software only product
- NDI/SDI/IP
- Can be virtualized
- Uses standard hardware

ETX-Diagram



ETX

- ETX base allows insertion of all the standard channel graphics
 - Fixed logo Up to 8 layers
 - Animated logo Up to 8 layers
 - Crawls
- Graphics can be imported in any format using Etere interface & distributed to any Playout using Etere Media Manager
- A low-res copy for preview is generated, for low-res preview
- Graphics are stored on hard drive so unlimited space
- Live signal can be pass-through to insert graphics

ETX MC Panel

- Up to 6 TV channels managed from the same panel
- Audio output control for PGM and PST
- Configurable background colour
- Fastest response





Etere

MASTER CONTROL

CHANGE
THEME

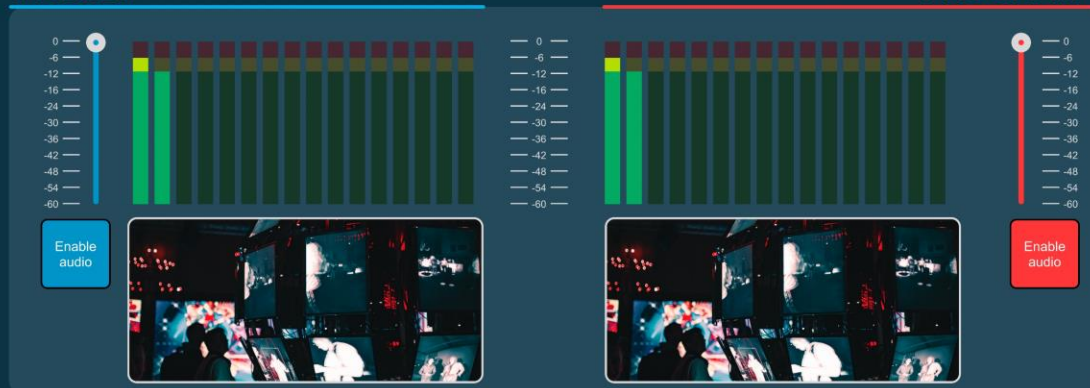
Etere
a consistent system

SOURCE CONTROL / PROGRAM



PRESET

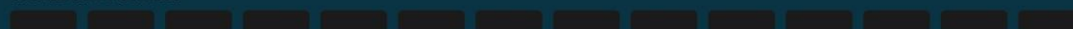
PROGRAM



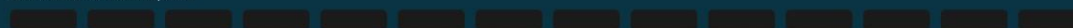
SOURCE CONTROL / PRESET



SOURCE CONTROL / Audio



SOURCE CONTROL / Options



TRANSITION TYPE / PRESET TO PROGRAM



TRANSITION SPEED



FADE
TO
BLACK

AUTOMATION
USABLE



TAKE

LAYERS CONTROL / PROGRAM



CLEAR ALL

TAKE

11:56:03

TIMER

00:00:14

RESET

LOGO GALLERY



Choose

Panel

Kiev

3

4

5

6

LAYERS CONTROL / PRESET



CLEAR ALL

Etere
a consistent system

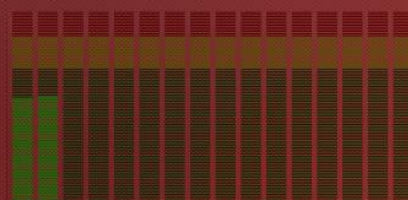
Etere MASTER CONTROL

CHANGE
THEME

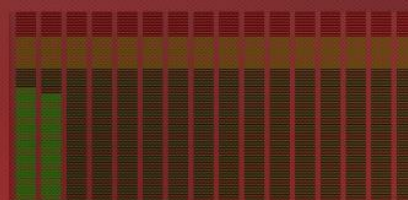
Etere
a consistent system

PROGRAM

dBFS
0
-6
-12
-18
-24
-30
-36
-42
-48
-54
-60



dBFS
0
-6
-12
-18
-24
-30
-36
-42
-48
-54
-60



PRESET

dBFS
0
-6
-12
-18
-24
-30
-36
-42
-48
-54
-60



17:40:03

TIMER 00:41:50

RESET

LOGO GALLERY

Choose

PANEL

Kiev

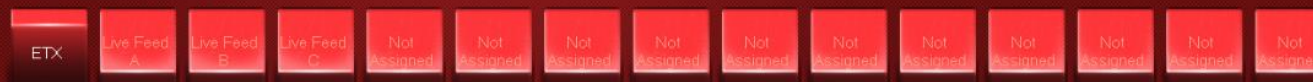
3

4

5

6

SOURCE CONTROL / PROGRAM



SOURCE CONTROL / PRESET



LAYERS CONTROL / PROGRAM



CLEAR
ALL

LAYERS CONTROL / PRESET



CLEAR
ALL

TAKE

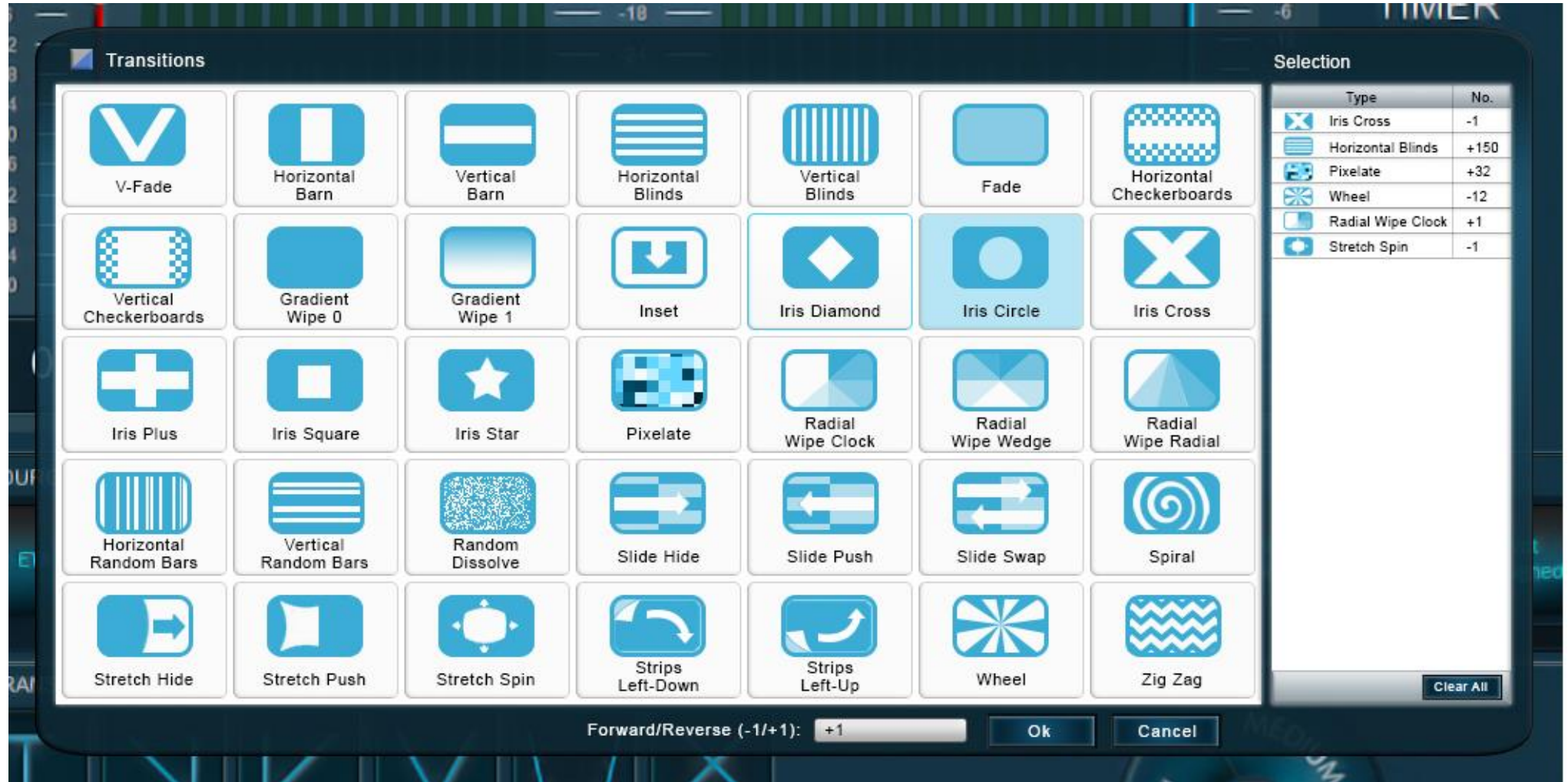
TRANSITION TYPE / PRESET TO PROGRAM



TRANSITION SPEED



TAKE



MULTI-Format & HD Enabled

- Real-time Up and Down converter
- SD HD and 4K in a single license
- Aspect ratio converter
- SD HD and 4K back to back playout
- IP In/Out
- SDI In/Out
- NDI In/Out

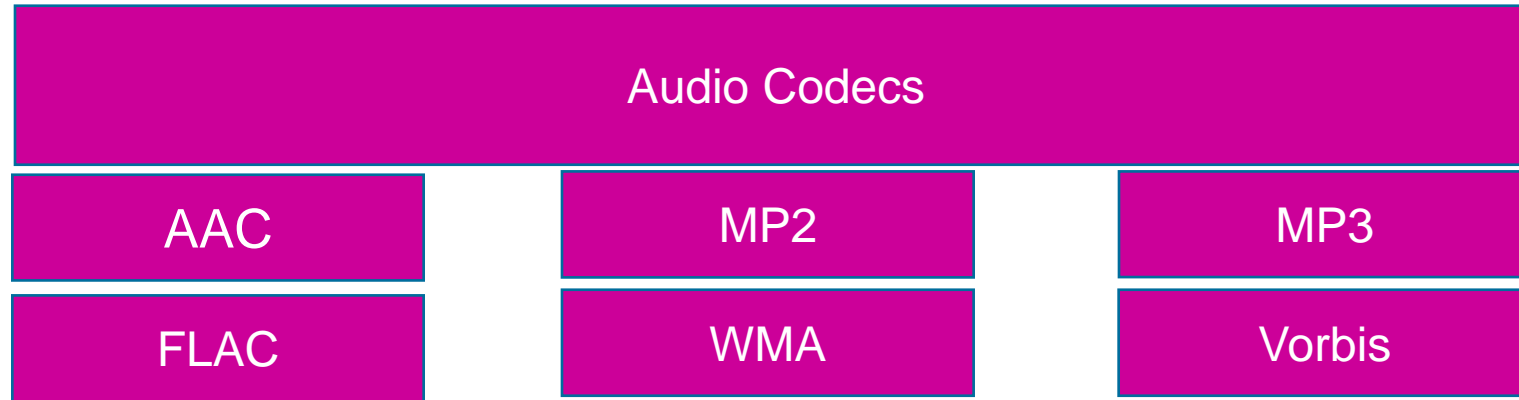
File Formats

File Formats			
LXF	MOV	MXF	GXF
ASF	MPG-TS	MPG-PS	AVI
FLV	DV	MKV	WebM

Video Codecs

Video Codecs			
DVCPRO	MPG1	MPG2	MPG4
VC-1	VM8	WM9	H264
DNxHD	ProRes	MJPEG	HEVC

Audio Codecs



Browsing



Browsing

- True browsing with J&S and audio scrub
- Secondary events preview
- Full logo preview
- Full subtitle/closed captions preview

