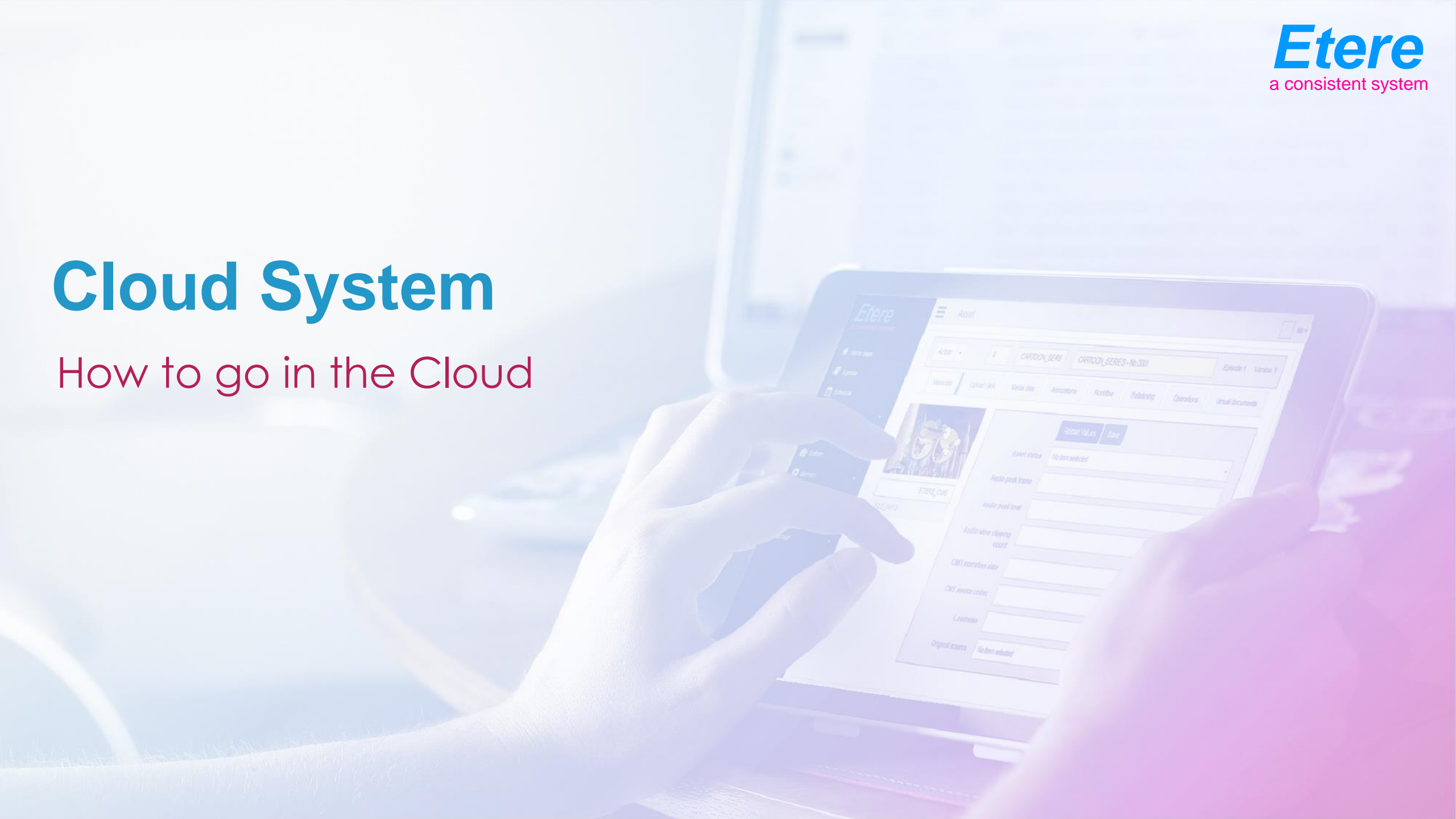


Cloud System

How to go in the Cloud



SEE THIS

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



Power is Nothing Without Control

Etere
a consistent system

LA POTENZA E' NULLA SENZA CONTROLLO.

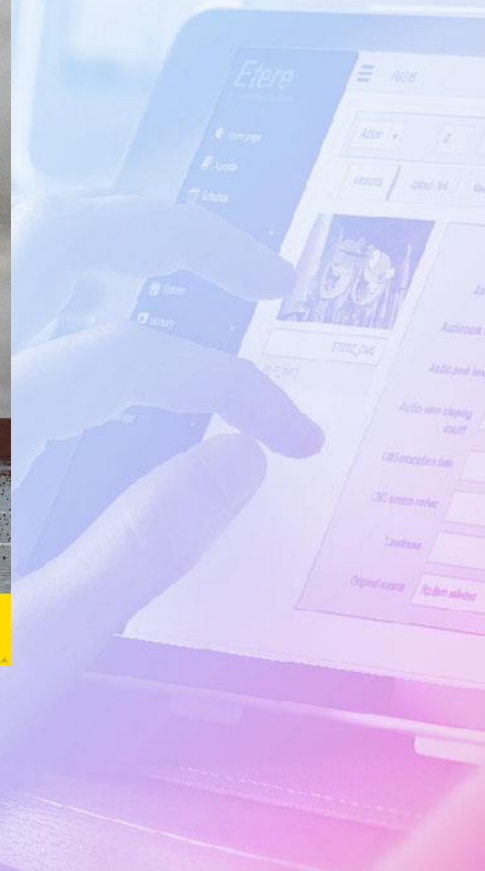
A photograph of Carl Lewis in a starting crouch on a wet track, wearing a black singlet and red high-heeled shoes. The image is part of a Pirelli advertisement. The background is a cloudy sky.

Carl Lewis gareggia per Santa Monica Truck Club

SE VUOI GUIDARE GUIDA DAVVERO.

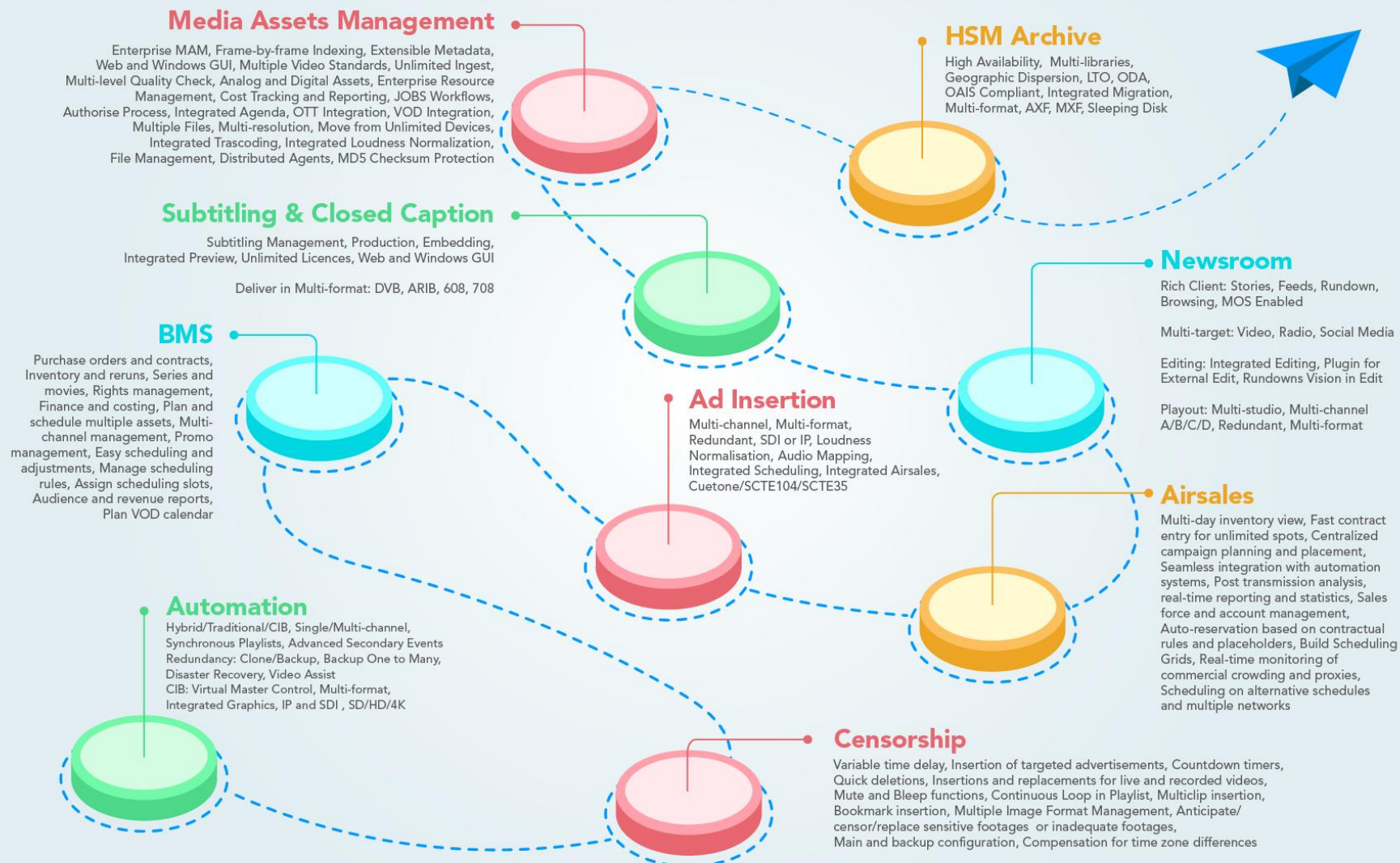
PIRELLI

Copyright © 2002 Pirelli & C. S.p.A.



The Results

- You have the fastest men
- And the best fashion shoes
- But he cannot run
- This is what will happen when you chose 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



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



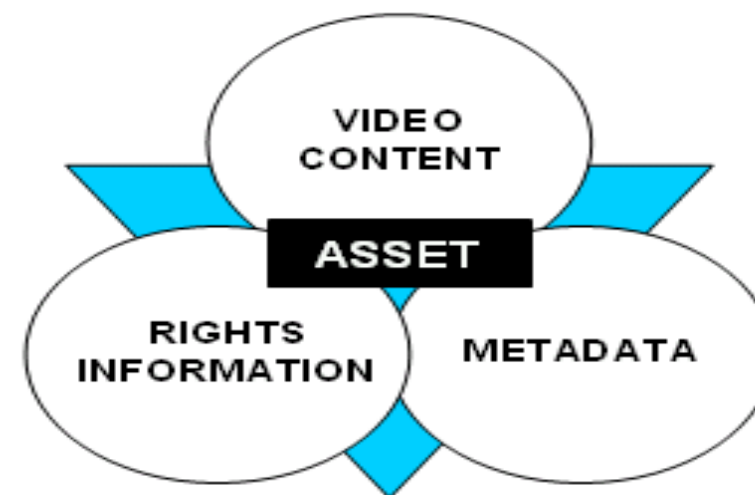
Media Asset Management

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



Media Cockpit

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

Physical end

Physical start

SOM

Scheduled Duration

EOM

Physical duration

Duration

The screenshot displays the Etere Media Cockpit 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, Minage, Scheduled Ingest, Ingest list, User messages, and Dashboard. The main area is divided into several sections. At the top, there's a header for 'Asset' with fields for ID (8836), Type (TV), Code (8836), and Title (ZOO LANDER). Below this is a sub-header 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 a table with columns: Physical Start, Physical End, Physical duration, SOM, EOM, and Duration. The table contains two rows of data. Below the table is a video player showing a scene with a man in a white suit, with the subtitle 'He joins the game'. The player has a progress bar and controls. To the right of the video player is a list of segments, each with an 'Edit' button, a 'Delete' button, and a 'Type' field. The segments are listed in a table format with columns for SOM, EOM, and DUE. The bottom of the interface has a navigation bar with buttons for Preview, Audio Tracks, Multilanguage Subtitles, Segments, and Cue sheets.