Enhanced Browsing

Executive Editor

Schedule Functions Edit Tools AD Insertion Air Sales Show Help

1 CHANNEL 1

Real schedule, sabato 01 dicembre 2012

sumainw7 - OnAir - Main

countdown 00:22:27.09 live 04:08:03.23 elapsed 00:01:09.17

STILL D-STILL SKIP RESTART Recue PROTECT CLONE LIVE SK2LIVE

Icons	Time	Code	Timecode in	Timecode out	Description	Properties	Type	Duration	File name	Aspect	Secondary Events
	02:31:43.07	HD_LQL	00:00:00.00	00:01:45.18	HD_LQL	16:9 HD	PROGRAM - TRAILER				
	02:33:29.01	HD_PROJECTX	00:00:00.00	00:02:12.00	HD_PROJECTX	16:9 HD	PROGRAM - TRAILER				
	02:35:41.02	HD_THEWOW	00:00:00.00	00:00:58.09	HD_THEWOW	16:9 HD	PROGRAM - TRAILER				
	02:36:39.12	MET_ICEAGE	00:00:00.00	00:04:36.22	MET_ICEAGE	16:9 SD	PROGRAM - TRAILER				
	02:41:16.10	MET_LOTR	00:00:00.00	00:01:37.00	MET_LOTR	4:3 LB	PROGRAM - TRAILER				
	02:42:53.11	MET_MATRIXRE	00:00:00.00	00:01:18.17	MET_MATRIXRELOADEI	4:3 LB	PROGRAM - TRAILER				
	02:44:12.04	MET_SPIDERMA	00:00:00.00	00:00:31.14	MET_SPIDERMAN	4:3 LB	PROGRAM - TRAILER				
	02:44:43.19	MET_SWAT	00:00:00.00	00:01:40.14	MET_SWAT	16:9 SD	PROGRAM - TRAILER				
	02:46:24.09	CS04	00:00:00.00	00:03:35.24	dubay	16:9 HD	PROGRAM - DOCUMENTARY				
	02:50:00.09	CS05	00:00:00.00	00:02:53.10	boxe	16:9 HD	PROGRAM - DOCUMENTARY				
	02:52:53.20	GCI_109820	00:00:00.00	00:27:00.14	costarica	4:3 LB	PROGRAM - DOCUMENTARY				
	03:19:54.10	GCI_127363	00:00:00.00	00:12:30.20	poker	4:3 LB	PROGRAM - DOCUMENTARY				
	03:32:25.06	NESPRESSO	00:00:00.00	00:00:30.13	NESPRESSO	16:9 SD	COMMERCIAL - COMMERCIAL	0000:30.14	OMTX_NESPRESSO	SD 16:9	
	03:32:55.20	GCI_129029	00:00:00.00	00:23:37.00	bruschetta estiva	4:3 LB	PROGRAM - DOCUMENTARY	0023:37.01	OMTX_GCI_129029	SD 4:3 Letter Box	
	03:56:32.21	GCI_150401	00:00:00.00	00:19:43.12	roma trigoria	4:3 LB	PROGRAM - DOCUMENTARY	0019:43.13	OMTX_GCI_150401	SD 4:3 Letter Box	
	04:16:16.09	GCI_96451	00:00:00.00	00:25:16.06	rio de janeiro	4:3 LB	PROGRAM - DOCUMENTARY	0025:16.07	OMTX_GCI_96451	SD 4:3 Letter Box	
	04:41:32.16	HD_MASSERIA_	00:00:00.00	00:22:46.18	sitcom masseria sciarra - 1	16:9 HD	PROGRAM - DOCUMENTARY	0022:46.19	OMTX_HD_MASSERIA_	HD	
	05:04:19.10	HD_MASSERIA_	00:00:00.00	00:21:46.18	sitcom masseria sciarra 12	16:9 HD	PROGRAM - DOCUMENTARY	0021:46.19	OMTX_HD_MASSERIA_	HD	
	05:26:06.04	ETV_AQUA	00:00:00.00	00:04:00.10	ETV_AQUA	16:9	PROGRAM - TV MOVIE	0004:00.11	OMTX_ETV_AQUA	SD 16:9	

Playlist From 03:32:25 to 03:32:55 - PDRIVER

00:00:00.00 00:00:13.00 00:00:35.14 Play

Time code

Logo preview

Subtitles

Broadcast Quality Player



Some Player Uses

- **File based Ingest**
 - Monitor and trim the file immediately after ingest
- **Schedule Preview**
 - Preview the file that will be onair
- **QC Checking**
 - After a QC report check preview the video from PC
- **Audio Monitoring**
 - Check audio tracks content
- **Check Aspect Ratio**

Etere Player on Asset

Search

General Data

Properties

Media

T-Workflow

Secondary Events

Metadata

Rights Management

Tapeless Reception

Technical Data

MAM, Media Library

File Tools Show Utilities ?

MAM Not Ok to broadcast

ID 3102 Code 01A05A Title 01A05A Version 1

Search General Data Properties Media T-Workflow Secondary Events Metadata Rights management Tapeless reception TechnicalData Flexi-metadata Relationships Operations Resources management

Media List

MXF MPEG2 IBP 422 50 Mb HD

Physical Start Physical End Physical duration
00:00:00:00 00:00:14:24 00:00:15:00

SOM EOM Duration
00:00:00:00 00:00:14:24 00:00:15:00

Sched. Duration
00:00:15:00

1	2	3	4	5	6	7	8	9
1	00:00:00:00	00:00:00:08	00:00:00:08	00:00:00:01	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
2	00:00:00:16	00:00:00:16	00:00:00:16	00:00:00:01	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
3	00:00:01:01	00:00:01:01	00:00:01:01	00:00:00:10	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
4	00:00:01:16	00:00:01:16	00:00:01:16	00:00:00:15	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
5	00:00:02:00	00:00:02:00	00:00:02:00	00:00:00:09	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
6	00:00:02:08	00:00:02:08	00:00:02:08	00:00:00:08	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
7	00:00:02:09	00:00:02:09	00:00:02:09	00:00:00:01	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
8	00:00:02:15	00:00:02:15	00:00:02:15	00:00:00:06	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
9	00:00:02:22	00:00:02:22	00:00:02:22	00:00:00:07	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
10	00:00:03:10	00:00:03:10	00:00:03:10	00:00:00:13	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
11	00:00:03:18	00:00:03:18	00:00:03:18	00:00:00:08	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
12	00:00:04:02	00:00:04:02	00:00:04:02	00:00:00:09	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
13	00:00:04:13	00:00:04:13	00:00:04:13	00:00:00:11	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
14	00:00:05:11	00:00:05:11	00:00:05:11	00:00:00:23	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
15	00:00:05:23	00:00:05:23	00:00:05:23	00:00:00:12	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
16	00:00:06:06	00:00:06:06	00:00:06:06	00:00:00:08	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
17	00:00:06:16	00:00:06:16	00:00:06:16	00:00:00:10	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
18	00:00:07:01	00:00:07:01	00:00:07:01	00:00:00:10	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
19	00:00:07:13	00:00:07:13	00:00:07:13	00:00:00:12	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
20	00:00:07:16	00:00:07:16	00:00:07:16	00:00:00:03	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
21	00:00:07:23	00:00:07:23	00:00:07:23	00:00:00:07	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
22	00:00:08:07	00:00:08:07	00:00:08:07	00:00:00:09	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
23	00:00:09:06	00:00:09:06	00:00:09:06	00:00:00:24	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
24	00:00:09:14	00:00:09:14	00:00:09:14	00:00:00:08	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
25	00:00:09:23	00:00:09:23	00:00:09:23	00:00:00:09	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
26	00:00:10:06	00:00:10:06	00:00:10:06	00:00:00:06	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
27	00:00:10:13	00:00:10:13	00:00:10:13	00:00:00:07	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
28	00:00:11:21	00:00:11:21	00:00:11:21	00:00:01:08	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
29	00:00:12:02	00:00:12:02	00:00:12:02	00:00:00:06	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
30	00:00:12:12	00:00:12:12	00:00:12:12	00:00:00:10	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
31	00:00:12:20	00:00:12:20	00:00:12:20	00:00:00:08	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
32	00:00:13:11	00:00:13:11	00:00:13:11	00:00:00:16	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
33	00:00:14:09	00:00:14:09	00:00:14:09	00:00:00:23	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
34	00:00:15:01	00:00:15:01	00:00:15:01	00:00:00:17	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
35	00:00:15:06	00:00:15:06	00:00:15:06	00:00:00:05	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
36	00:00:15:17	00:00:15:17	00:00:15:17	00:00:00:11	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
37	00:00:16:06	00:00:16:06	00:00:16:06	00:00:00:14	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change
38	00:00:16:17	00:00:16:17	00:00:16:17	00:00:00:11	00:00:00:01	00:00:00:01	00:00:00:01	Scene Change

Segments Number=47 Video standard: PAL

MXF MPEG2 IBP 422 50 Mb HD

14

MXF MPEG2 IBP 422 50 Mb HD

MXF MPEG2 IBP 422 50 Mb HD

MXF MPEG2 IBP 422 50 Mb HD

00:00:00:00

Position: 0

Shuttle 0.00

608 708

EPMP

Flexi-Metadata

Relationships

Operations

Resource
Management

File-Based Operation



Quality Control

Etere provide two solutions for QC

Etere CMS provide a fast and inexpensive system to check your video and audio

- Freeze video
- Black video
- No Audio
- Out of phase audio
- Over peak audio
- Loudness control ITU 1770-1

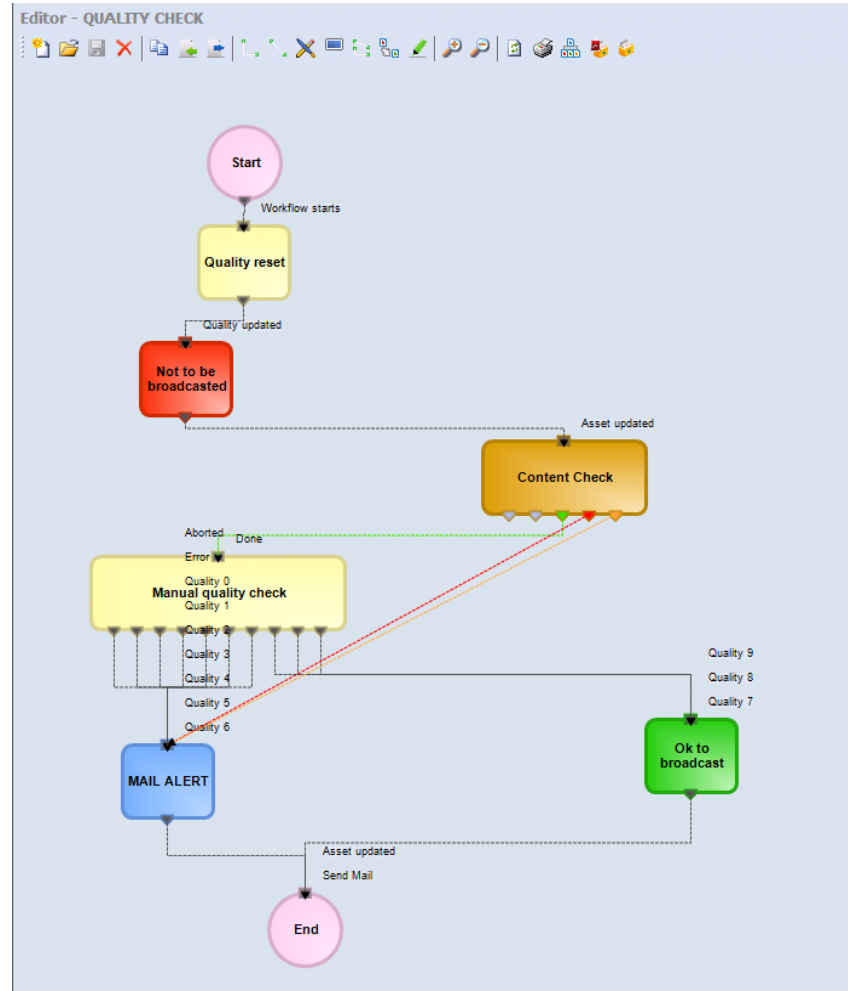
All can be performed faster than real-time from 8x to 100x using standard hardware

Etere Advanced QC complete QC control

- Multi thread up to 4 files at the same time in the same licence
- Load balancing
- Integrated WF

WF – Automatic Content Check

Full Workflow Driven



Loudness Control

- Etere enable Loudness control on both files and live
- You can normalize the files or do a live loudness management
- Also during ingest you can normalize the loudness
- We can use
 - ITU 1770-1
 - ITU 1770-2
 - ITU 1770-3

QC Status

QC results and
timecode

Fast point to
video

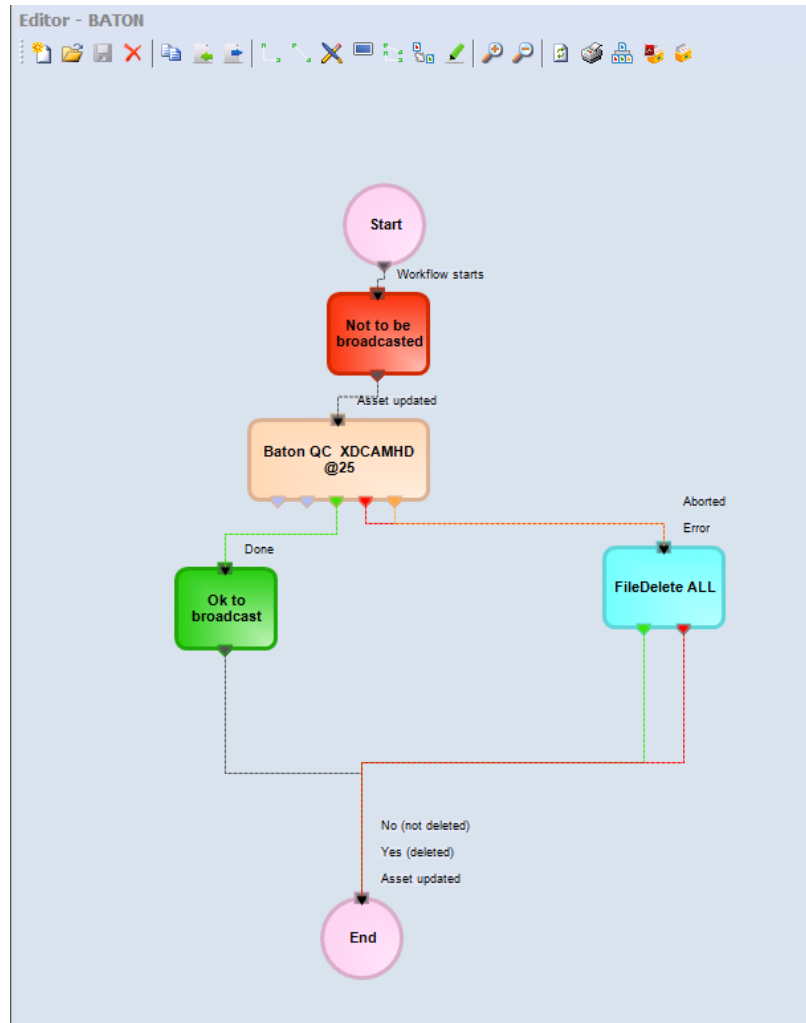
The screenshot displays the MAM (Media Asset Management) software interface. The top menu bar includes File, Tools, Show, and Utilities. Below the menu, the main workspace is divided into several panels. On the left, a panel shows QC results and timecode for a selected asset (MXF MPEG2 IBP 422 50 Mb HD). This panel includes a table with columns for ID, SOM, EOM, Physical Start, Physical End, Physical duration, Duration, and Description. The table lists four segments, with the first segment (ID 1) highlighted. A blue line points from the 'Fast point to video' text to the first segment in the table. The right side of the interface features a large video preview window showing a soccer match. Above the video, a 'Media List' panel displays a list of assets, including MXF MPEG2 IBP 422 50 and H264. The video player at the bottom shows a timeline with a playhead at 00:00:05.00 and a shuttle control.

ID	SOM	EOM	Physical Start	Physical End	Physical duration	Duration	Description
1	00:00:30.00	00:00:30.00	00:00:30.00	00:00:30.00	00:00:00.01	00:00:00.01	Scene Change
2	00:00:31.00	00:00:31.01	00:00:01.00	00:00:01.00	00:00:00.02	00:00:00.02	Video Freeze
3	00:00:45.00	00:00:45.01	00:00:13.24	00:00:13.24	00:00:00.02	00:00:00.02	Video Freeze 2
4	00:01:00.00	00:01:00.00	00:00:14.24	00:00:14.24	00:00:00.01	00:00:00.01	Scene Change 2

Using External QC

- Etere can be integrated with any file-based QC in the market including:
 - Cerify
 - Baton
 - Digimetrix
- The QC GUI is not needed everything is controlled by T-Workflow

QC Workflow



Detailed QC Results



Etere report from project: New Test

Progress(%):	100 %	Total files:	3
Created:	03/03/16 14:53:38	Analyzing:	0
Modified:	03/03/16 14:57:42	Completed:	3
Report date:	03/03/16 15:05:11	Paused/Blocked:	0



Analysis thresholds

logging	Blackness greater than 81
logging	Interlacing Artifacts greater than 61
warning	Freeze greater than 81
critical	Blockiness greater than 71
warning	Luminance Line Errors greater than 41
warning	Chrominance Line Errors greater than 41
logging	Level less than -20 dBFS
warning	Clipping is detected
critical	Mute is detected
critical	Loudness 1 out of -25 LUFS/LKFS and -23.1 LUFS/LKFS

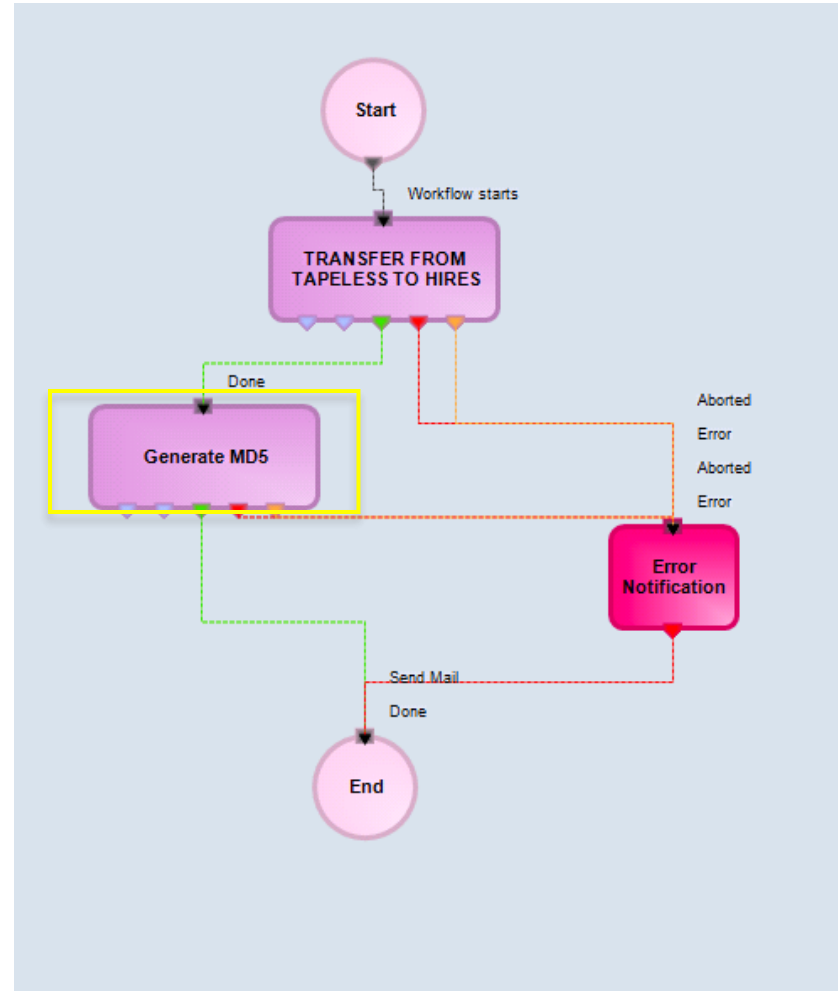
Thumbnail	Name	Container Format	Filesize	Logging	Warning	Critical	Progress	Status
	BRAVE.mxf	mxf	1049 MB	645	35	16	100 (5/9)	analyzed
	Frankenweenie.mxf	mxf	682 MB	293	41	29	100 (5/9)	analyzed
	argo.mxf	mxf	1045 MB	615	49	14	100 (5/9)	analyzed