Preview

Audio Tracks

Multilanguage Subtitles

Segments

Cue sheets

Asset Metadata

Etere
a consistent system

Etere
a consistent system

Asset

Action - 8841 TV Peak BlindersS03-0004 Peak BlindersS03ND4 Episode 4 Version 1

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

Reload Form Values Save

Asset status	Valid
Audio peak frame	43
Audio peak level	54
Audio wave clipping count	4
CMS execution date	07/07/2020 00:00:00
CMS source codec	9620
Loudness	50
Original source	Ingest

Original source dropdown options:

- 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 descriptive image: CILLIAN MURPHY PEAKY BLINDERS

ETERE_CMS

CUSTOM TEST
SIAE
SIAE CINEMA
Cart Number-OTH

Asset status

Audio peak frame

Audio peak level

Audio wave clipping count

CMS execution date

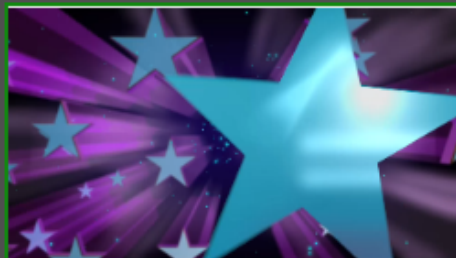
CMS source codec

Loudness

Original source

Asset descriptive image

Multiple Metadata Schemas



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 Values

Save

Audio count	2
Audio format list	PCM / PCM
Codec string	MXF
Comment	
Duration	2829440
Encoded by	Jake
File size	71303168
Format	MXF
Format version	1.2
Overall bit rate	201604
Stream size	-5
Title	
Video count	1
Video format list	MPEG Video

Audio Count

Audio format list

Codec string

Comment

Duration

Encoded by

File size

Format

Format version

Overall bit rate


Stream size

Title

Video count

Video format list

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

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	

Reload Form Values

Save

Media Data

The screenshot shows the Etere Media Data 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 details for asset '8836' (TV, ZOO LANDER, Episode 1, Version 1). The 'Media data' tab is active, displaying a list of media files. The 'Files' section shows a table with the following data:

Physical Path Name	Physical File Name	Original Path Name	Original File Name	Size	Modification time	MD5 Checksum	Deadlines
C:\demo_archive\hires\	8836.wmv		ZOO LANDER.wmv	852,40 MB	27/05/2020 10:26:50	✓	

Callouts from the left point to the 'Media Library' and 'Collection' sections, and from the 'Files' table to the 'Physical Path Name', 'Physical File Name', 'Original Path Name', 'Original File Name', 'Size', 'Modification time', 'MD5 Checksum', and 'Deadlines' fields. Callouts from the right point to the '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', and 'Deadlines' fields.

Callouts from the left:

- WMV
- H264
- HiRes
- MP4
- XDCam35

Callouts from the right:

- 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

Relationship

The screenshot displays the Etere Asset management interface. On the left, a hierarchical tree structure shows the relationship between assets:

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

Annotations on the left side of the tree structure:

- Promo** points to the 'mediainfo (8821)' node.
- Version** points to the 'Versions' sub-section.
- Assets can be managed under a hierarchical structure** points to the entire tree structure.

The main panel on the right shows the 'Asset data Self' table for the selected asset:

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

Annotations on the right side of the table:

- ID** points to the ID field.
- Code** points to the Code field.
- Title** points to the Title field.
- Type** points to the Type field.
- Episode** points to the Episode field.
- Duration** points to the Duration field.
- Scheduled duration** points to the Sched. Duration field.





- 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

	thumbnail	aspect	code	title	type	versions	Action
<input type="checkbox"/>			Peaky BlindersS03-0004	Peaky BlindersS03N04	TV	4	
<input type="checkbox"/>			Peaky BlindersS03-0003	Peaky BlindersS03N03	TV	4	
<input type="checkbox"/>			Peaky BlindersS03-0002	Peaky BlindersS03N02	TV	4	
<input type="checkbox"/>			Peaky BlindersS03-0001	Peaky Blinders S03	TV	4	

- 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

Control Multiple Files in Multiple Places

The screenshot displays the Etere Asset management interface. The left sidebar contains a navigation menu with the following 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 shows a file upload interface. The 'Upload / link' tab is selected, and the 'Upload by Ftp' option is chosen. A dropdown menu for 'Select device' is open, showing the following options: LOWRES [2] WEB LOWRES, ARCHIVE [11] ARCHIVE, IMAGES [3] IMAGES UPLOAD, and LOWRES [2] WEB LOWRES. The 'Add Files' button is visible. The file list table shows the following data:

Filename	Status	Size
RGB_EtereAconsistentSystem_transparent_color.png		27 kb

The 'Add Files' button is located below the file list. The 'Link file' button is located at the bottom of the interface.

Upload by FTP

Link files

Images

Archive

Low-res

Add files

Active Stations

Etere
a consistent system

Stations enabled

The screenshot displays the Etere web application interface. On the left is a dark sidebar with a menu containing items like '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 features a top navigation bar with fields for 'Action', '8836', 'TV', '8836', and 'ZOO LANDER', along with 'Episode 1' and 'Version 1'. 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 'Stations' tab is active, showing a section titled 'Stations Enabled' with a list of stations, each preceded by a green checkmark: MAM, ETX, NUNZIO, RADIO, RADIO LITE, and ETX2. The bottom of the interface includes a footer with 'Etereweb - Etere plc Ltd'.

Operations

Operations log

Etere
A consistent system

Asset

8672 j 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	E	
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	E	
18/04/2019	🟡	Create		0			SGDEMO7	sis			ActiveSync	E	Created asset
18/04/2019	🟡	Edit		0			SGDEMO7	sis			ActiveSync	E	Updated DU...
18/04/2019	🟡	Rec		0			SGDEMO7	sis			ActiveSync	E	Inserted Lin...
08/09/2019	🟡	Rec		0			SGDEMO7	sis			ActiveSync	E	Inserted Lin...
17/05/2020	🟡	Edit		0			HPELITDES...	alessandro...			ASSET MANAGER	E	Updated ass...
17/05/2020	🟡	Edit		0			HPELITDES...	alessandro...			ASSET MANAGER	E	Updated edi...
27/05/2020	🟡	Edit		0			SGDEMO7	sis@italy.ete...			ASSET MANAGER	E	Updated ass...
27/05/2020	🟡	Edit		0			SGDEMO7	sis@italy.ete...			ASSET MANAGER	E	Updated ass...
08/09/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER	E	Delete meta...
08/09/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER	E	Updated ass...
08/09/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER	E	Updated ass...
08/09/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER	E	Updated ass...
08/09/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER	E	Updated ass...
08/09/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER	E	Updated ass...
08/09/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER	E	Updated ass...
08/09/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER	E	Updated ass...
08/09/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER	E	Updated ass...
04/10/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER	E	Updated ass...
04/10/2019	🟡	Edit		0			SGDEMO7	sis			ASSET MANAGER	E	Updated ass...

Date Status Operation Tape Part Media Field Machine Operator Source Destination Process User Notes

Document Management

AddEditDeleteDownloadSelect allDeselect allPreview

Action

8836

TV

8836

ZOOLANDER

Episode 1

Version 1

Metadata

Upload / link

Media data

Annotations

T-Workflow

Relationship

Operations

Virtual documents

Stations

Task

Stories





Icon

Date

Description

ext

User

	icon	date	description	ext	user
<input type="checkbox"/>		07/05/2020 07:49:00	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

preview

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 'Reports' interface. On the left is a sidebar with a tree view of report 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 shows the 'Media library logs' report header, followed by a table with one row: 'DEMO Closed Captions'. Below the table are two buttons: 'Preview' (highlighted in green) and 'Download' (with a dropdown arrow). Red boxes and arrows highlight the 'Preview' and 'Download' buttons, with labels 'Preview' and 'Download' placed below them.

Reports

Media library logs

Media library logs

Asset

DEMO Closed Captions

Preview **Download**

Preview **Download**

Preview

Download

Flexible Dictionary

The screenshot shows the Etere Flexible Dictionary application. The left sidebar contains a search bar and a tree view of settings, including 'Customers Management', 'Devices Setting', 'Executive Editor', 'Ingest Section', 'Media Asset Management', 'Types Editor', and 'Web Configuration'. The central area features a 'Flexi-metadata' tab and a 'Metadata Dictionary' tree. The 'Metadata Dictionary' tree includes categories like 'IDENTIFIERS & LOCATORS', 'ADMINISTRATION', 'INTERPRETIVE', 'PARAMETRIC', 'PROCESS', 'RELATIONAL', 'SPATIO-TEMPORAL', 'USER ORGANISATION REGISTERED FOR PUBLIC USE', 'USER ORGANISATION REGISTERED FOR PRIVATE USE', and 'EXPERIMENTAL METADATA'. The 'EXPERIMENTAL METADATA' category is expanded, showing sub-items like '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'. The bottom section displays details for the 'ETERE' data element, including its definition, type, and dictionary version.

Flexi-metadata

Metadata Dictionary

Settings

Flexi-metadata

Asset metadata

AUDIOMETADATA

Commercial

File info

Interstitial (Promo)

METAFILE

Programme

RL MUSIC DATA

Video Clip

WDS Promo

METADATA DICTIONARY

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

WORLDWIDE

Data element name: ETERE

Data element definition: ETERE metadata

Type: NODE

Defining document:

Notes:

Length:

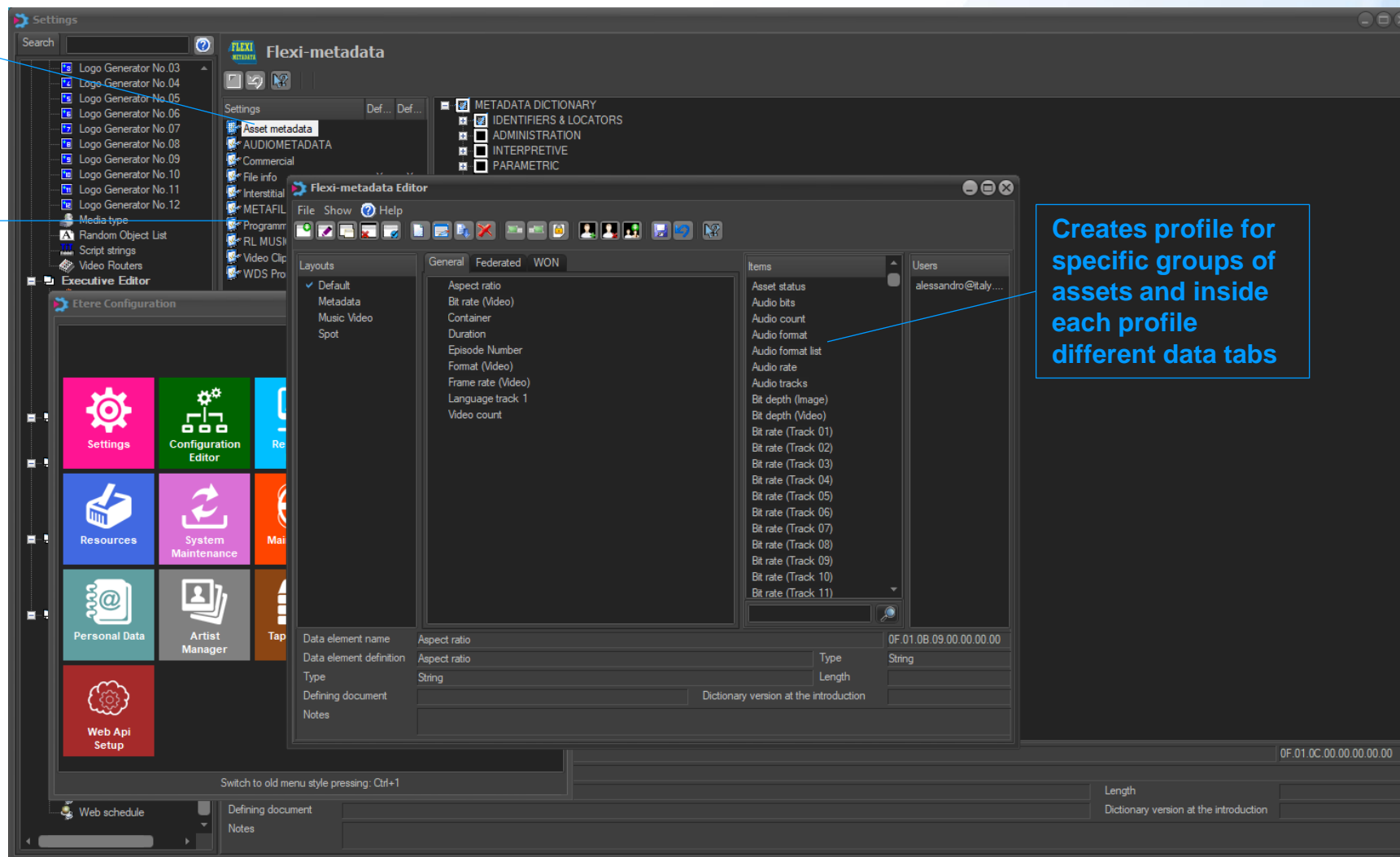
Dictionary version at the introduction:

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



[illegible]