MD5 Signature

How to Sign a File



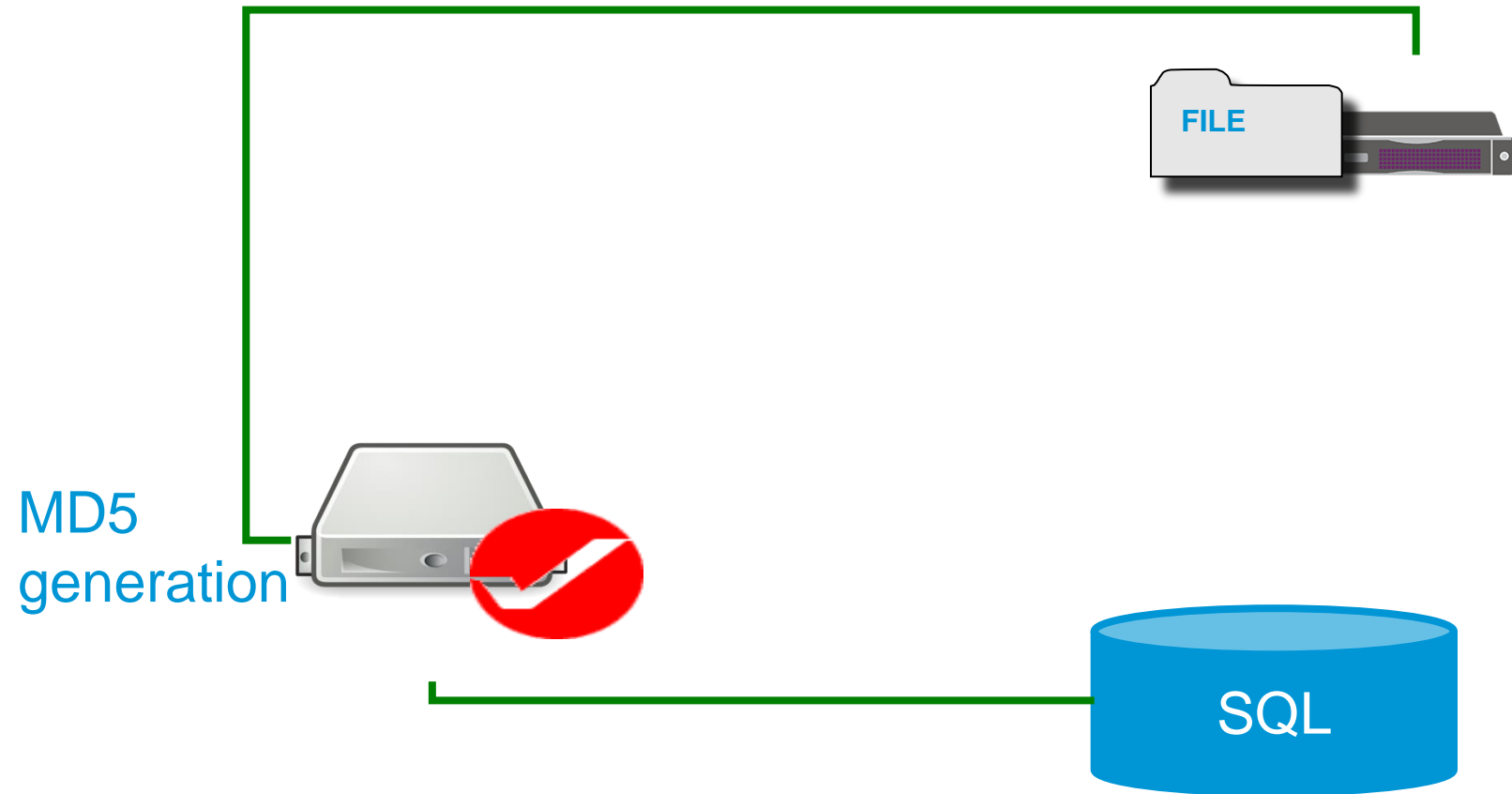
Typical Workflow Process



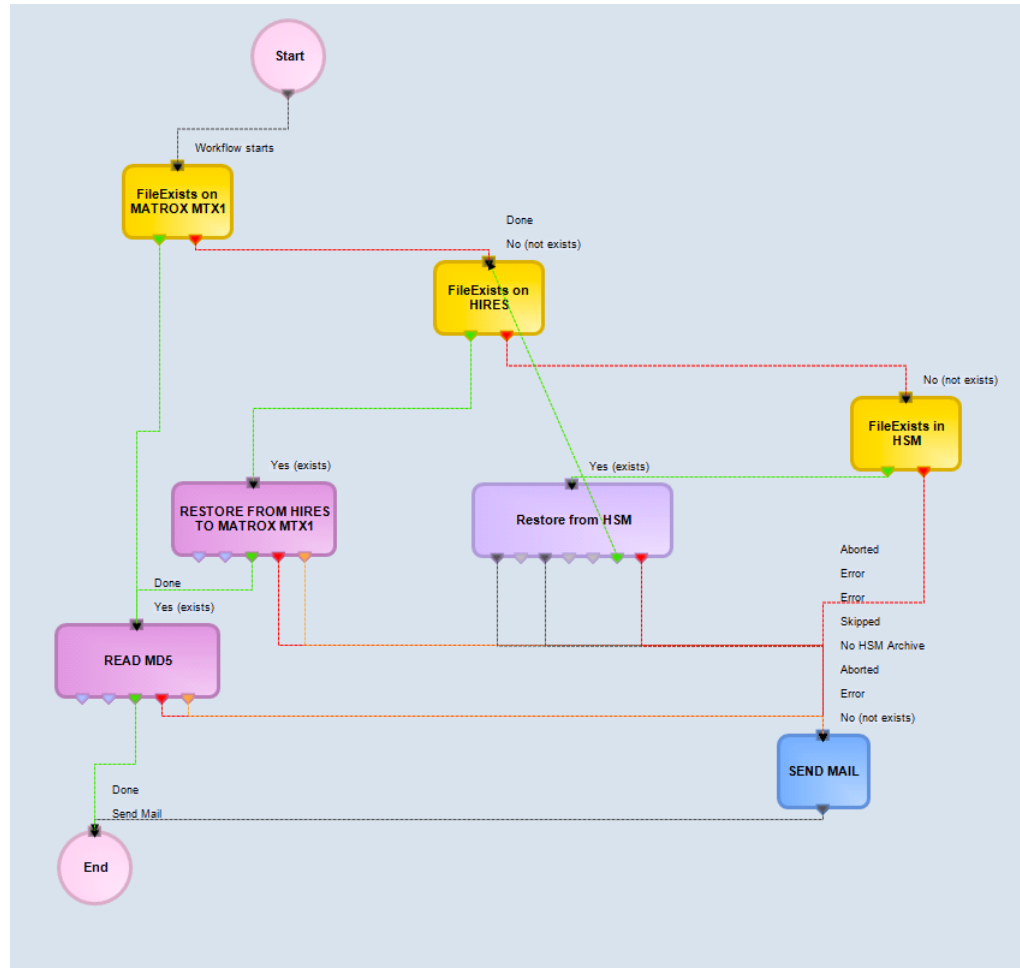
MD5

- MD5 is used to assure that the file does not change
 - After moving
 - After archive retrieve
 - After moving on WAN
- With MD5 you are sure that the content is exactly the same and the wrapper has no errors

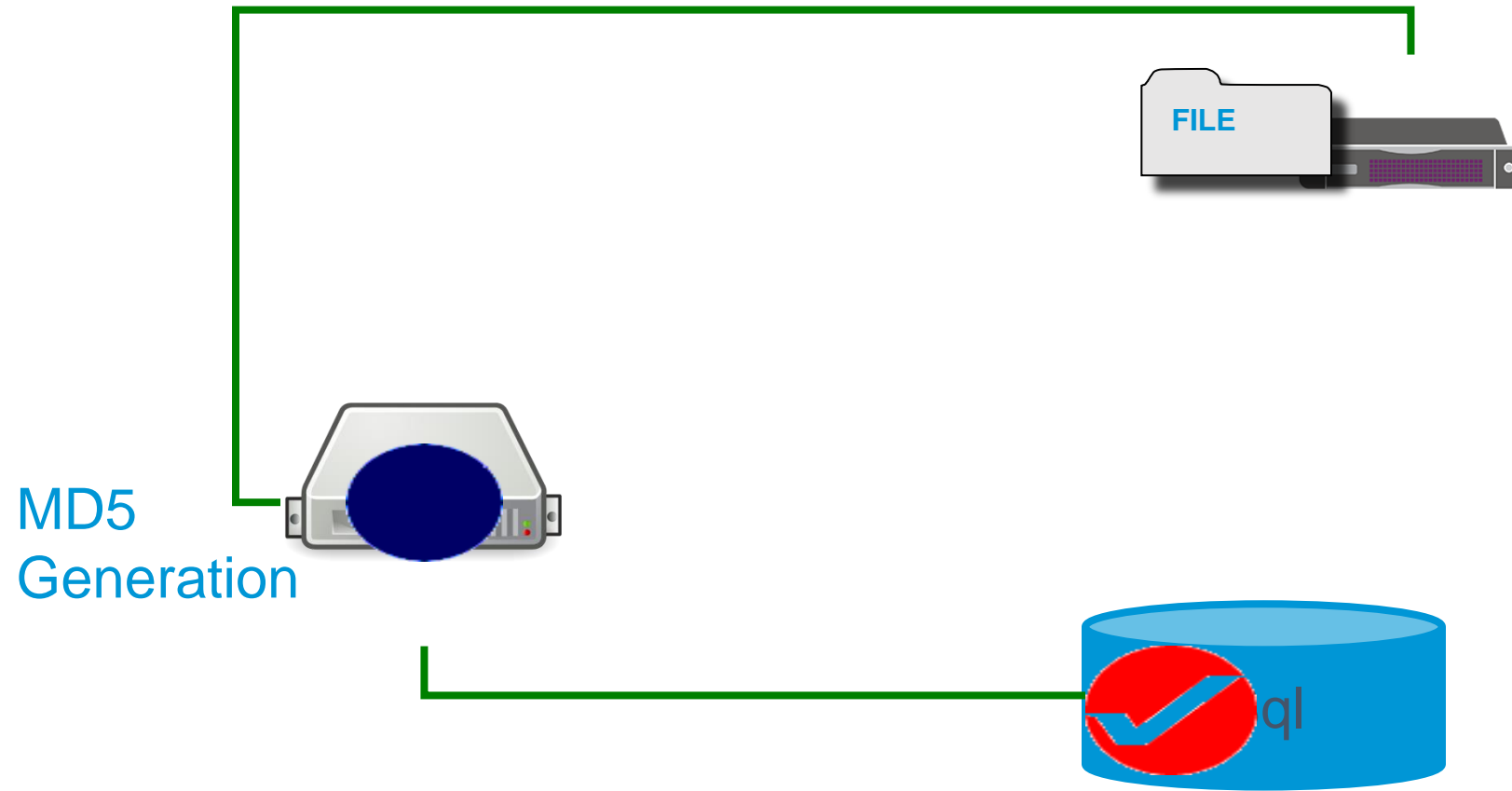
MD5



MD5 Control



MD5 Control



Files with MD5

Asset

ID: 8672 Type: j Code: FULLKITCHEN1 Title: DEMO 3 Episode 1 Version 1

Metadata Upload / link Media data Annotations T-Workflow Relationship Operations Virtual documents Stations Task Stories

All videostandard

FULLKITCHEN1 FULLKITCHEN1

Media data

H264

Offline Automation

Name: FULLKITCHEN1

Codec Code: H264 - (H264)

Cloud Device Code: LOWRES

SOM / Duration: 00:00:00.00 00:00:15.00

Files

Save

Physical Path Name: C:\demo_archive\LOWRES\

Physical File Name: FULLKITCHEN1.mp4

Original Path Name:

Original File Name: FULLKITCHEN1.mp4

Size: 6.58 MB

Modification time: 28/08/2020 18:01:10

MD5 Checksum: Checksum

Deadlines:

Other Video Operations

- Time code imprint
- Subtitle/CC imprint
- Titling
- Metadata transport/conversion
- Line 21/CC conversion
- Watermarking
- Logo insertion
- Aspect ratio conversion
- SD/HD conversion
- Cropping

Subtitling



File-Based Subtitles

- Using only file based procedures, T-workflow is able to insert subtitling in Video Vanc or VBI
 - Single
 - Multilanguage
- Also subtitles can be inserted on the video
- Google speech-to-text for 120 Languages and variants

Subtitle Creation

Import/export

Subtitle timeline

Preview

Controls

Subtitles: 1110 - test Storo

Edit Layout Show Help

Parameters English (United Kingdom)

SOM	EOM	Text
00:11:21.20	00:11:22.24	(insieme) "Shi"
00:11:23.01	00:11:25.03	<"No" si dice "po shi".
00:11:25.05	00:11:26.18	(insieme) "Po shi".
00:11:26.20	00:11:30.23	Qui le cose vanno come nel resto del mondo.
00:11:31.00	00:11:34.08	Tutto ha un prezzo. Quindi tirate fuori i soldi...
00:11:34.10	00:11:36.18	...e non pensate di avere campioni gratuiti.
00:11:37.01	00:11:38.16	(insieme) Sissignore!
00:11:38.18	00:11:42.15	RIDONO
00:12:14.03	00:12:16.01	Compagnia, alti!
00:12:34.07	00:12:35.17	Gli diamo addosso, Maggiore?
00:12:38.15	00:12:40.02	Voi non vi muovete.
00:12:41.16	00:12:43.05	- Murphy. - Comandi.
00:12:47.24	00:12:49.08	<Get-arm!
00:13:18.17	00:13:19.23	(in cinese) Buongiorno.
00:13:23.02	00:13:26.09	Di' al Capo Boxer che voglio fare un affare con lui.
00:13:27.04	00:13:28.16	Voglio comprare quel vecchio.
00:13:28.24	00:13:31.00	Ma è un inglese. Tu sei americano.
00:13:32.02	00:13:33.04	Venti dollari.
00:13:40.24	00:13:43.04	PARLANO CINESE
00:13:43.07	00:13:47.08	Teng-Ju, digli che faccio l'affare solo se è vivo.
00:13:48.13	00:13:49.22	Se è morto, niente.
00:13:51.21	00:13:55.07	PARLA CINESE Quaranta dollari.
00:13:57.22	00:13:58.24	D'accordo.
00:14:05.16	00:14:06.16	E' morto.
00:14:11.00	00:14:12.20	<Ma dice che devi pagare lo stesso...
00:14:12.22	00:14:14.14	...perché hai rovinato la cerimonia.
00:14:15.12	00:14:17.16	- Niente da fare. - Venti dollari?
00:14:19.18	00:14:20.22	<CARICA IL FUCILE
00:14:22.09	00:14:23.10	SPARO

Preview

00:11:22,20

Position: 17070 2

shuttle 0,00

Subtitle

SOM EOM (insieme) "Shi".

00:11:21.20 00:11:22.24

Subtitles

Text

Font Color Yellow

Font Color 2nd line Transparent

Font Color 3rd line Transparent

Text alignment Center

Vertical position 2

Position: 1, 1 Character: 1 Total characters: 22

Multilanguage Subtitling

Subtitles: 8627 - DEMO3: PICTURE IN PICTURE

Edit Layout Show Help

Parameters Turkish (Turkey)

Physical Start: 00:00:00.00, Framerate: PAL

SOM	EOM	Turkish (Turkey)	English (United Kingdom)
00:00:00.00	00:00:06.02	Hiç kimse bu ülkeye nasıl geldiğimizi bilmiyor	No one knows how we came to this land
00:00:06.02	00:00:11.02	Büyük dolu bir toprak ... ve tehlike	A land filled with magic... and danger
00:00:11.02	00:00:15.14	Bu benim babam, Dubrovnik kralı	That's my father, King of Dubrovnik
00:00:15.14	00:00:20.04	Sonra kardeşlerim var, daha çok şeytanlar	Then there's my brothers, devils more like
00:00:20.04	00:00:23.01		And there is my mother
00:00:23.01	00:00:26.05		she's in charge of every single day of my life
00:00:26.05	00:00:34.18		she just doesn't listen
00:00:34.18	00:00:36.10		pretend i'm Merida, speak to me
00:00:36.10	00:00:45.23		i don't want to get married: i want to stay single and let my hair flow in the wind
00:00:45.23	00:00:48.18		braces everyone
00:00:48.18	00:01:03.21		feast your eyes
00:01:03.21	00:01:07.09		give a turn
00:01:07.09	00:01:09.08		i can't breathe
00:01:09.08	00:01:10.18		it's perfect
00:01:10.18	00:01:14.18		i'll be shaking for my own hand
00:01:14.18	00:01:19.24		don't you dare losing that arrow
00:01:19.24	00:01:30.23		i want a spell that can change my fate
00:01:30.23	00:01:32.24		what's the worse can happen?
00:01:32.24	00:01:38.05		where's the queen? this mean war!
00:01:38.05	00:02:13.18		if you have the chance to change your fate, would you?

Preview

HÖM NAY

CHÜC MÜNG NÄM MÖI

06:00 Vũ Diệu Cuộc Sống

06:30 Nhỏ To Cùng Mẹ

07:00 Ca Nhạc Xuân

08:00

Hiç kimse bu ülkeye nasıl geldiğimizi bilmiyor

Subtitle

00:00:04.22

PAL PS 0

Position: 122

shuttle 0.00

Subtitle

SOM EOM

00:00:03.10 00:00:06.02

Hiç kimse bu ülkeye nasıl geldiğimizi bilmiyor No one knows how we came to this land

Subtitles

Text

Font Color

Font Color 2nd line

Font Color 3rd line

Text alignment

Vertical position

White

Transparent

Transparent

Center

3

Position: 1, 1 Character: 1 Total characters: 46

Live Subtitling

Subtitle

Live subtitling: 8014 - Holiday destinations

Edit Layout Show Help

Parameters Chinese (Singapore) Queue 1 Queue 2 Queue 3 Preview

Framerate: NTSC Drop Frame

SOM	EOM	Text
00:00:00.00	00:00:10.00	BUCKET & SKINNER'S EPIC ADVENTURES
00:00:22.17	00:00:24.10	You're taking forever, Aloe.
00:00:24.11	00:00:25.28	Which board?
00:00:25.29	00:00:27.21	It's trying to pick which
00:00:27.22	00:00:30.03	looks more breathtaking. Impossible.
00:00:34.05	00:00:36.11	What in the name of Aloe!
00:00:36.12	00:00:38.07	Is that a limited edition Silverflash?
00:00:38.08	00:00:41.07	Good eye. One of only three ever made.
00:00:41.08	00:00:42.12	He's my pride
00:00:42.13	00:00:45.21	I call him Bobo.
00:00:45.23	00:00:49.18	I said I call him Bobo!
00:00:49.19	00:00:50.27	Oh, sorry.

Queue 3

SOM	EOM	Text
00:04:29.18	00:04:31.08	What are you suggesting?
00:04:31.09	00:04:34.00	A secret arrangement. As captain of the surf team.
00:04:34.01	00:04:35.24	I could guarantee you make varsity.
00:04:35.25	00:04:38.19	In exchange, I ride your uncle's board.
00:04:38.20	00:04:40.14	You're crazy.
00:04:40.15	00:04:44.11	Am I, or am I just really, really good-looking?
00:04:44.13	00:04:46.16	Come on. Just sneak me that board.
00:04:46.17	00:04:48.29	and I'll get you on the varsity team.
00:04:50.06	00:04:53.02	Dude, I get dragged to school in an egg.
00:04:53.03	00:04:55.06	Trust me, it's awesome.

Subtitle

SOM	EOM	Text
00:00:00.00	00:00:10.00	BUCKET & SKINNER'S EPIC ADVENTURES

Subtitles

Text

Font Color Cyan
Font Color 2nd line Transparent
Font Color 3rd line Transparent
Text alignment Center
Vertical position 3

Position: 1, 1 Character: 1 Total characters: 35

Preview

00:00:00.00

PAL 00:00:00.00 10

Live subtitling

Position: 1, 1 Character: 1 Total characters: 0

Preview in MAM with Subtitles

The screenshot displays the Etere MAM interface. On the left is a sidebar with navigation options: Home page, Agenda, Schedule, Media Library, Collection, Shopping Cart, System, Memory, Air Sales, Tapeless, BMS, Reports, Manage, Scheduled Ingest, Ingest list, User messages, and Dashboard. The main area is titled 'Asset' and shows metadata for ID 8836, Type TV, Code 8836, and Title ZOOLANDER. Below this is a tabbed interface with tabs for Metadata, Upload / link, Media data, Annotations, T-Workflow, Relationship, Operations, Virtual documents, Stations, Task, and Stories. The 'Metadata' tab is active, showing physical and scheduled durations. A video player is embedded, showing a scene with a man in a white suit and the subtitle 'He joins the game'. A blue arrow points from the 'SUBS' button in the video player to a dropdown menu titled 'Multilanguage Subtitles Selection'. The menu lists: No subtitles, English (United Kingdom), French (France), Italian (Italy), and Vietnamese (Vietnam). To the right of the video player is a table of subtitle options.

Edit Options - Edit n.8	
Edit	Delete
SOM	EOM
00:00:08.14	00:00:11.14
DUR	00:00:03.01
Type	
1 2 3 4 5 6 7 8 9	
This is where it all begins	
Edit	Delete
SOM	EOM
00:00:12.29	00:16:11.00
DUR	00:15:58.22
Type	
The Beginning Before Time	
Edit	Delete
SOM	EOM
00:00:16.38	00:00:20.38
DUR	00:00:04.01
Type	
The Song	
Edit	Delete
SOM	EOM
00:00:20.15	00:22:14.05
DUR	00:21:53.41
Type	
The Match	
Edit	Delete
SOM	EOM
00:01:05.04	00:01:15.01
DUR	00:00:10.01
Type	
After the Match	
Edit	Delete
SOM	EOM
00:01:20.43	00:01:30.43
DUR	00:00:10.01
Type	
Justice	
Edit	Delete
SOM	EOM
00:02:21.10	00:02:28.10
DUR	00:00:08.01
Type	
Get It On	
Edit	Delete
SOM	EOM
00:06:55.33	00:07:22.33
DUR	00:00:27.01
Type	
Evolution	
Edit	Delete
SOM	EOM
00:16:22.34	00:22:28.34
DUR	00:06:06.01
Type	
It All Goes Down	
Edit	Delete
SOM	EOM
01:15:24.48	01:30:24.48
DUR	00:15:00.01
Type	
Wait for it	
Edit	Delete
SOM	EOM
01:11:24.49	01:13:26.09
DUR	00:02:01.11
Type	
Born Again	
Edit	Delete
SOM	EOM
00:01:25.34	00:01:25.34
DUR	00:00:00.01
Type	
Clouds in the Sky	
Edit	Delete
SOM	EOM
00:01:26.46	00:01:26.46
DUR	00:00:00.01
Type	
Scene Change	
Edit	Delete
SOM	EOM
00:01:27.15	00:01:27.15
DUR	00:00:00.01
Type	
Scene Change	

Scheduling



Scheduling

- Completely integrated with Automation
- Graphical interface for improving the ease of use
- Frame accurate
- Multi-users
- Multi-station

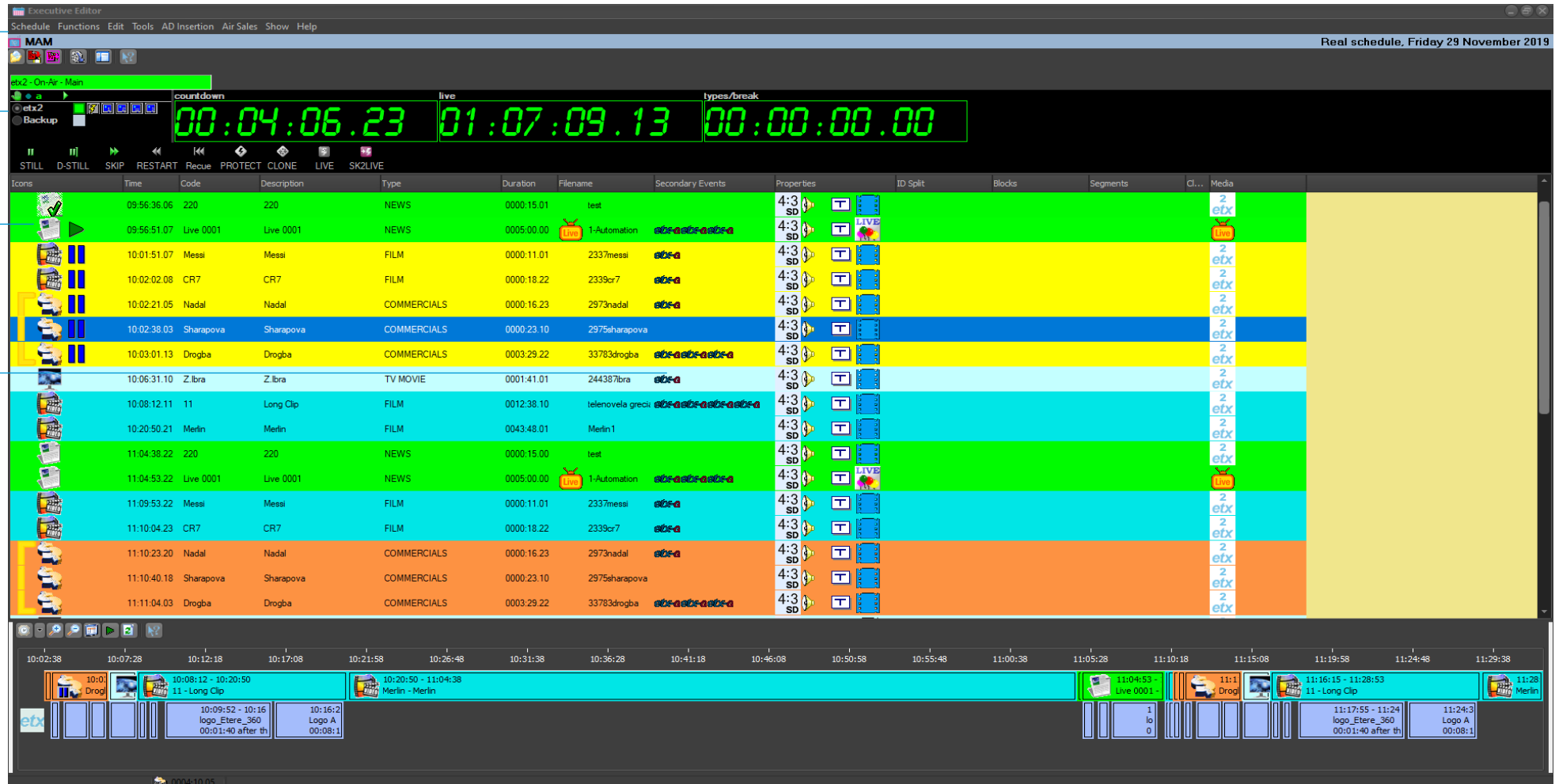
Scheduling

Status bar

Functions toolbar

**Program
main
attribute**

Secondary events



Schedule on Web

Historical

☐

Time Zone

☒

View

Date

26/11/2017

Schedule

Real schedule

Cluster

Compressed

View

Play in evidence

Station

MAM

Warning	Status	Time	Type	Code	Duration	Title	Secondary Ev...	SOM	EOM	Media	Properties	Proxy
		00:17:56.29	FILM	1027	00:00:30.02	Richardone_001_clip30secondi		00:00:00.00	00:00:30.01	etx		
		00:18:27.03	FILM	1028	00:02:59.27	Richardone_002_clip3minuti		00:00:00.00	00:02:59.26	etx		
		00:21:27.00	FILM	1029	00:04:59.24	Richardone_003_clip5minuti		00:00:00.00	00:04:59.23	etx		
		00:26:26.26	FILM	1030	00:09:59.15	Richardone_004_clip10minuti		00:00:00.00	00:09:59.14	etx		
		00:36:26.11			00:00:30.03			00:00:00.00	00:00:30.02			
		00:36:26.29	NEW	1035	00:10:00.00	Richardone_Live001		00:00:00.00	00:09:59.29			

Warning

Status

Time

Type

Code

Duration

Title

Secondary Event

SOM

EOM

Media

Properties

Proxy

Scheduling Sec Events

The screenshot shows the ETX Executive Editor interface. The main window displays a program schedule for Friday, 29 November 2019. The schedule is organized into rows representing program segments, each with columns for Time, Code, Description, Type, Duration, Filename, Secondary Events, Properties, ID Split, Blocks, Segments, and Media. The schedule includes various programs such as 'Live 0001', 'Messi', 'CR7', 'Nadal', 'Sharapova', 'Premier League', 'Drogba', 'AU OPEN', 'Roland Garros', 'Zibra', 'Long Clip', and 'Merlin'. Two dialog boxes are open: 'Properties' for 'LIVE 0001' and 'Logo List' showing 'Logo Stazione'.