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

Tape Information

Tape generation

Tape format

Tape barcode

Archive location

MAM, Tape Library

File Tools

Search Tape

ID 3

Code 455AAGL5

Title 455AAGL5

Description

Tape Type

Media Format LTO5

Barcode 455AAGL5

Date / / Last access 10/04/2017

Read only Unusable

Media Pool TO NOT USE

Archive Location Notes Operations

Rack Location

Archive Location etlibraryws2012\IBM 3573-TL 4 1 Slot

References

Tape Loan Management

MAM, Tape Loan

Search Loan | Loan Data | Tapes management

Search Rules:

Company: 126 ... Unrecovered Loans ☐ Unexpired Loans ☐ Start Date: 29/11/2019 ☒

Person: 12 ... Recovered Loans ☐ Expired Loans ☐ Scheduled Date: 29/11/2019 ☐

Cancelled Loans ☐ Return date: 29/11/2019 ☐

Tape Code: 328AA54 Loan Code: 2 Tape Title: Holiday Destinations-PART0003-11252019

Description: Search Loans

Company	Person	Start	Scheduled	Representative
GAZZETTA		15/11/2019		alessandro

Code	Title
459AAGL5	459AAGL5
BETA461	BETA461

16:23:56 | Loans Found : 1

Tape details

Date details

HSM Library Status

Etere
a consistent system

Media code

Framerate

Free space

Used space

Settings

Racks

ETLIBRARYWS2012\IBM 3573-TL

Lines 23 Columns 1 Free slots 17

Total space 10.29 TB Used space 74.73 GB 0%

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	CHRIS1L4	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%	

Column 1

VTRs / Drives

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%	

Racks management

Total space

Percentage

Media pool

Digital Tape Content

Tape info

Tape Info

Show Options Help

Code

ET1001L4

Title

ET1001L4

Barcode

ET1001L4

Type

LT05

Type

Data Tape

S...	Q...	C...	Code	Description	Metafile	Start	End	File Name	Size	Source Path
XXXX						4		415 varmelli.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 nkepub414400.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\
XXXX						240703		243400 169un.mov	168.20 MB	\\etlibraryws2012\HSM_CACHE\CACHE_2\
						243401		264849 414400IMX50.mxf	1.31 GB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
						264850		269186 43un.mov	270.64 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			serie01-0001	serie 1 - No.0001	43un	269187		A11C21AG	3.94 GB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			serie01-0002	serie 1 - No.0002	A11C21AG	333787		ABN_PROMO1	282.09 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			serie01-0003	serie 1 - No.0003	ABN_PROMO1	338307		ABN_PROMO2	219.31 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			serie01-0004	serie 1 - No.0004	ABN_PROMO2	341821		ABN_PROMO3	187.72 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			serie01-0005	serie 1 - No.0005	ABN_PROMO3	341822		ABN_PROMO3_HD_1080i	52.02 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			serie01-0006	serie 1 - No.0006	ABN_PROMO3_HD_1080i	344832		ACE OF BASE	403.91 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			serie01-0007	serie 1 - No.0007	ACE OF BASE	345671		ARCLPLB	2.14 GB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			serie01-0008	serie 1 - No.0008	ARCLPLB	352140		BRAVE	1,000.69 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			serie01-0009	serie 1 - No.0009	BRAVE	387181		BRAVE_SD	85.44 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			serie01-0010	serie 1 - No.0010	BRAVE_SD	403198		C0002	120.19 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			52395		C0002	404572		C0003	100.45 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			HAKA		C0003	406502		C0005	82.72 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			C0005		C0005	408116		C0006	57.95 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			C0006		C0006	409446		C0007	249.14 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			101275		C0007	410380		CACCIA	158.06 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			105052		CACCIA	414373		chrismae	20.01 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			247		chrismae	416908		CS01	127.75 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			51TAP		CS01	417235		CS02	376.07 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			CS02		CS02	419285		CS03	407.79 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			CS03		CS03	425309		CS04	1.51 GB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			CS04		CS04	431840		ANALYZETHIS	1.22 GB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
L			ANALYZETHIS		ANALYZETHIS	456633		476551	19.87 MB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
XXXX						476551		476875 DoNotDeleteMe.mxf	2.11 GB	\\etvideostorage\ETEREMET_STORAGE\ARCHIV...
						476875		511394 DoNotDeleteMe.mxf	64.87 MB	\\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...

Status

Quality

Codec

Code

Description

Metafile

Start

End

File Name

Size

Source Path

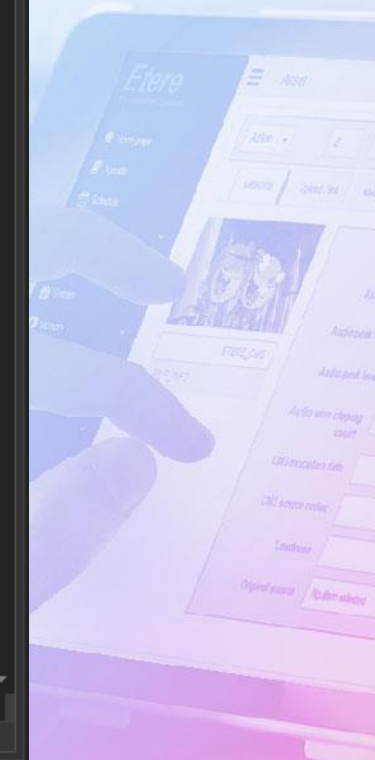
Racks Management

Container Management

File Configuration ?

MAM

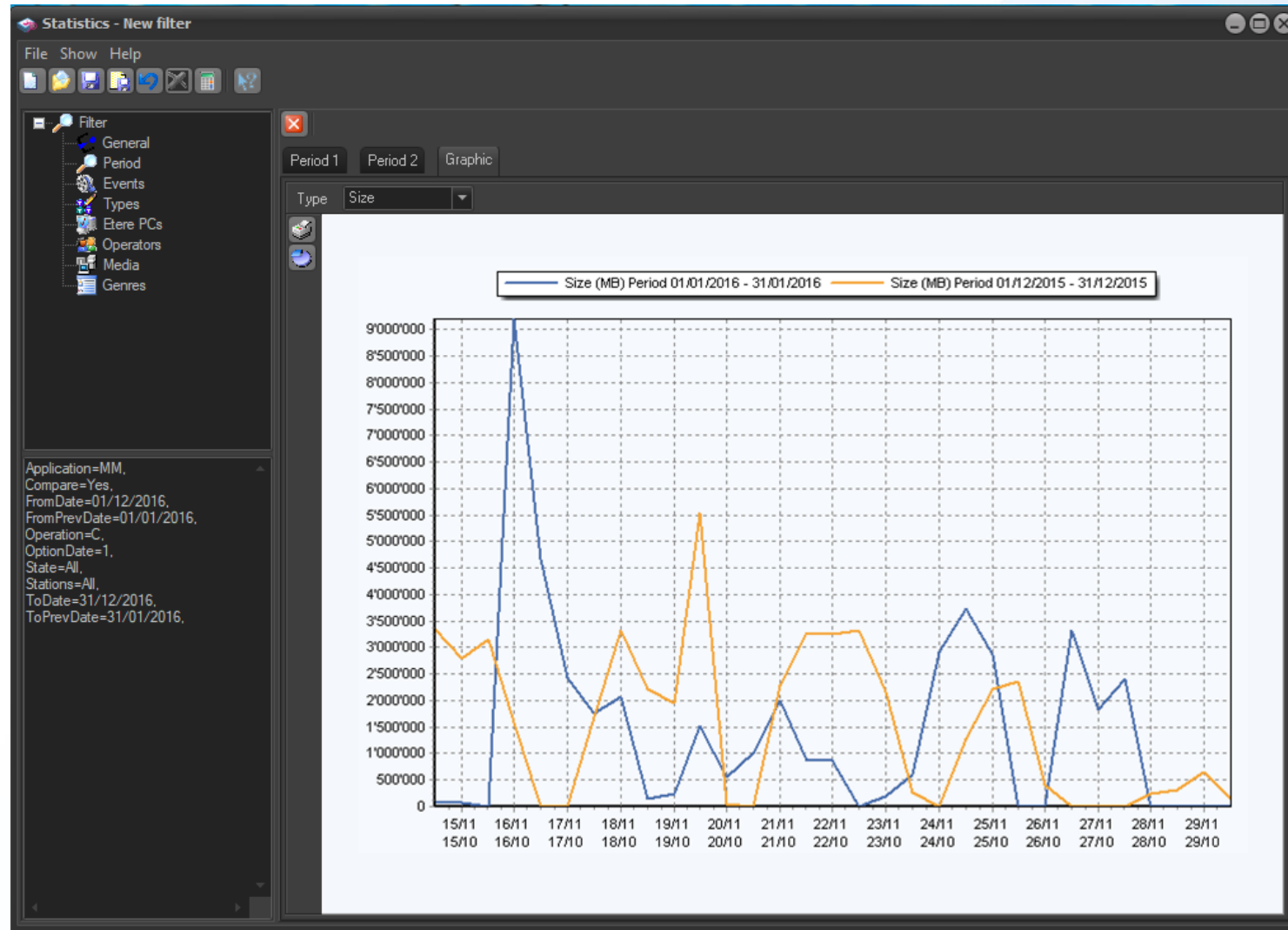
Racks	Rack Room #1									
	1	2	3	4	5	6	7	8	9	10
EMANUELEB8\Etere DiskLibra										
ETLIBRARYWS2008\IBM 357										
rows: 23										
columns: 1										
ETLIBRARYWS2008\IBM UL	1	Type: LTO Tapes [1/1] BETA461 - BETA4	Type: LTO Tapes [1/1] BETA465 - BETA4	Type: LTO Tapes [1/1] MET000000000000	Type: 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]
ETLIBRARYWS2012\Etere Di	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]
ETLIBRARYWS2012\IBM 357	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]
ETLIBRARYWS2012\IBM UL	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]
LTO offline rack	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]
Rack Room #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]
rows: 15	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]
columns: 15	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]
	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]



Racks list

Position
inside
racks

From Log to Statistics



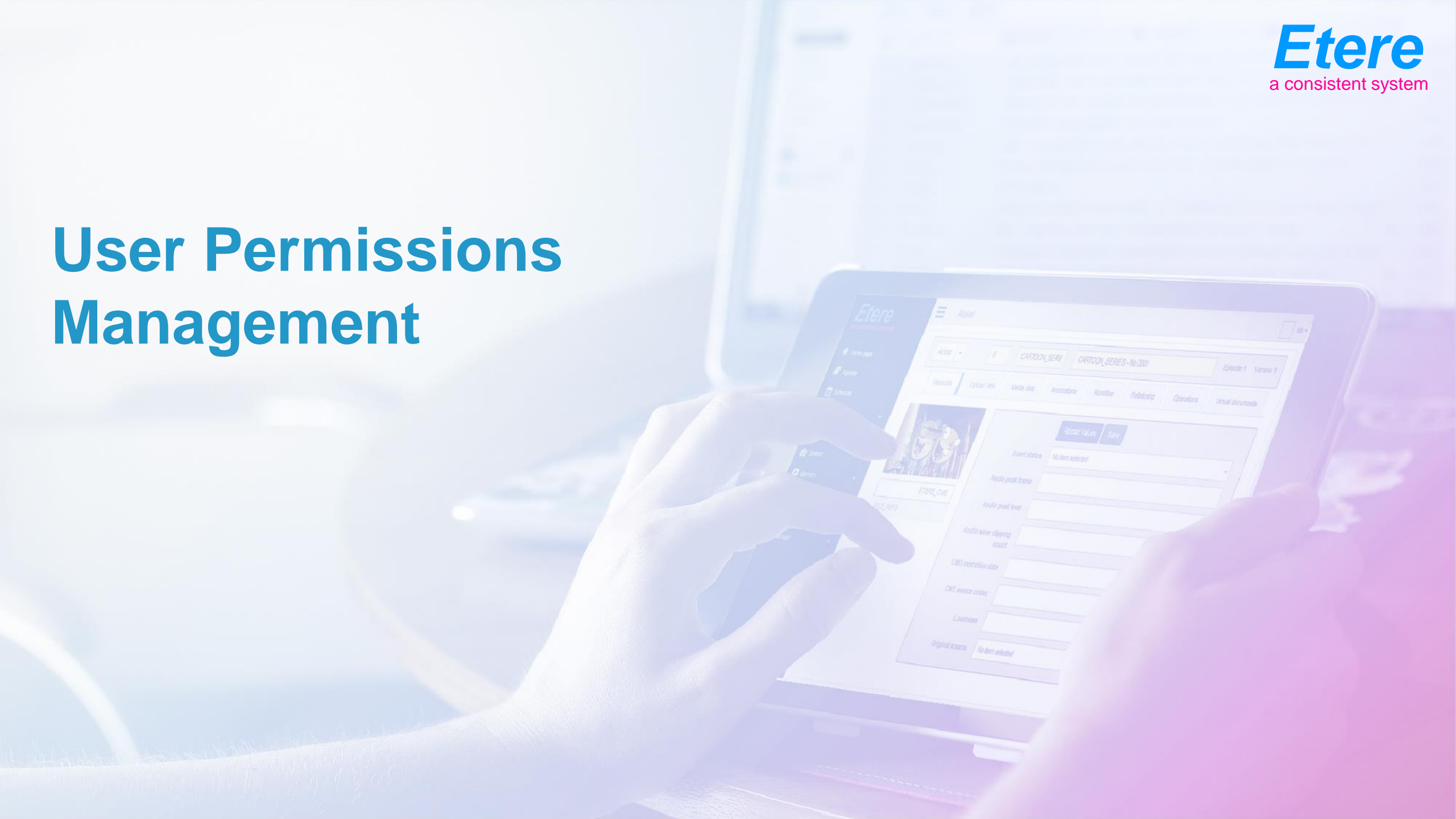
Statistic Users

The screenshot displays the 'Statistics - New filter' window in the Etere application. The window is divided into several sections:

- Filter Sidebar:** Located on the left, it contains a tree view with categories: General, Period, Events, Types, Etere PCs, Operators (highlighted with a blue arrow), Media, and Genres.
- User List:** A table on the right side of the window listing users with checkboxes. The users listed are: 1021, Anonymous, fabio, fabio@italy.etere.com, fabio_admin, luca, luca@italy.etere.com, sa, sis, sis@italy.etere.com, and Suhaizad@italy.etere.com.
- Filter Settings:** A section at the bottom left of the window showing various filter criteria, including Application=RE, FromDate=01/09/2019, Genre=10, Genre=11, Genre=12, Genre=13, Genre=14, Genre=15, Genre=16, Genre=17, Genre=18, Genre=2, Genre=3, Genre=4, Genre=5, Genre=6, Genre=7, Genre=8, Genre=9, Genre=RISE, Operation=S, OptionDate=1, State=All, Stations=All, ToDate=20/10/2019, and Type=COM.

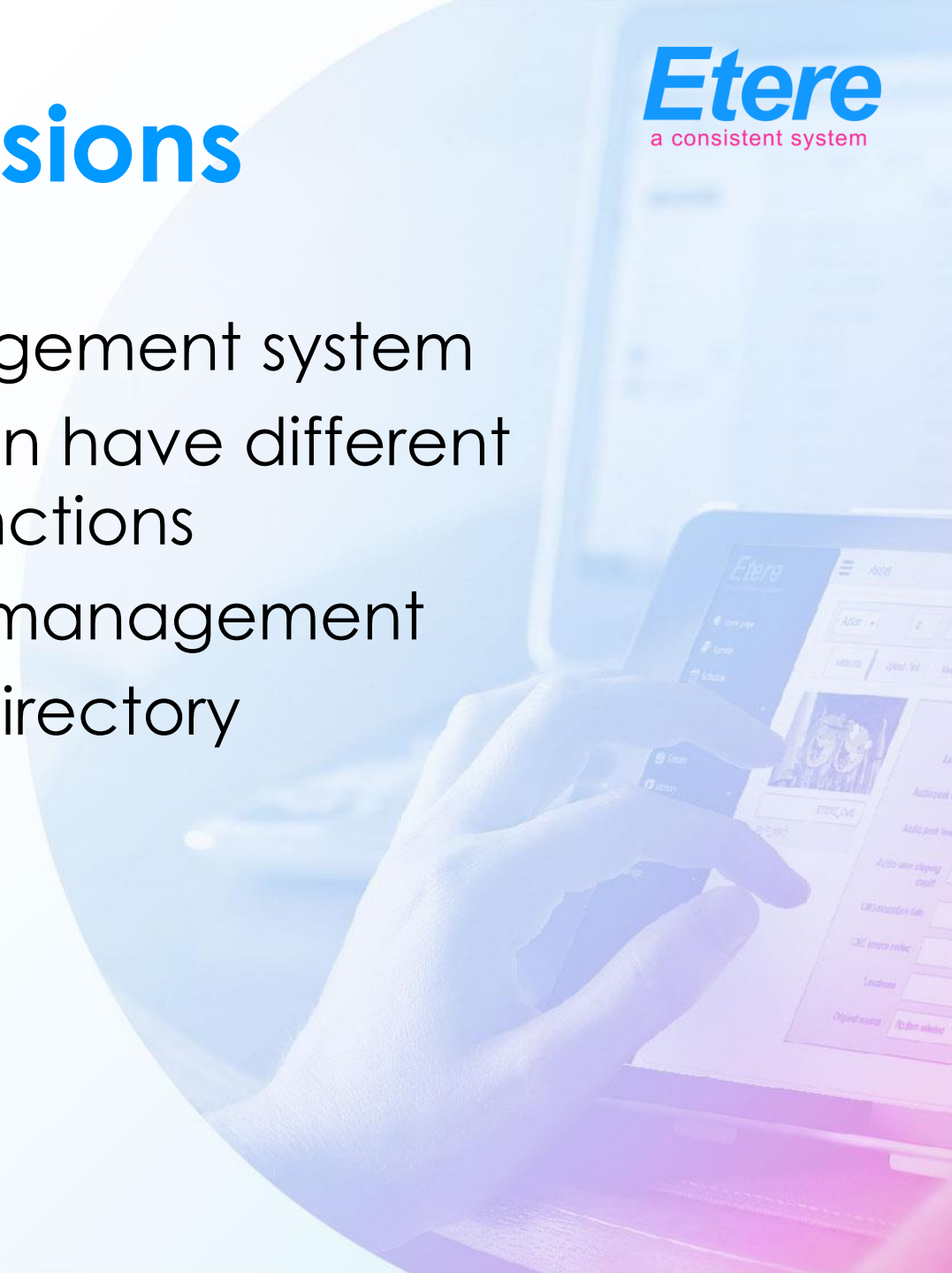
A blue arrow points from the 'Operators' category in the filter sidebar to the user list, indicating that the statistics are filtered by operators.

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: NUNZIO.

Groups: Administrators, ETEREWEB, Everyone.

Groups:

- ☒ Administrators
- ☒ ETEREWEB
- ☒ Everyone
- ☒ Federate
- ☒ Italy etere.com\sgy

Stations:

- ☒ MAM
- ☒ ETX
- ☒ NUNZIO
- ☒ RADIO
- ☒ RADIO LITE
- ☒ ETX2

Rights on station:

- System Admin
- System Admin
- System Admin
- System Admin
- System Admin

Permissions:

- User
- Content
- Codes
- Coding Areas
- Collection
- Commercial Coding
- Configuration Parameters
- Desktop
- Email Server
- Emergency
- EPG data
- Etere Installation
- Etere PCs
- Etere Skin
- F90
- Files
- File metadata
- Genres
- Groups
- Historical
- Holidays
- Icons
- Important metadata
- Input
- Invoice Description
- Invoking
- Jobs
- Keywords
- Keys
- Language T-Workflows
- Languages
- Logo Generator No. 01
- Logo Generator No. 02
- Logo Generator No. 03
- Logo Generator No. 04
- Logo Generator No. 05
- Logo Generator No. 06
- Logo Generator No. 07
- Logo Generator No. 08
- Logo Generator No. 09
- Logo Generator No. 10
- Logo Generator No. 11
- Logo Generator No. 12
- Main Secondary Events
- MAM Parameters
- Media Folder

Rights Reverse View:

- MAM
- ETEREWEB
- Everyone
- Federate
- Italy etere.com\sgy
- NUNZIO
- ETEREWEB
- Everyone
- Federate
- Italy etere.com\sgy
- RADIO
- ETEREWEB
- Everyone
- Federate
- Italy etere.com\sgy
- RADIO LITE
- ETEREWEB
- Everyone
- Federate
- Italy etere.com\sgy
- ETX2
- ETEREWEB
- Everyone
- Federate
- Italy etere.com\sgy

Login: paolod@italy.etere.com

Supervisor

User Rights Display

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\SAE

✓ 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\MUMA

Workflow instance rights

Workflow action rights

User rights

Web rights

Workflow instance rights

Workflow action rights

User Rights

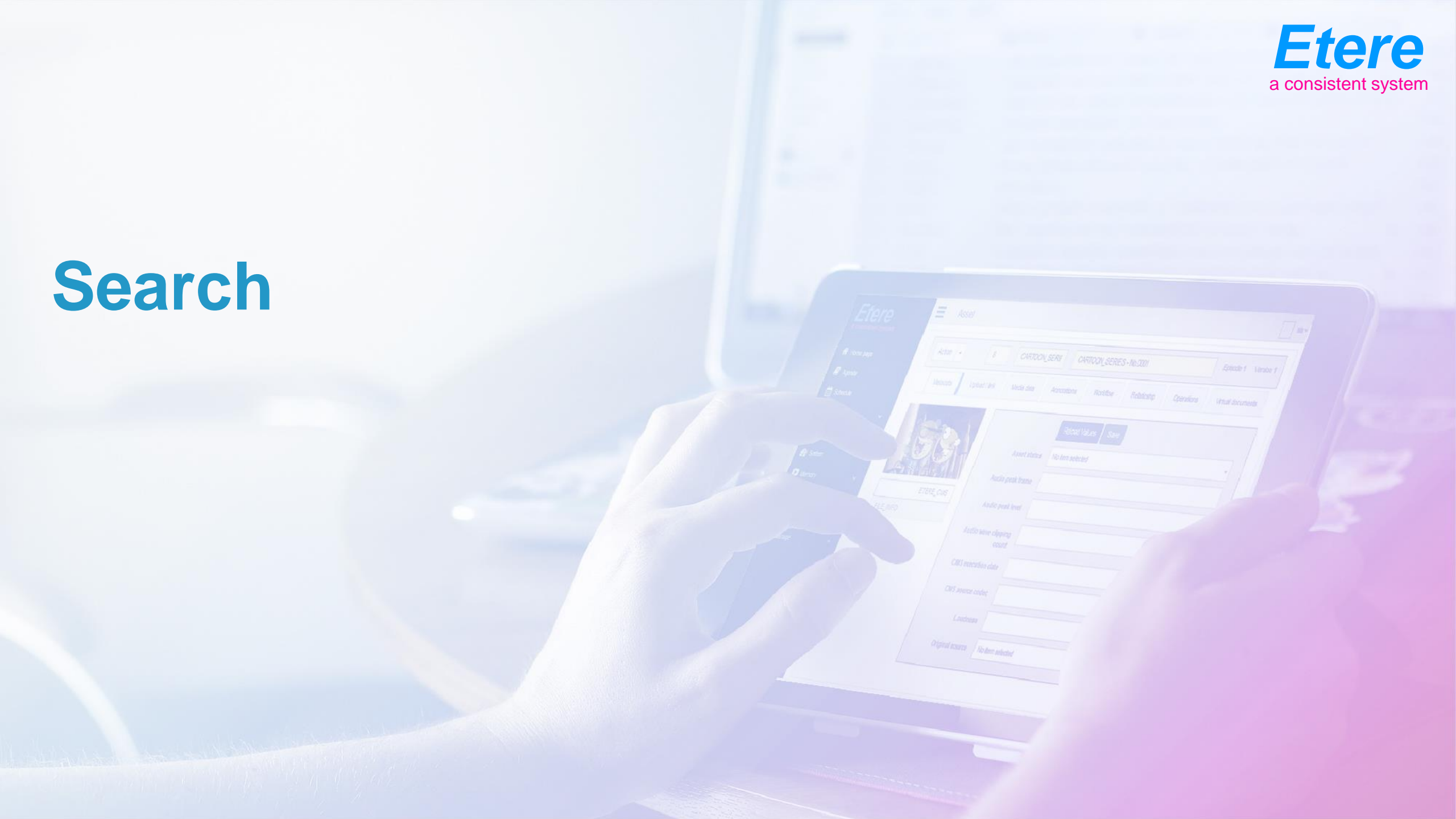
Workflow instance rights

- ✓ # Transcode to H264
- ✓ AFTER WEB TAPELESS
- ✓ ARCHIVE AND QC
- ✓ CMS ON ETX1
- ✓ DELETE ASSET
- ✓ FILE ACQUISITION V3
- ✓ HSM ARCHIVE VIDEO FROM ORIGINAL
- ✓ MEDIAINFO ON CM
- ✓ NEW WF
- ✓ PART TRANS7
- ✓ RES-TRANS7
- ✓ SC PARTIAL RETRIVE
- ✓ XCODE- H264
- ✓ # Delete Archive
- ✓ 2 AV LIBRARY ACQUISITION V3
- ✓ AFTER WEB UPLOAD
- ✓ BATON QC2
- ✓ CONFORM VERSION
- ✓ EDL SEGMENT AND PARTIAL RETRIVE
- ✓ FILEDELETE ON FOR HSM
- ✓ ICONS REGENERATION
- ✓ MEDIAINFO ON Proxy
- ✓ NEWS STORY APPROVAL
- ✓ PARTIAL RETRIEVE
- ✓ REVIEW FILES
- ✓ SC START
- ✓ XCODE HIRES MPEG2
- ✓ # Delete LowRes
- ✓ ADVANCED QC ON HIRES
- ✓ AGENDA
- ✓ CMS
- ✓ CONFORMING MXF - H264
- ✓ ETX COPY
- ✓ HSM ARCHIVE
- ✓ LIBRARY QC BATON PROCESS
- ✓ Mediainfo for memory
- ✓ NOT TO BROADCAST
- ✓ RECORDING TASK
- ✓ SC CONFORMING MXF - H264
- ✓ SC TRANSCOING
- ✓ XCODE SD