CG/Crawl/Logo

Logo list

Multichannel Editing

Icons	Time	Code	Description	Type	Timecode Out	Timecode In	Duration	Filename	Secondary Events	Properties	ID Split	Blocks	Segments
-------	------	------	-------------	------	--------------	-------------	----------	----------	------------------	------------	----------	--------	----------

Etere Multichannel Editor

Functions Tools Show Help

16/04/2024 10:34:35

MAM

Another user is using it. Real schedule, martedì 16 aprile 2024

Icons	Time	Code	Description	Type	Timecode out	Timecode in	Duration	Filename	Secondary Events	Properties	ID Split	Blocks	Segments	Cluster Sorting	Media
	10:12:48,04	28	PUBBLICITA_004	clusters - COMMERCIALS	00:01:37,01	00:00:00,00	00:01:37,02	28		16:9 HD					1 2
	10:14:25,06	15	CONCERTO POLICLINICO	entertainment - FILM	00:21:25,01	00:00:00,00	00:21:25,02	15		16:9 HD					1 2
	10:35:50,08	25	PUBBLICITA_001	clusters - COMMERCIALS	00:00:59,20	00:00:00,00	00:00:59,21	25		16:9 HD					1 2
	10:36:50,04	26	PUBBLICITA_002	clusters - COMMERCIALS	00:00:52,21	00:00:00,00	00:00:52,22	26		16:9 HD					1 2
	10:37:43,01	27	PUBBLICITA_003	clusters - COMMERCIALS	00:00:50,21	00:00:00,00	00:00:50,22	27		16:9 HD					1 2
	10:38:33,23	28	PUBBLICITA_004	clusters - COMMERCIALS	00:01:37,01	00:00:00,00	00:01:37,02	28		16:9 HD					1 2
	10:40:11,00	12	L'intervista a Roberto Baggio di Giuseppe De Bellis a V.	entertainment - FILM	00:36:29,24	00:00:00,00	00:36:30,00	12		16:9 HD					1 2
	11:16:41,00	25	PUBBLICITA_001	clusters - COMMERCIALS	00:00:59,20	00:00:00,00	00:00:59,21	25		16:9 HD					1 2
	11:17:40,21	26	PUBBLICITA_002	clusters - COMMERCIALS	00:00:52,21	00:00:00,00	00:00:52,22	26		16:9 HD					1 2
	11:18:33,18	27	PUBBLICITA_003	clusters - COMMERCIALS	00:00:50,21	00:00:00,00	00:00:50,22	27		16:9 HD					1 2
	11:19:24,15	28	PUBBLICITA_004	clusters - COMMERCIALS	00:01:37,01	00:00:00,00	00:01:37,02	28		16:9 HD					1 2
	11:21:01,17	14	DOCUMENTARIO TORRE ASTURA	entertainment - FILM	00:19:14,11	00:00:00,00	00:19:14,12	14		16:9 HD					1 2

etx1 countdown live elapsed
00:01:14,02 | -: -: - | 00:20:11,00

etx2 countdown live elapsed
00:20:45,11 | -: -: - | 00:15:44,14

Main Host not valid Main Host not valid

STILL D-STILL SKIP RESTART Recue PROTECT CLONE LIVE SK2LIVE

05:00 06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00

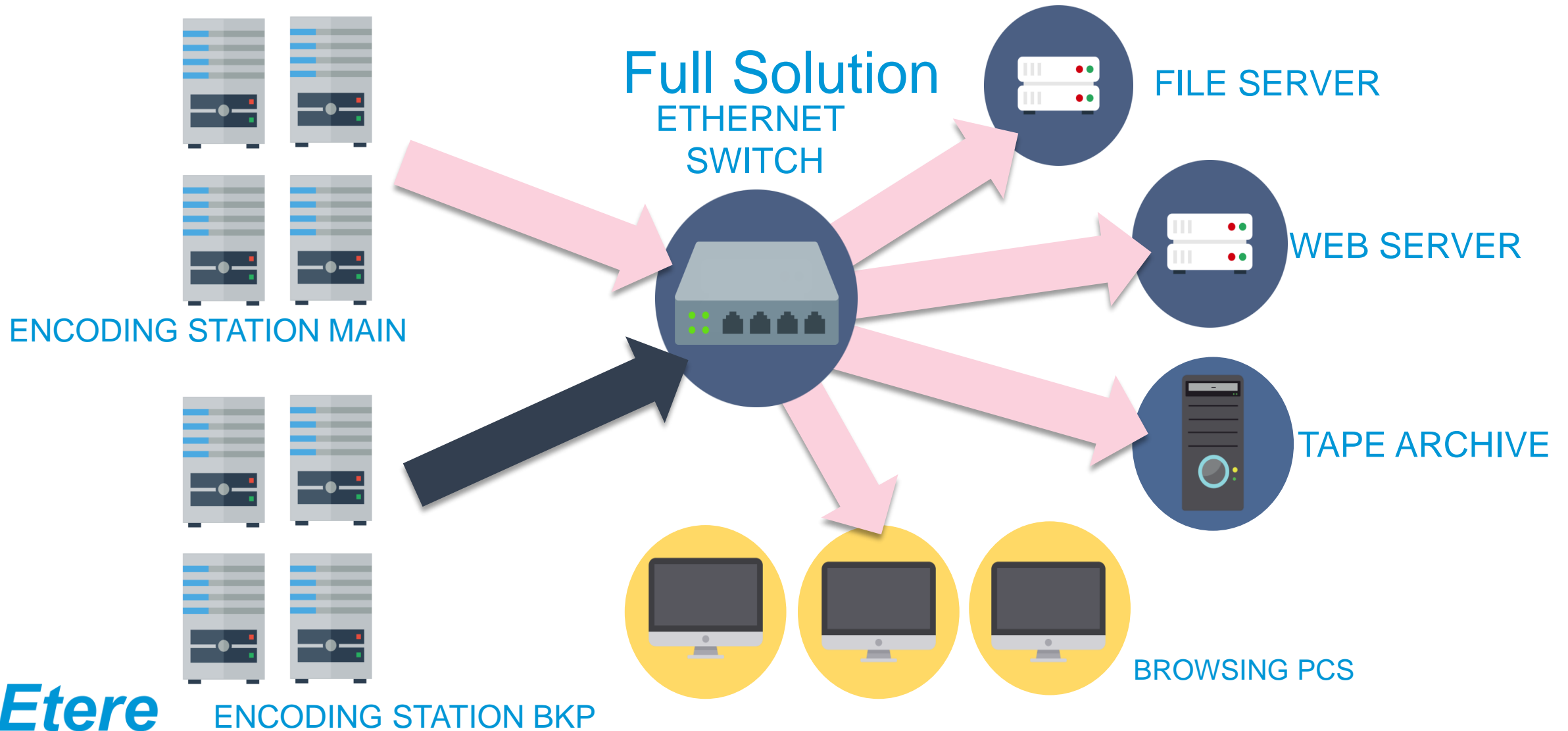
1 2 3 4 5 6

Memory

Logging Software



Full Solution ETHERNET SWITCH



Memory Browser

The screenshot displays the Etere Memory Browser interface. On the left is a sidebar with the Etere logo and a navigation menu including Home Page, Air Sales, Automation, BMS, Dashboard, MAM, Memory (selected), audience, browser, delete redundant files, reports, Reports, Resources Management, and System. The main area is titled 'Memory browser' and features a 'MAM' dropdown, a date filter for '19/10/2020', and a search bar. Below these is a list of memory segments with timestamps. A video player on the right shows a scene with a woman and a man, with the timestamp '2020-10-19 10:24:32:76' at the top. The video player includes standard playback controls and a progress bar. At the bottom of the interface, there are buttons for 'GO', 'SOM', and 'EOM', along with a scissors icon for editing. The footer text reads 'Etereweb - Etere pte ltd'.

Etere
A consistent system

Memory browser

MAM

19/10/2020 HH:MM:SS

Search...

19/10/2020 10:06:07 - 00:00:07.52

19/10/2020 10:12:09 - 00:00:42.00

19/10/2020 10:24:32 - 01:00:00.12

19/10/2020 11:24:32 - 01:00:00.12

19/10/2020 12:24:32 - 00:55:56.88

2020-10-19 10:24:32:76

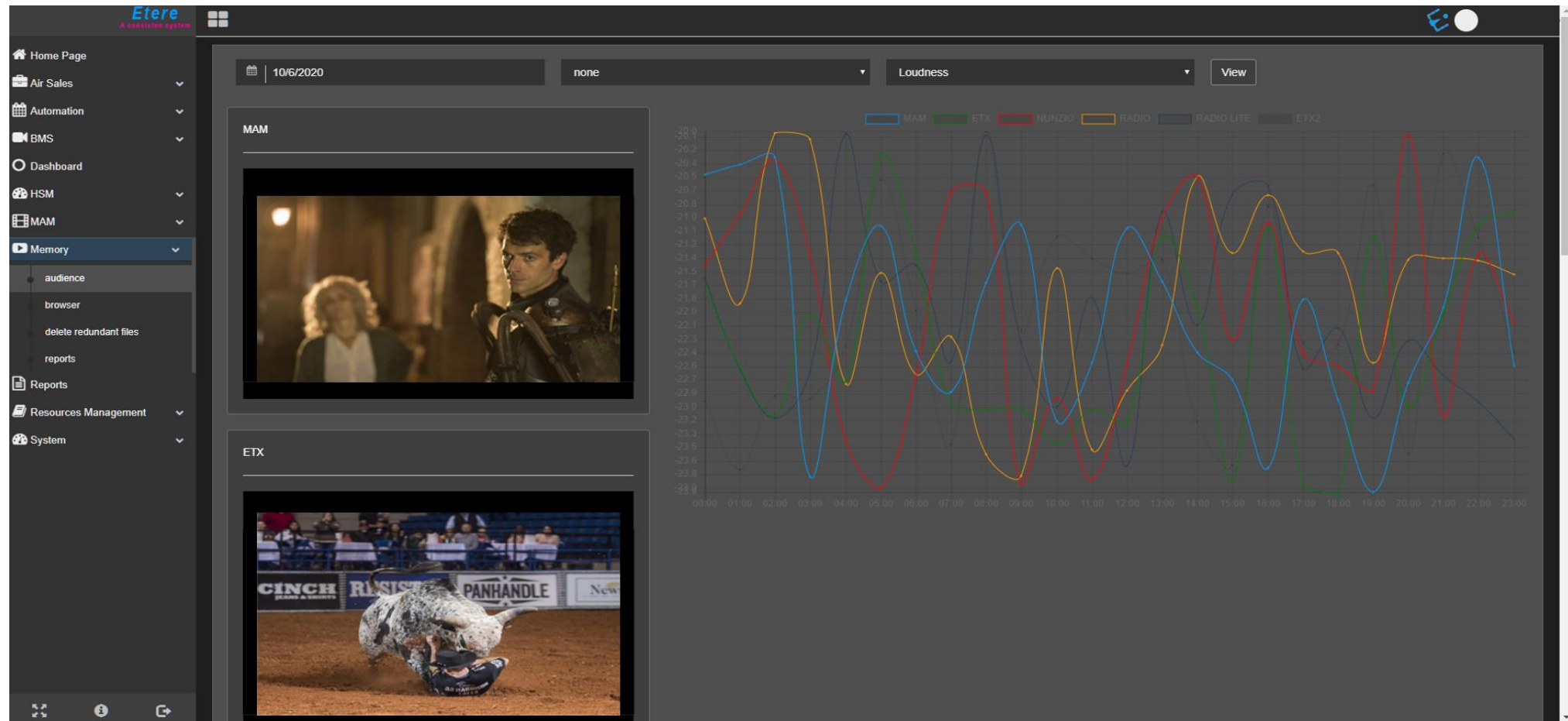
01:00:00:04

AUDIO SUBS

hh:mm:ss:ff GO hh:mm:ss:ff SOM hh:mm:ss:ff EOM

Etereweb - Etere pte ltd

Audience Preview



Web Cutting


Preview

Etere
Web
Cutting

Etere web cutting

Search file... Search ...