Workflow action rights

- ✓ A & S Xcode h264
- ✓ A&S DELETE HSM_CACHE VIDEO
- ✓ A&S IO QC Mandatory Foxtel Completed PROCESS
- ✓ A&S IO QC Rejected PROCESS
- ✓ A&S LIBACQ CANCEL SEND TO LIBRARY
- ✓ A&S LIBACQ DELETE ALL DELETE ORIGINAL
- ✓ A&S LIBACQ EDIT SRC TO ONLINE WIP
- ✓ A&S LIBACQ LIBRARY HSM MAIN AND BACKUP
- ✓ A&S LIBACQ NEARLINE LIBRARY EXPIRY PROCESS
- ✓ A&S LIBACQ QC FAIL
- ✓ A&S LIBACQ QC STAGING
- ✓ A&S SET NON COMPLETE TYPE PROCESS
- ✓ A&S CLIENT to ADVISE PROCESS
- ✓ A&S DELETE ON ORIGINAL
- ✓ A&S IO QC Mandatory Metadata PROCESS
- ✓ A&S IO QC Staging PROCESS
- ✓ A&S LIBACQ CONFORM UPLOAD
- ✓ A&S LIBACQ DELETE ALL EXPIRE ORIGINAL
- ✓ A&S LIBACQ LIBRARY CST STAGING
- ✓ A&S LIBACQ LIBRARY PREQUAL STAGING
- ✓ A&S LIBACQ ONLINE EXPIRY PROCESS
- ✓ A&S LIBACQ QC FULL PASS
- ✓ A&S LIBRARY and QC BATON PROCESS
- ✓ A&S Update ScheduAll to CTA PROCESS
- ✓ A&S CST ON HOLD to IO QC PROCESS
- ✓ A&S EXPIRE COMPLETED ORIGINAL PROCESS
- ✓ A&S IO QC PATCH Acquisition to Original PROCESS
- ✓ A&S LAUNCH DELIVERY WORKFLOWS PROCESS
- ✓ A&S LIBACQ COPY TO NEARLINE LIBRARY
- ✓ A&S LIBACQ EDIT SRC EXPIRY PROCESS
- ✓ A&S LIBACQ LIBRARY EDIT STAGING
- ✓ A&S LIBACQ LIBRARY READY
- ✓ A&S LIBACQ PROXY CHECK
- ✓ A&S LIBACQ QC SPOT PASS
- ✓ A&S POST File Acquisition PROCESS
- ✓ A&S Update ScheduAll to SOURCE AVAILABLE PROCESS
- ✓ A&S WORK ORDER LAUNCHER
- ✓ add watermark
- ✓ approve
- ✓ Archive to HSM
- ✓ Asset Schedule Check
- ✓ Audio Track no. 03
- ✓ Audio Track no. 06
- ✓ Audio Track no. 09
- ✓ Audio Track no. 12
- ✓ Audio Track no. 15
- ✓ AVID MASTERCLIP
- ✓ AWS S3 on AWS5
- ✓ Baton QC2 WIP Audio Spanish TX
- ✓ Baton QC2 WIP IMX50 PAL TX + R128
- ✓ Block
- ✓ Can be broadcasted
- ✓ Abort EXPIRE COMPLETED ORIGINAL PROCESS
- ✓ ALEPH
- ✓ APPROVE
- ✓ Archive to HSM from FOR HSM
- ✓ Audio Track no. 01
- ✓ Audio Track no. 04
- ✓ Audio Track no. 07
- ✓ Audio Track no. 10
- ✓ Audio Track no. 13
- ✓ Audio Track no. 16
- ✓ Avid Project Archive on HIRES
- ✓ Baton QC check on CM
- ✓ Baton QC2 WIP IMX30 PAL TX
- ✓ Baton QC2 WIP XDCAMHD@25 PAL TX
- ✓ Bundle Asset
- ✓ Can delete asset
- ✓ Acquire Asset Files Lock
- ✓ Alert MTS MADRID
- ✓ APPROVED
- ✓ Aspect ratio check
- ✓ Audio Track no. 02
- ✓ Audio Track no. 05
- ✓ Audio Track no. 08
- ✓ Audio Track no. 11
- ✓ Audio Track no. 14
- ✓ Autonomous Parts
- ✓ AVID SEQUENCE
- ✓ Baton QC on Online Baton WIP
- ✓ Baton QC2 WIP IMX50 PAL TX
- ✓ Baton QC2 WIP XDCAMHD@25 PAL TX + R128
- ✓ Burn CC
- ✓ Chain

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
			PeakysBlindersS03-0004	PeakysBlindersS03N04	TV	1
			PeakysBlindersS03-0003	PeakysBlindersS03N03	TV	1
			PeakysBlindersS03-0002	PeakysBlindersS03N02	TV	1
			PeakysBlindersS03-0001	PeakysBlinders 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

Hunzio

Reports

Manage

Scheduled Ingest

Ingest list

User messages

Advanced search

General

Code

8838

Title

Peaky

Types

ETX GRAPHICS x Series x

Version

2

Duration

26:55:52.53

12:42:69.33

ID

8632

Search

Etereweb - Etere plc Ltd

Save/Export Favourites

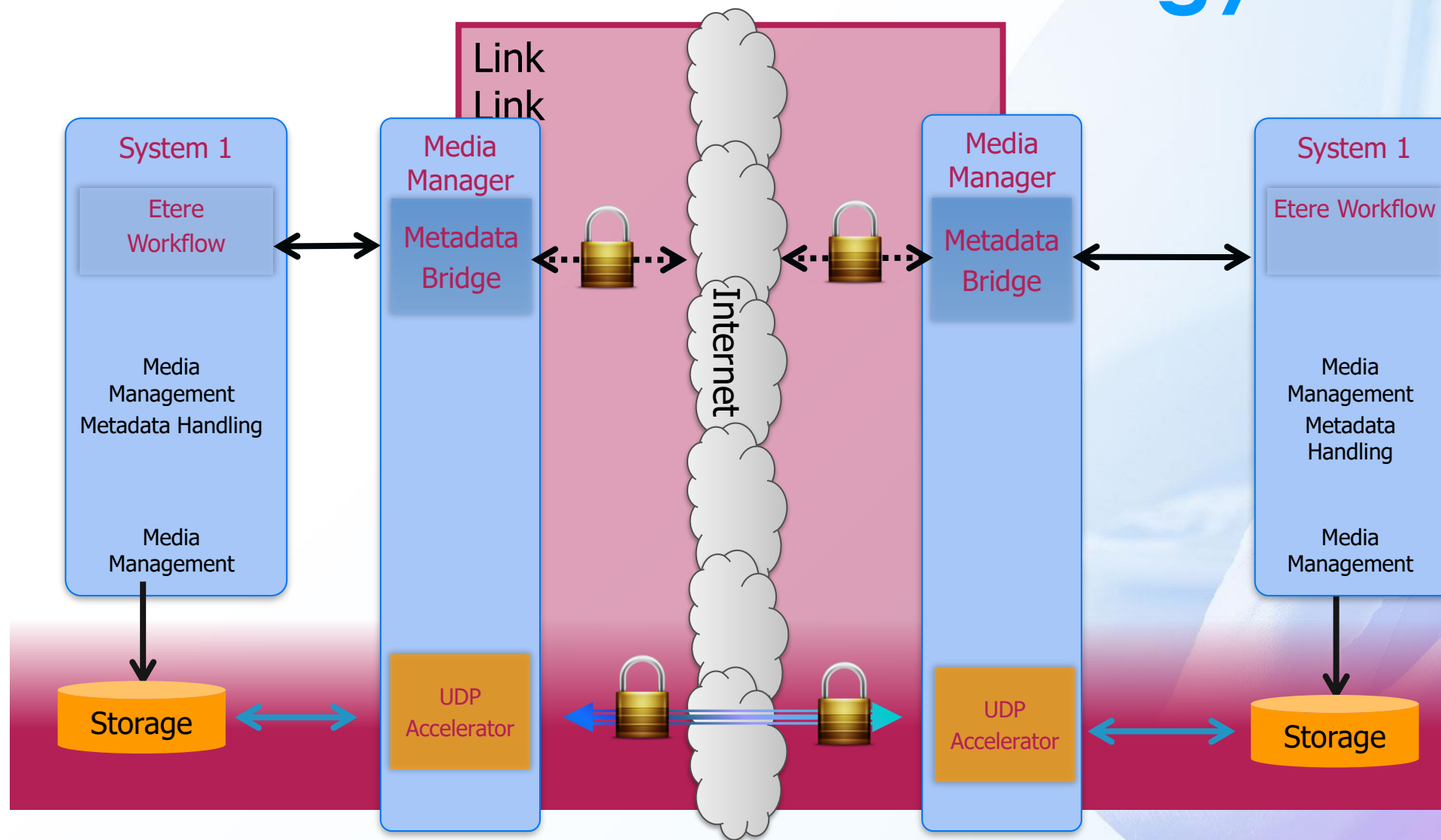
Windows interface titled "Favorites" with a search bar and a table of assets.

Buttons: Action, LAST_EDIT_ASSETS, Last edited assets

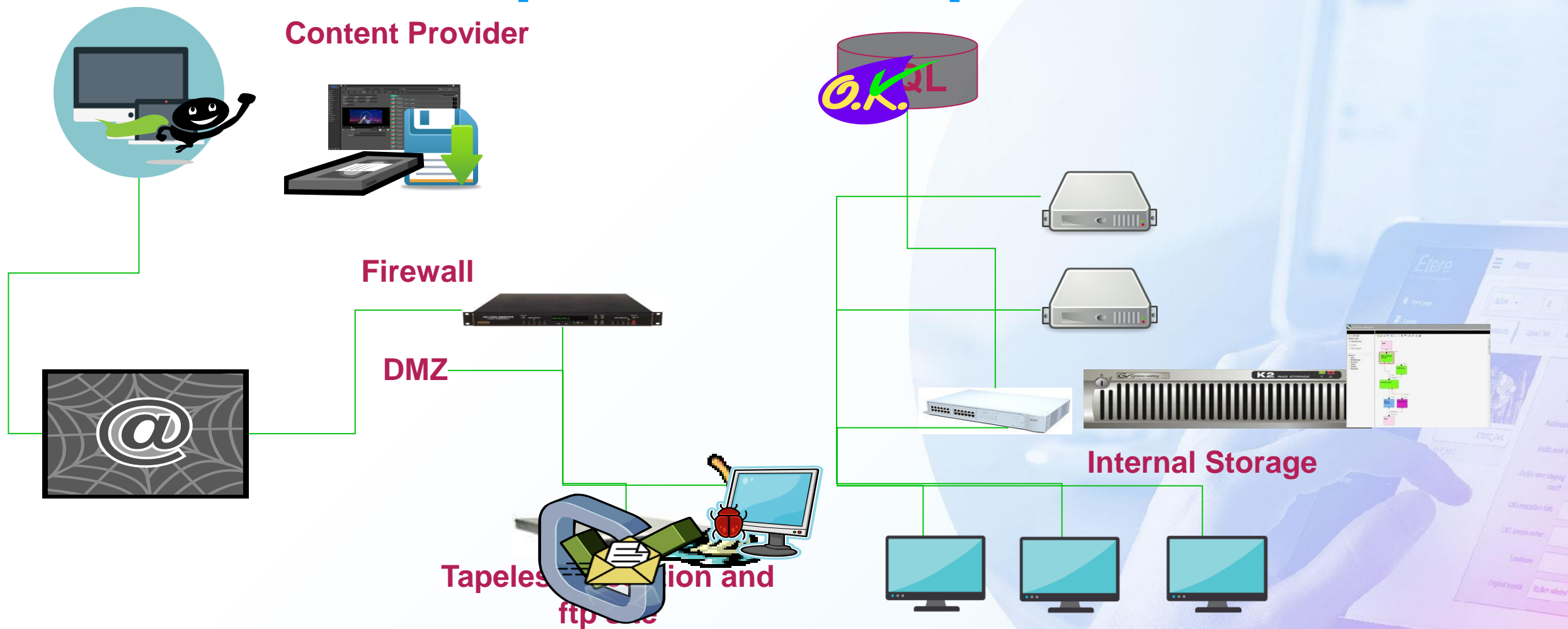
Assets	Thumbnail	Aspect	Code	Title	Type	Versions	Action
			8843	FastFurious 8 AUDIO	FILM	1	
			8836	ZOOLANDER	TV	1	
			8835	Bubble Guppies 8CH Audio	TV	1	
			8824	Apocalypse Now	FILM	1	