2 (00:01:45.14)	▶	📄
438 (00:00:00.01)	▶	📄
439 (00:00:00.01)	▶	📄
439 (00:00:00.01)	▶	📄
443 (00:00:10.02)	▶	📄
3 (00:19:14.12)	▶	📄
438 (00:00:00.01)	▶	📄
443 (00:00:10.02)	▶	📄
1 (00:21:25.02)	▶	📄
5 (00:00:09.13)	▶	📄
4 (00:00:08.00)	▶	📄
7 (00:00:39.02)	▶	📄
6 (00:00:08.00)	▶	📄
9 (00:00:12.14)	▶	📄
8 (00:00:26.05)	▶	📄
10 (00:00:29.23)	▶	📄
12 (00:00:50.03)	▶	📄
14 (00:00:50.22)	▶	📄
13 (00:00:59.21)	▶	📄
15 (00:01:37.02)	▶	📄



00:08:15:09

segment duration: 00:00:00:00

in timeline

start 00:00:00:00 end 00:00:00:00

start 00:00:00:00 end 00:00:00:00

00:00:00:00	00:00:01:00	00:00:02:00	00:00:03:00	00:00:04:00	00:00:05:00	00:00:06:00	00:00:07:00	00:00:08:00	00:00:09:00
-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------

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User Permissions Management



User Permissions

- Etere has a complete rights management system
- Each user can be profiled, and can have different rights according to station and functions
- User can be grouped for an easy management
- Groups and users can be Active Directory integrated

User Permissions

Stations

Groups

Rights reverse view

Etere Configuration

User Permissions

Stations

Rights on station

Stations: NUNZIO

Groups: Administrators, ETEREWB, Everyone.

View Search

Groups

Login: paolod@italy.etere.com

Supervisor

User Rights Display

User rights

Web rights

Workflow instance rights

Workflow action rights

Settings

General Settings

Widgets

Search options

Memory options

Schedule options

Watermark player

Upload options

Account

Login Report

User Statistics

Users rights

Web rights

✓ Creative Area\Creation of new asset

✓ Creative Area\View asset

✓ EtereWeb\Air Sales

✓ EtereWeb\Download File

✓ EtereWeb\Ingest List with rack

✓ EtereWeb\IMAM

✓ Etereweb\media library\general data\events

✓ Etereweb\media library\general data\properties

✓ Etereweb\media library\links

✓ Etereweb\media library\metadata

✓ Etereweb\media library\tasks

✓ EtereWeb\Memory

✓ EtereWeb\Modify password

✓ EtereWeb\Sales Proposal

✓ EtereWeb\Sales proposal change extra discount

✓ EtereWeb\Sales proposal manual price

✓ EtereWeb\SC\Create

✓ EtereWeb\SC\Restart

✓ EtereWeb\SC\SupervisorUser

✓ EtereWeb\SC\View_incomplete

✓ EtereWeb\Scheduled Ingest

✓ EtereWeb\Show Extra menu

✓ EtereWeb\Supervisor

✓ EtereWeb\T-Workflow operations

✓ EtereWeb\XDCAM

✓ Watermark use on Etereweb Player

✓ Web\BMS

✓ Web\RPT

✓ Creative Area\Creation of promo schedule

✓ Creative Area\View promo status

✓ EtereWeb\Assets insertion and modification

✓ EtereWeb\Download Hires

✓ EtereWeb\Ingest List with template

✓ Etereweb\media library\bundle

✓ Etereweb\media library\general data\main

✓ Etereweb\media library\general data\rightsmng

✓ Etereweb\media library\media

✓ Etereweb\media library\operations

✓ Etereweb\media library\T-Workflow

✓ EtereWeb\Modify asset

✓ EtereWeb\Play

✓ EtereWeb\Sales proposal change class color

✓ EtereWeb\Sales proposal change percentage

✓ EtereWeb\SC\Access

✓ EtereWeb\SC\Delete

✓ EtereWeb\SC\Save

✓ EtereWeb\SC\View_active

✓ EtereWeb\SC\View_logs

✓ EtereWeb\Search grid operations

✓ EtereWeb\SAIE

✓ EtereWeb\Tape Search

✓ EtereWeb\View asset

✓ Nunzio Stories

✓ Web\AIRLIGHT

✓ Web\COLLECTION

✓ Creative Area\Modify asset

✓ EtereWeb\Access to station

✓ EtereWeb\Commercial crowding

✓ EtereWeb\Ingest List

✓ EtereWeb\Ingest List without rack

✓ Etereweb\media library\general data

✓ Etereweb\media library\general data\metadata

✓ Etereweb\media library\general data\virtualdoc

✓ Etereweb\media library\media data

✓ Etereweb\media library\stations

✓ Etereweb\media library\upload link

✓ EtereWeb\Modify menu

✓ EtereWeb\Racks

✓ EtereWeb\Sales proposal change discount

✓ EtereWeb\Sales proposal insertion

✓ EtereWeb\SC\Admin

✓ EtereWeb\SC\Modify

✓ EtereWeb\SC\SaveAndSubmit

✓ EtereWeb\SC\View_failed

✓ EtereWeb\SC\View_pending

✓ EtereWeb\Series

✓ EtereWeb\SNMP

✓ EtereWeb\Tapeless

✓ EtereWeb\View Web Schedule

✓ User messages

✓ Web\ASS_GENDATA_VD_EDIT

✓ Web\WUMA

Workflow instance rights

Workflow action rights

Etere ETX-M

Multiviewer



Etere ETX-M IP Multiviewer

- Manage multiple inputs of network & live video sources for simultaneous broadcast
- 4K resolution monitoring
- Up to 9 display monitors
- Up to 30 video streams in real-time
- Includes ETX Legacy Converter
- Loudness control

Loudness Control



Loudness Control

The image displays a professional video production control room interface. It features a multi-camera live broadcast setup with 18 satellite camera feeds arranged in a 6x3 grid. The central area is dedicated to two video feeds, each with a timeline, progress bar, and error log. The top feed, 'Family Spacing Out', shows a progress bar at 00:26:08 and a list of errors including 'Logo 4 not uploaded' and 'Logo 4 can't be streamed'. The bottom feed, 'Couple In Blue Filter', shows a progress bar at 00:46:08 and errors like 'Logo 2 not uploaded' and 'Timing sequence incorrect'. The bottom grid of feeds includes a 'PROGRAM MN' feed and several other satellite feeds showing various scenes like a couple in a blue filter, a logo fade in, and a couple in a blue filter.

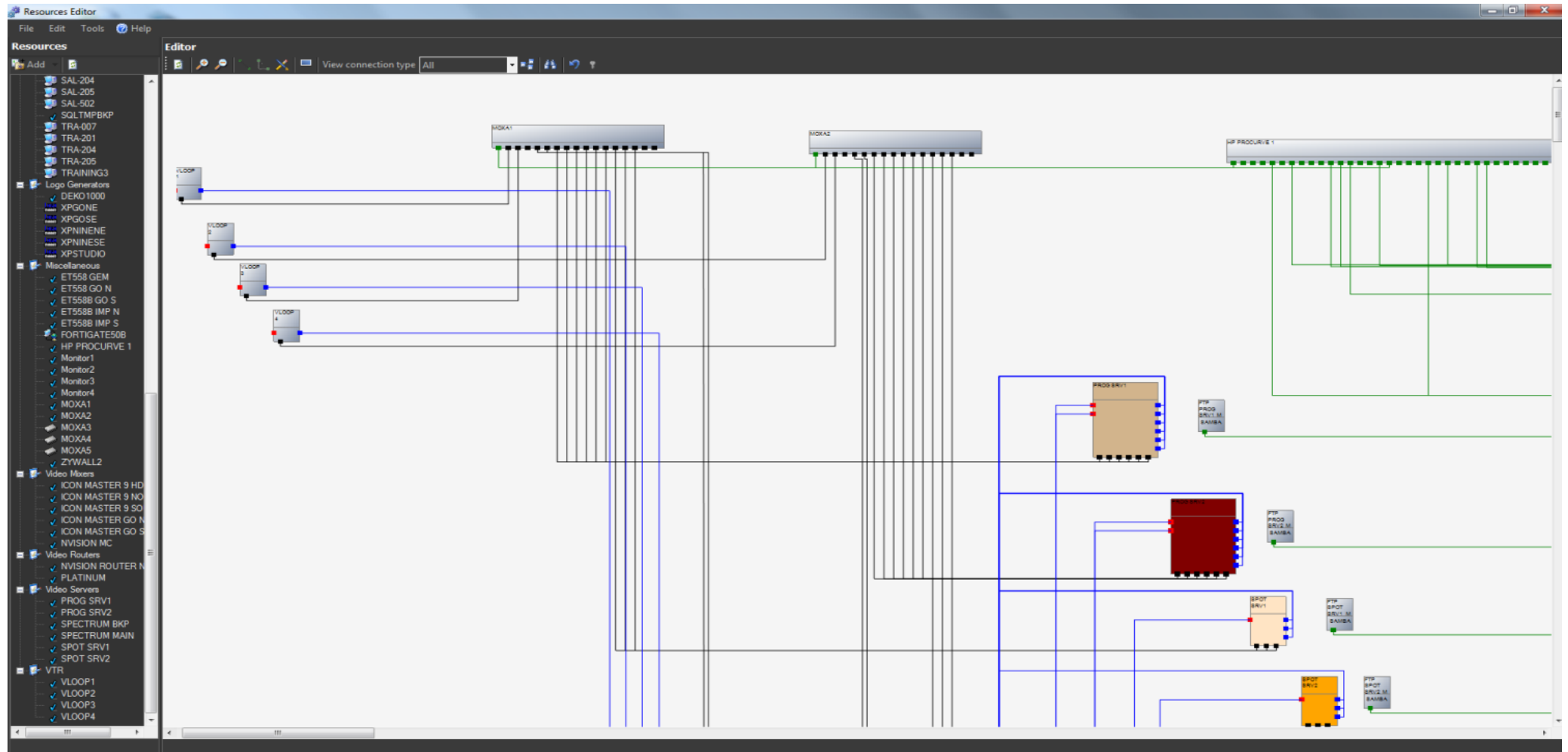
SNMP Console



Graphic Tool

- The SNMP console in Etere has been completely re-designed
- The console is also the Etere graphic configuration tool
- Creating a simple graphic you can describe how the system is connected, and how many objects you have
- Etere console allows to insert Etere devices but also non Etere ones, as network switches, routers, firewalls
- Different connections (SDI, Ethernet, GPI, rs422) have different colours

Graphic Tool



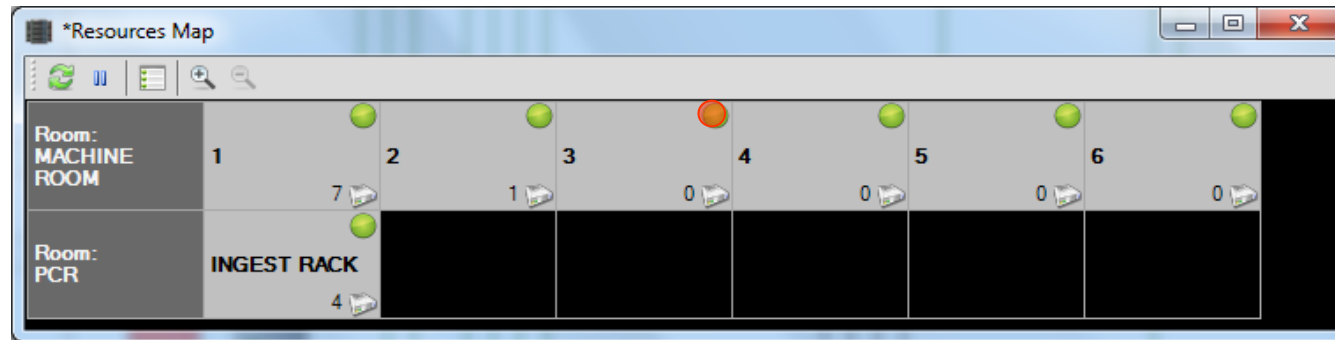
Central Information Repository

The SNMP console is able to store for every device

- The configuration details (IP, drives, add on boards)
- The SNMP error log
- Your operation log (as VTR heads changed)
- All service manuals using the integrated document management
- The position in the Racks