- 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

Linked sites technology



Tapeless Reception



T-Workflow

You can design Etere as you wish

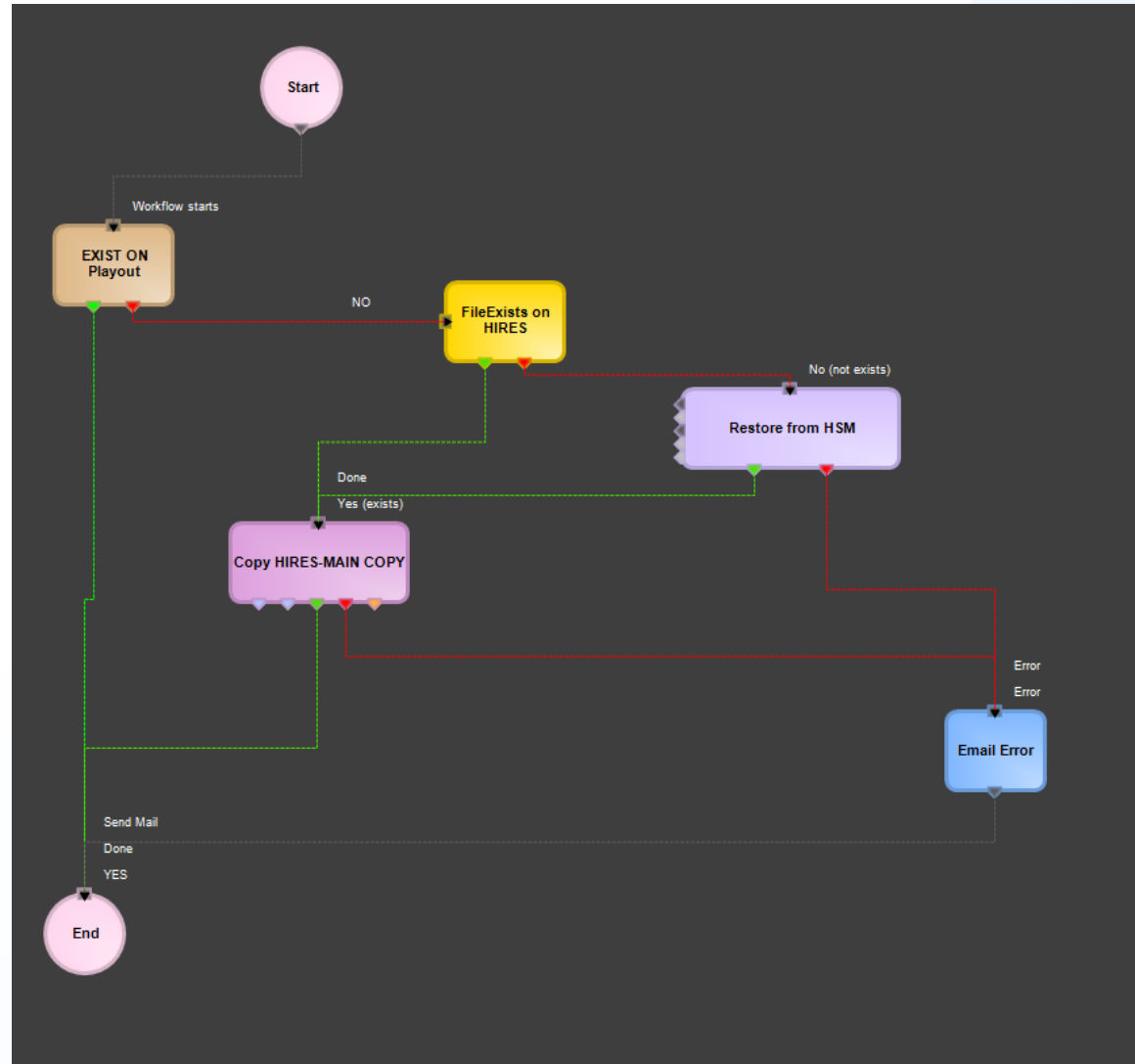


Etere T-Workflow

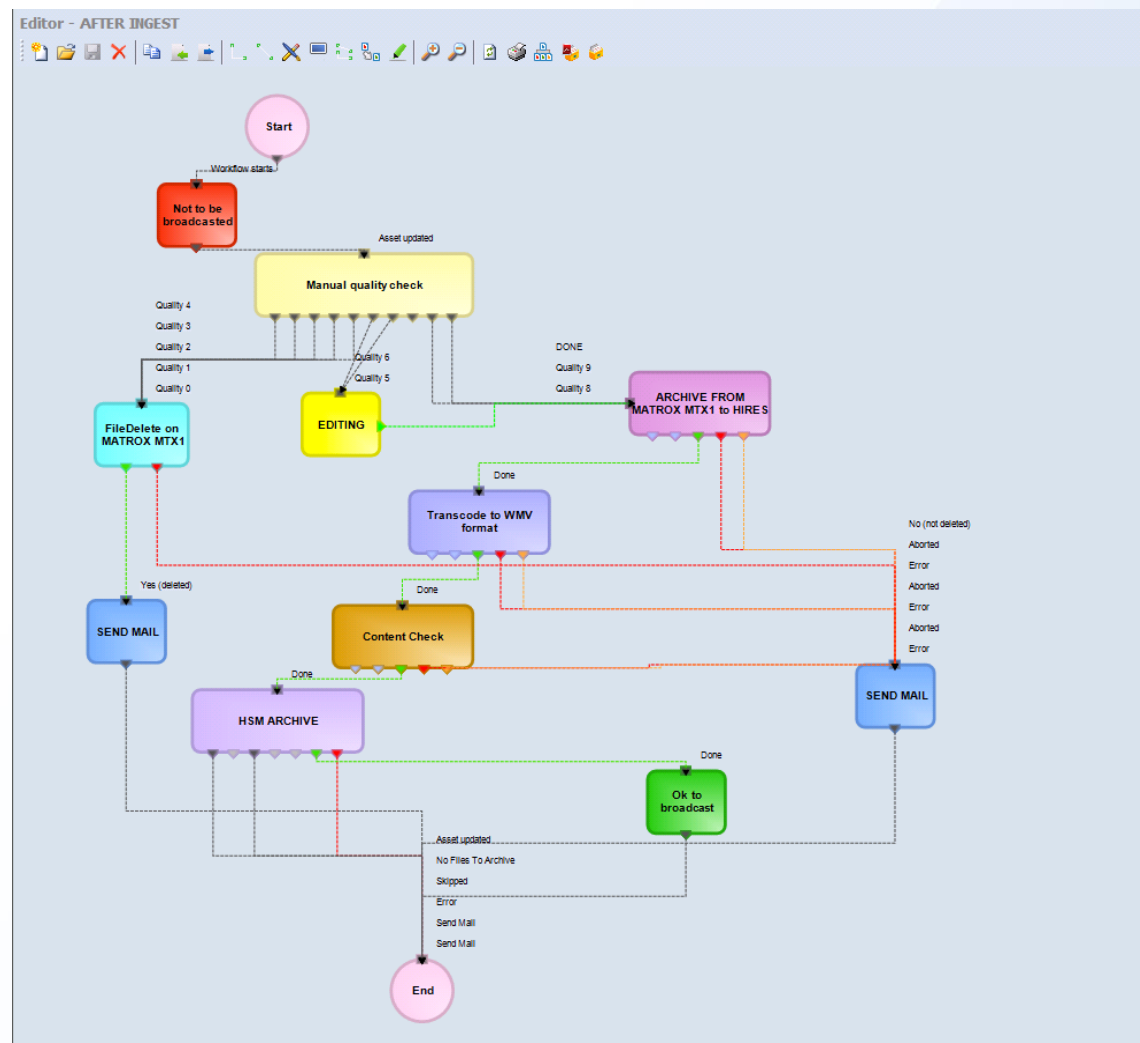
- Etere approach is unique
- It combines the IT based workflow technologies with the management of video content
- Etere T-Workflow can be fully customer designed
- It uses all the Etere technologies for redundancy and load balancing
- Easy to use easy to control



Restore / Playout Workflow

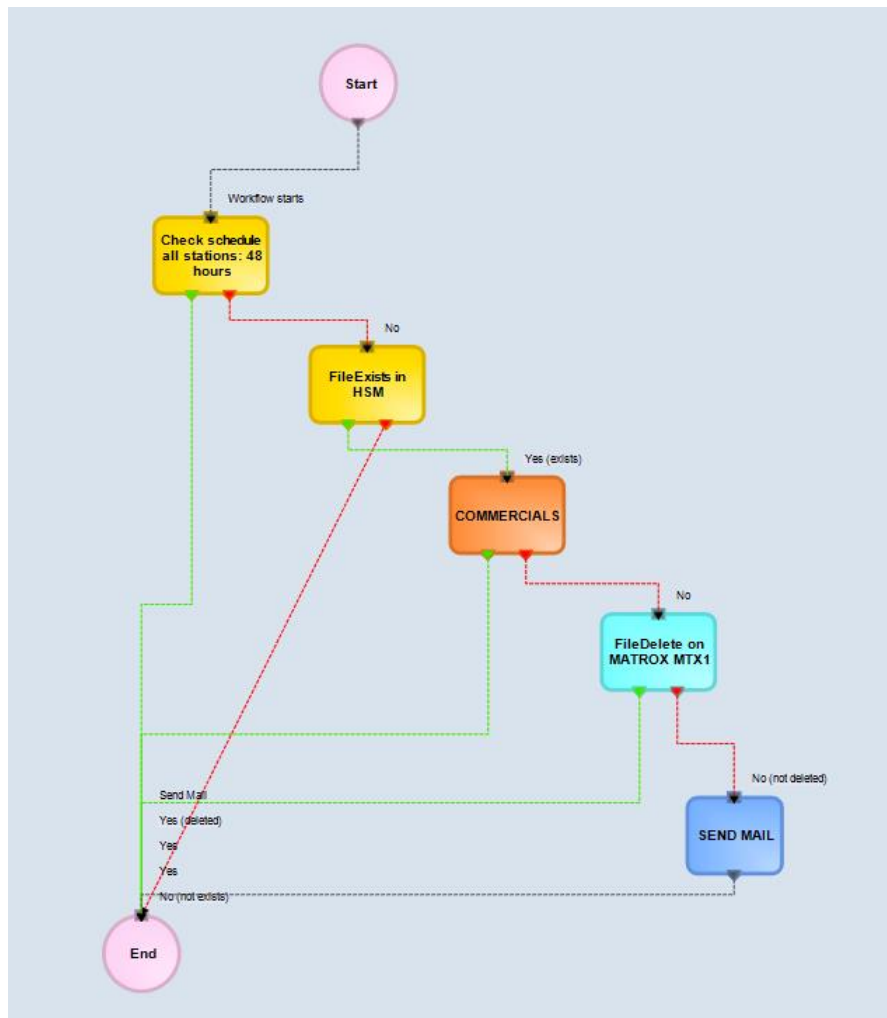


TV Workflow



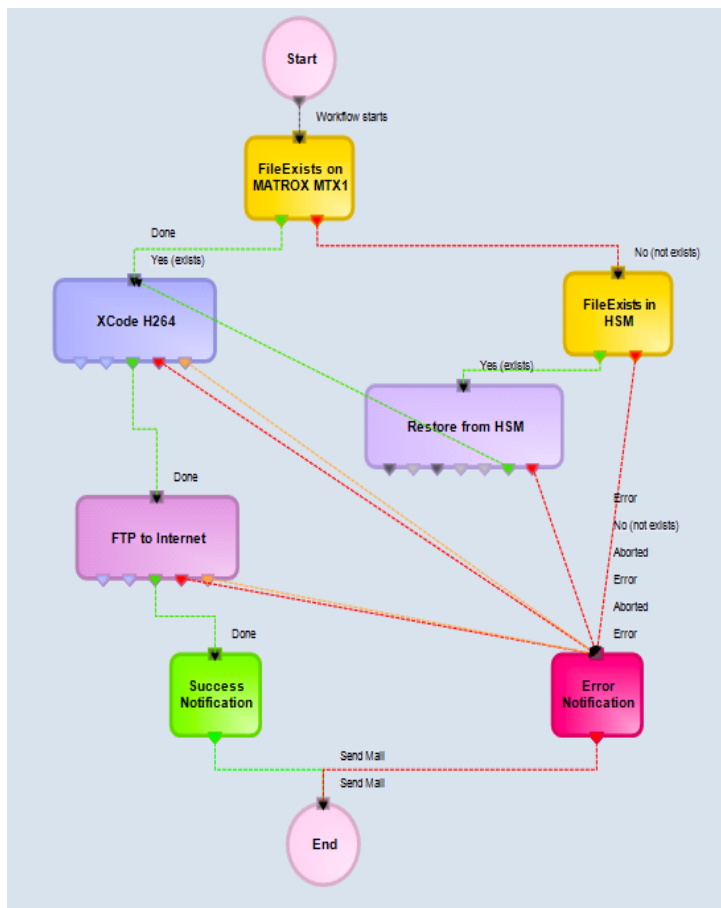
Free On-air Server

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 top navigation bar with tabs: Metadata, Upload / link, Import images, Media data, Show images, Annotations, T-Workflow (selected), Relationship, Operations, Virtual documents, Stations, Task, and Stories. Below the tabs, there are input fields for '8822', 'COM', '8822', and 'WINE', along with 'Episode 1' and 'Version 1'. The 'T-Workflow' tab is active, showing a workflow named 'ADVANCED QC ON HIRES' with a status of 'Workflow active'. Below this, there are buttons for 'Attach', 'Attach and Start', and a green 'Start' button. A 'Log' section at the bottom shows a table of actions.