Room View

This room view allows you to see all the station in one single view
An error in a room and rack is displayed as red light



Rack Details

*Resources Map

Room: MACHINE ROOM

1		2		3		4		5		6	
24		24		24		24		24		24	
23		23		23		23		23	GSS4	23	
22	NPort1	22	LTO LIBRARY	22	OMN6	22	MDK2	22		22	
21	NETWORK SWITCH	21		21		21		21	PG4	21	
20		20		20		20		20		20	
19		19		19		19		19	STORAGE	19	
18		18		18		18	MDK3	18		18	
17		17		17		17		17		17	
16	MTX	16		16		16		16		16	
15		15		15		15		15		15	
14		14		14		14	MDK4	14		14	
13		13		13		13		13		13	
12	MEMORY	12		12		12		12		12	
11	TAPELESS RECEPTI...	11		11		11		11		11	
10		10		10		10	MDK5	10		10	
9	AUMAIN	9		9		9		9		9	
8		8		8		8		8		8	
7	AUCLONE	7		7		7		7		7	
6	MTX LOGO	6		6		6		6		6	
5		5		5	HSM1	5	PREVIEW	5		5	
4	MASTER CONTROL	4		4	HSM2	4		4		4	
3		3		3		3		3		3	
2		2		2	ETLIBRARYWS2008	2		2		2	
1		1		1		1		1		1	

SNMP Error History

Monitoring Console

File SNMP Tools Help

Space monitor

Device name	Total	Available	Free space	Notes
DB Server			0%	2 of 2 volumes are unavailable
HSM SERVER			0%	2 of 2 volumes are unavailable
Masstech Mass				2 of 2 volumes are unavailable
MichaelW7				10 of 10 volumes are unavailable
NLE-100				2 of 2 volumes are unavailable
NLE-220				1 of 1 volumes are unavailable
NLE-350				3 of 3 volumes are unavailable
OmneonLR				1 of 1 volumes are unavailable
P2 Storage Serv				7 of 7 volumes are unavailable
VS-MTX1				

All SNMP messages - Found(734)

Types	Device	Date	Description	Error code	Status
✖	172.031.230.145	28/11/2012 17:05:10	device VS-MTX1 (IP=172.31.230.145) DO ...	25000	Not archived
✖	172.031.230.106	28/11/2012 11:48:56	The application etereau.exe [25620] on ML...	5000	Not archived
✖	172.031.230.106	28/11/2012 10:58:51	The application EtereMM9.exe [2124] on ...	5000	Not archived
✖	172.031.230.106	28/11/2012 10:57:51	The application EtereMM9.exe [2124] on ...	5000	Not archived
✖	172.031.230.106	28/11/2012 10:56:51	The application EtereMM9.exe [2124] on ...	5000	Not archived
✖	172.031.230.106	28/11/2012 10:55:51	The application EtereMM9.exe [2124] on ...	5000	Not archived
✖	172.031.230.106	28/11/2012 10:54:51	The application EtereMM9.exe [2124] on ...	5000	Not archived
✖	172.031.230.106	28/11/2012 10:53:51	The application EtereMM9.exe [2124] on ...	5000	Not archived
✖	172.031.230.079	19/11/2012 17:19:58	Genlock status is <UNLOCKED>Genlock ...	402653186	Not archived
⚠	172.031.230.079	19/11/2012 17:17:56	c3 worker process warningPrivate Bytes ha...	402653186	Not archived
⚠	172.031.230.079	19/11/2012 17:16:54	c2 worker process warningPrivate Bytes ha...	402653186	Not archived
✖	172.031.230.079	19/11/2012 16:19:58	Genlock status is <UNLOCKED>Genlock ...	402653186	Not archived
⚠	172.031.230.079	19/11/2012 16:17:56	c3 worker process warningPrivate Bytes ha...	402653186	Not archived
⚠	172.031.230.079	19/11/2012 16:16:54	c2 worker process warningPrivate Bytes ha...	402653186	Not archived
✖	172.031.230.079	19/11/2012 15:19:58	Genlock status is <UNLOCKED>Genlock ...	402653186	Not archived

Message type: ☐ Information ☒ Warning ☒ Error ☐ Unknown

Period: ☒ All ☐ Today ☐ Last week ☐ Last month

View: ☒ All ☐ Archived ☐ Not archived

Order: ☒ By period ☐ By type

Other: ☐ View device name

Instances: 219

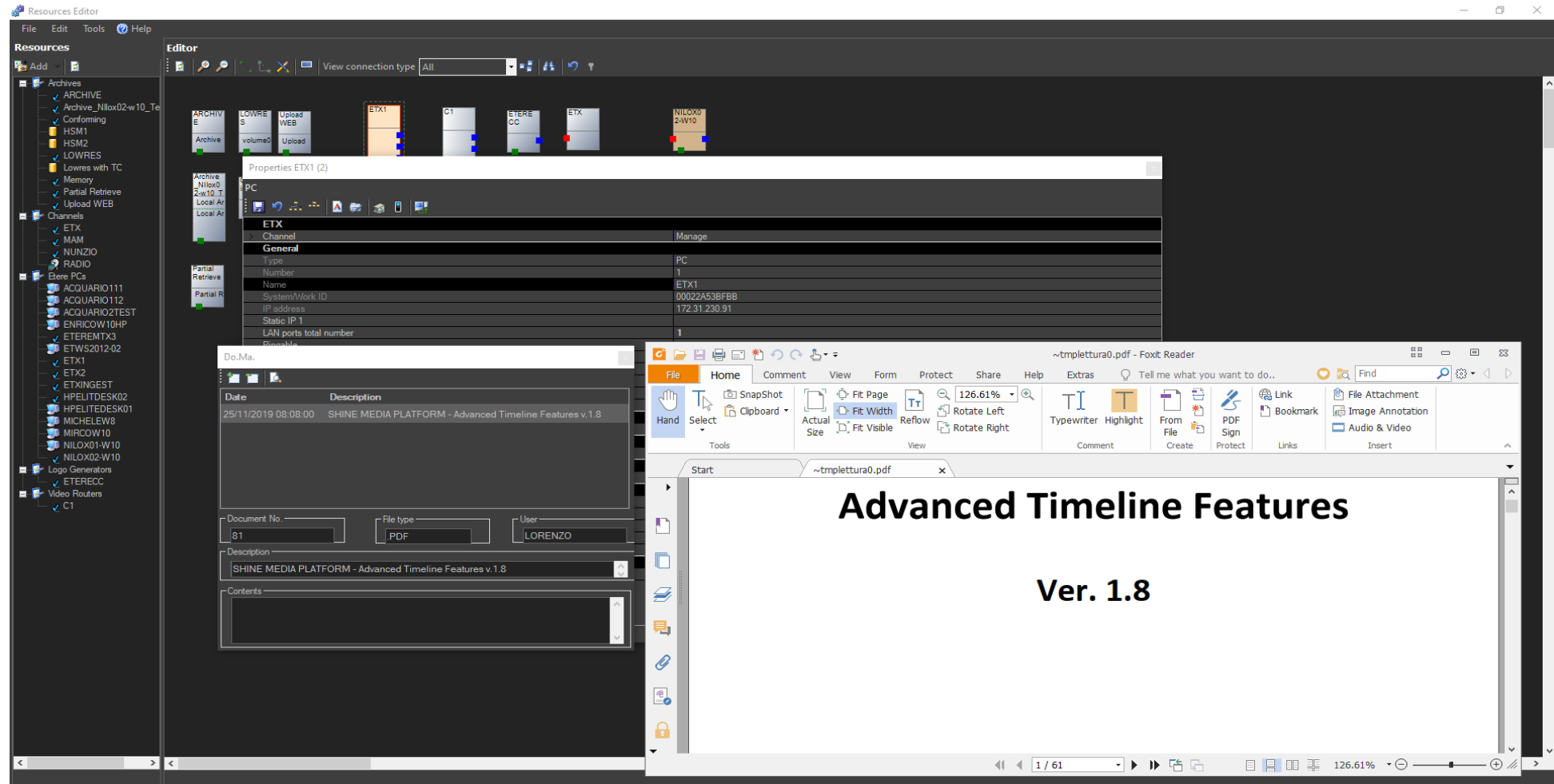
Action	Action status	Creation date	Start date	Estimated end date
S Tape-Copyin...	Waiting	11/06/2012 15:1...		
S Promo Creati...	Running	11/06/2012 15:1...		
DPY from Arch...	Waiting	07/09/2012 09:3...		
S Editing for ce...	Running	20/07/2012 15:4...		
request for dow...	Waiting	20/06/2012 11:5...		
S Tape-Copyin...	Waiting	11/06/2012 15:1...		
eDelete on SE...	Waiting	23/03/2011 12:5...		
annual quality ch...	Waiting	11/06/2009 12:5...		

Service Logs

The screenshot displays the Etere Resources Editor interface. On the left, a tree view lists various resources under categories like Archives, Channels, Etere PCs, Logo Generators, and Video Routers. The main workspace shows a visual representation of these resources, including ETX1, ETX2, C1, ETERECC, and NILOX02-W10. A 'Properties ETX1 (2)' dialog is open, showing details for the ETX1 resource. Below this, a 'Device log operation' dialog is open, displaying a table of logs. The table has columns for Date, Description, and User. The log entry shows a 'New HDD' operation on 25/11/2019 at 07:50:00, performed by user 'lorenzo'. Another 'Add device log operation' dialog is also visible, showing fields for Date (25/11/2019) and Description (Replace HDD).

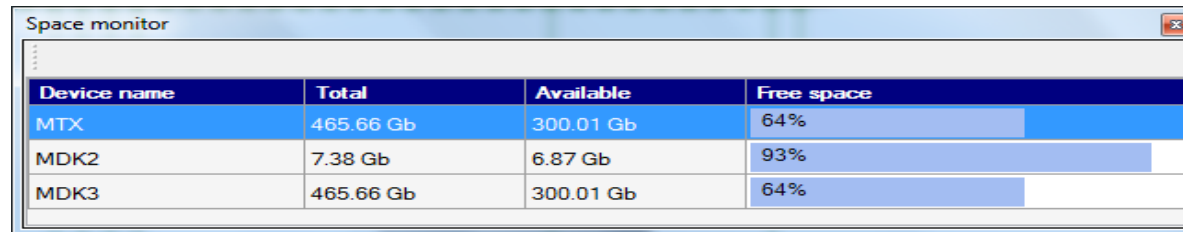
Date	Description	User
25/11/2019 07:50:00	New HDD	lorenzo

Service Manual



Space Monitor

- The space monitor controls cloud and video server
- If a space threshold is reached selected workflows are launched until space go below limit
- Thresholds and workflows configurable



The screenshot shows a window titled "Space monitor" with a table displaying storage usage for three devices: MTX, MDK2, and MDK3. The table has four columns: Device name, Total, Available, and Free space. Each row includes a horizontal bar chart representing the free space percentage.

Device name	Total	Available	Free space
MTX	465.66 Gb	300.01 Gb	64%
MDK2	7.38 Gb	6.87 Gb	93%
MDK3	465.66 Gb	300.01 Gb	64%

NDI Monitor



Etere NDI Monitor

- Ensures the volume output of NDI broadcast is always optimised
- Fast switching between NDI signals without latency
- All the features of an audio monitoring system in a software
- Monitors audio channels from multiple systems simultaneously
- Media preview for easy management



Thank You

www.eterere.com