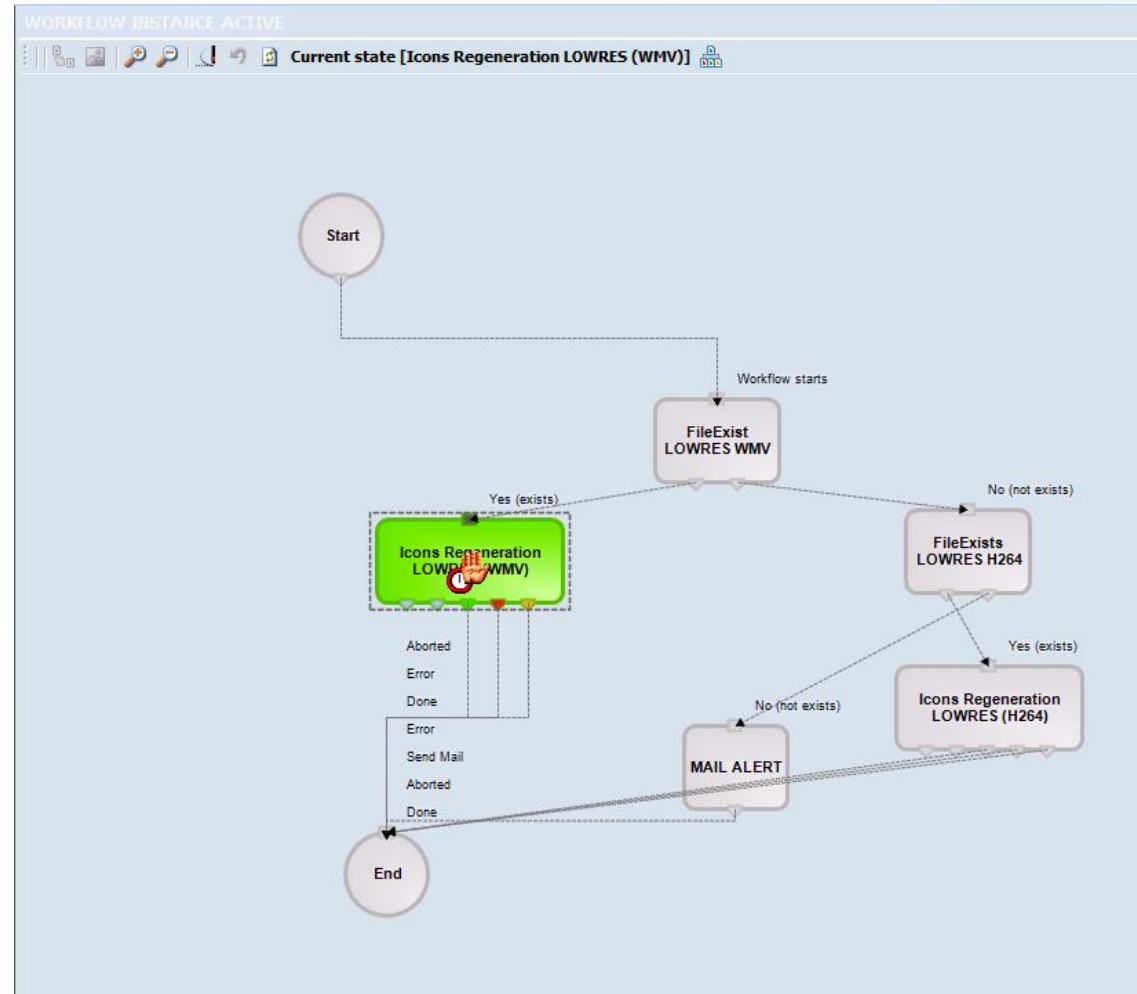
Workflow Status

Log

date	action	category	status	result	message	worker login name	user
16/07/2020 17:18:55	Set CM on etr1	Asset	Workflow active	0	Parameter: Metafield Value: 4625		

Etereweb - Etere pte ltd

Visual Status Check



Easy to Use and Check

- A powerful tool such as T-Workflow must be easy to use and easy to check
- If you wish to know all assets running a workflow and /or their status?
- Simply perform a search in extended search tool
- Any combination is available as well as a graphic preview of the workflow itself
- Who is in charge of content check can list all the assets he needs to control from the standard asset form search

Search by Workflow

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 TechnicalData Flexi-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]	4K	1	00:01:13.08	
1213	1213	test227986_easy ingest	4K	1	00:00:30.01	
1214	1214	test227986_easy ingest 1	4K	1	00:01:00.01	
1215	1215	test227986_multif ingest	4K	1	00:00:45.01	
1216	1216	test227986_multif ingest 1	4K	1	00:00:30.01	
1217	1217	test227986_sched ingest	4K	1	00:01:00.00	
1228	1228	test231411_CEA608	4K	1	00:02:05.03	
1229	1229	test231411_CEA708	4K	1	00:00:20.04	
1233	1233	banilamp15b	4K	1	00:00:15.00	
1236	1236	test external mover exe	4K	1	00:00:05.00	
1240	1240	test241873_Loudness -35/-15	4K	1	00:00:28.10	
1242	1242	TestConforming	4K	1	00:01:20.17	
1243	1243	Head asset_1	4K	1	00:49:32.02	
125	125	4K-Italy1	4K	1	00:04:00.07	
1260	1260	Test segments_241680	4K	1	00:43:53.08	
13	13	Spot 1	4K	1	00:00:15.00	
1322	1322	20	4K	1	00:27:00.15	
1323	1323	a b c d e f	4K	1	00:01:06.02	
1324	1324	1323	4K	1	00:01:06.02	
1325	1325	COM - Spot Segafredo	4K	1	00:00:30.00	
1334	1334	live_th	4K	1	00:00:00.01	
1343	1343	TEST UPLOAD WEB	4K	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

T-workflow

Status

Action

Executed by

Start date

Last updated date

Search also expired assets

Launch a Workflow

T-workflow

Asset

Action

8822

COM

8822

WINE

Episode 1

Version 1

Metadata

Upload / link

Import images

Media data

Show images

Annotations

T-Workflow

Relationship

Operations

Virtual documents

Stations

Task

Stories

ADVANCED QC ON HIRES

Attach

Attach and Start

XCORE- H264

ADVANCED QC ON HIRES

SC TRANSCODING

XCORE- H264

Status: Workflow active

Action: XCode CM in H264 on LOWRES

Progress

Start

Restart

Abort

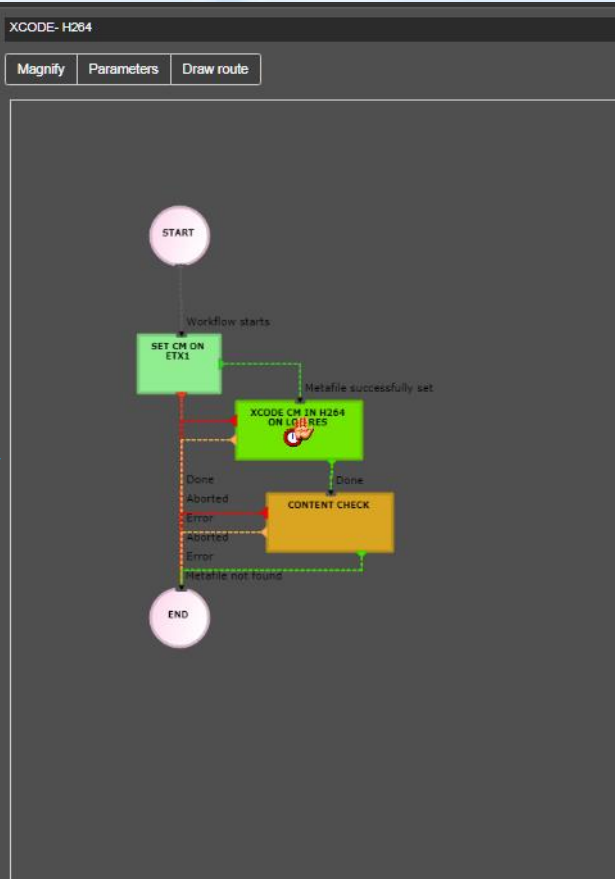
Reset

Delete

View diagram

Log

date	action	category	status	result	message	worker login name	user
16/07/2020 17:18:55	Set CM on eb1	Asset	Workflow active	0	Parameter: Metafield Value: 4025		




View diagram

Date	Action	Category	Status	Result	Message	Worker Login Name	User
------	--------	----------	--------	--------	---------	-------------------	------

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

Global Workflow Status



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-Workflows 1 to 10 of 108

	object	id	code	descr.	t-workflow	action	status	result	message	deadline	priority	started	updated
<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	8926	8926	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 19:44	15/07/2020 19:44
<input type="checkbox"/>	Asset	8849	8849	prove	SC CONFORMING MXF - H264	Conforming MXF - H264	active	0			0	13/07/2020 18:20	13/07/2020 18:20
<input type="checkbox"/>	Asset	8926	8926	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	prove	SC TRANSCODING		complete	0			0	13/07/2020 18:19	13/07/2020 18:19
<input type="checkbox"/>	Asset	8926	8926	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	prove cart	SC START	Start Shopping Cart	active	0			0	13/07/2020 18:19	13/07/2020 18:19
<input type="checkbox"/>	Asset	9086	8918	Coronavirus: Thrifty Germany takes on debt ...	NEWS STORY APPROVAL	WS Journalist create Story	active	0	Updated asset 9086 to Not to be broadcasted		0	13/07/2020 16:09	13/07/2020 16:09
<input type="checkbox"/>	Asset	9085	8918	Absence of US tourists hammers Italy's Ama ...	NEWS STORY APPROVAL	WS Journalist create Story	active	0	Updated asset 9085 to Not to be broadcasted		0	13/07/2020 16:07	13/07/2020 16:07

1

2

3

...

17

18

19

Object

ID

Code

Description

T-Workflow

Action

Status

Result

Message

Deadline

Priority

Started

Updated

Etereweb - Etere pts ltd

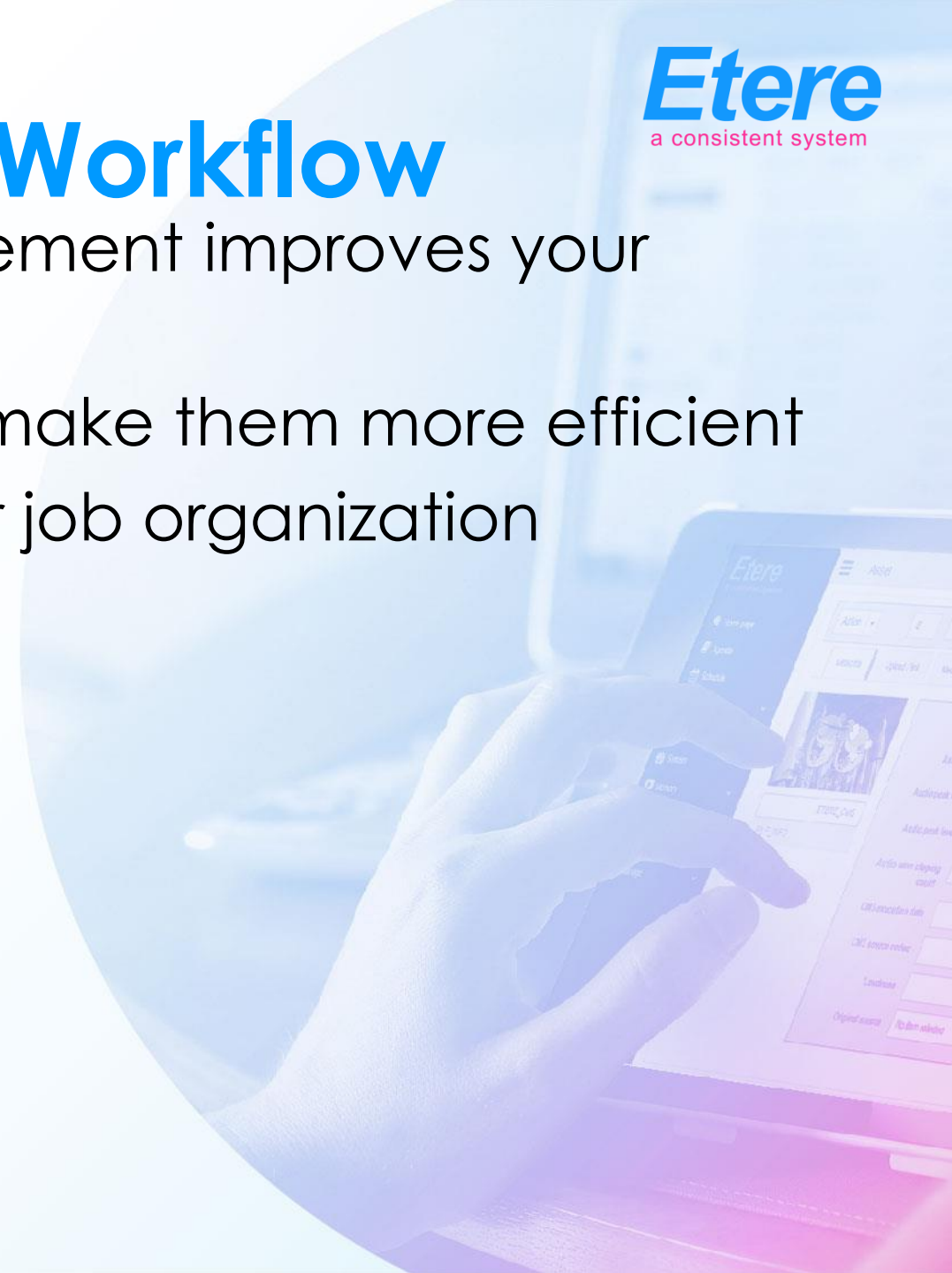
Resource Management

When Moving Files



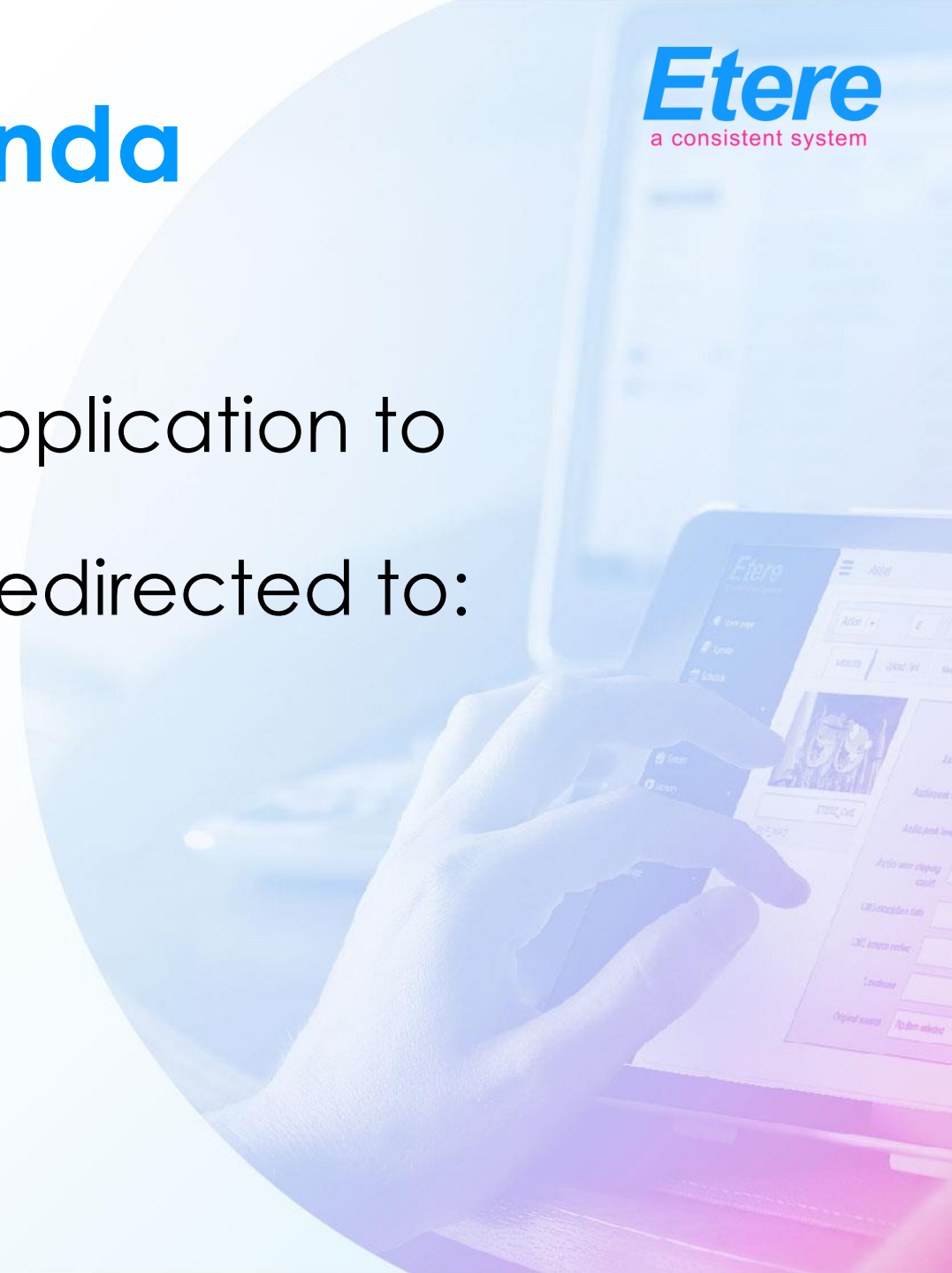
A More Efficient Workflow

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

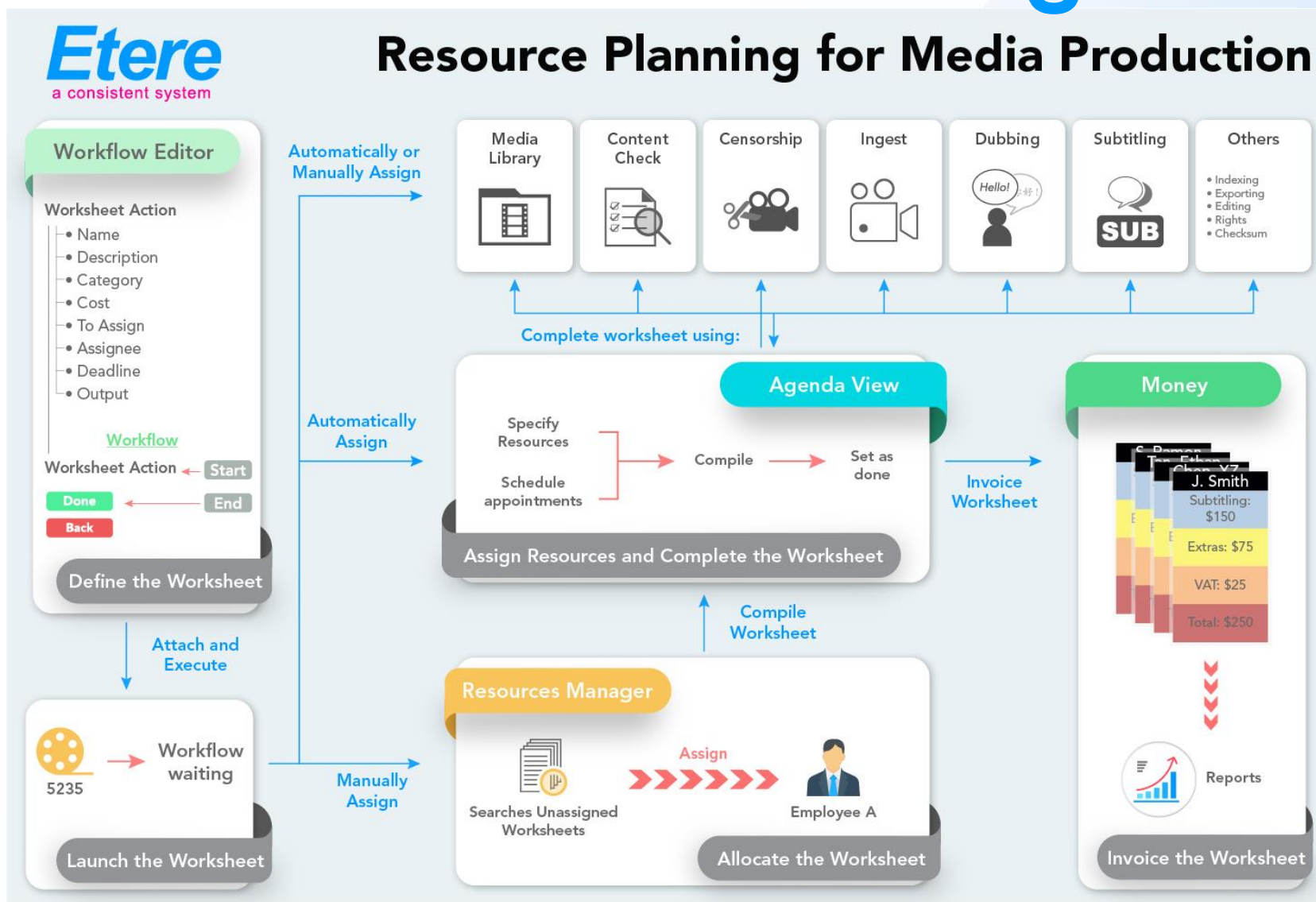


Etere Agenda

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



Resources Planning



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"/>	✱	8934	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	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 plc Ltd

Easy Preview

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

Task

Action

ID 8672

Code FULLKITCHEN1

Title DEMO 3: COMMERCIAL

Episode 1

Version 1

Task data

Virtual documents

Status

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

Notes

Costs

To invoice

Notes

Result Recording DONE Recording FAULT

Leave task

Save notes

H264 - H264

00:00:03.00

00:00:30.00

AUDIO SUBS

1 2 3 4 5 6 7 8 9

prova1

SOM 00:00:00.00 EOM 00:00:05.00 DUR 00:00:05.01 Type FILM

SOM 00:00:05.01 EOM 00:00:10.00 DUR 00:00:05.00 Type

SOM 00:00:10.01 EOM 00:00:15.00 DUR 00:00:05.00 Type

SOM 00:00:15.01 EOM 00:00:20.00 DUR 00:00:05.00 Type

SOM 00:00:20.01 EOM 00:00:25.00 DUR 00:00:05.00 Type

SOM 00:00:25.01 EOM 00:00:29.24 DUR 00:00:04.24 Type

One Click Access

Open Asset

The screenshot illustrates the 'One Click Access' feature in the Etere CMS. It shows the 'Task' sidebar on the left, which contains a list of tasks. The 'Open Asset' button is highlighted in the sidebar. A blue arrow points from this button to the 'Asset' view, which is displayed on the right. The 'Asset' view shows a video frame and various metadata fields, including 'Asset status', 'Audio peak frame', 'Audio peak level', 'Audio wave clipping count', 'CMS execution date', 'CMS source codec', 'Loudness', and 'Original source'.

Task View:

- Task:** Recording Task
- ID:** 8672
- Code:** FULLKITCHEN1
- Title:** DEMO 3
- Episode:** 1
- Version:** 1
- Format:** H264 - LOWRES
- Archive and QC:** ARCHIVE AND QC
- Action:** Recording Task
- Period:** 08/05/2020 15:15:36 - 09/05/2020 15:15:36
- Assignee:** Yang Rachel
- Notes:** This is a reminder
- Result:** Recording DONE, Recording FAULT

Asset View:

- 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

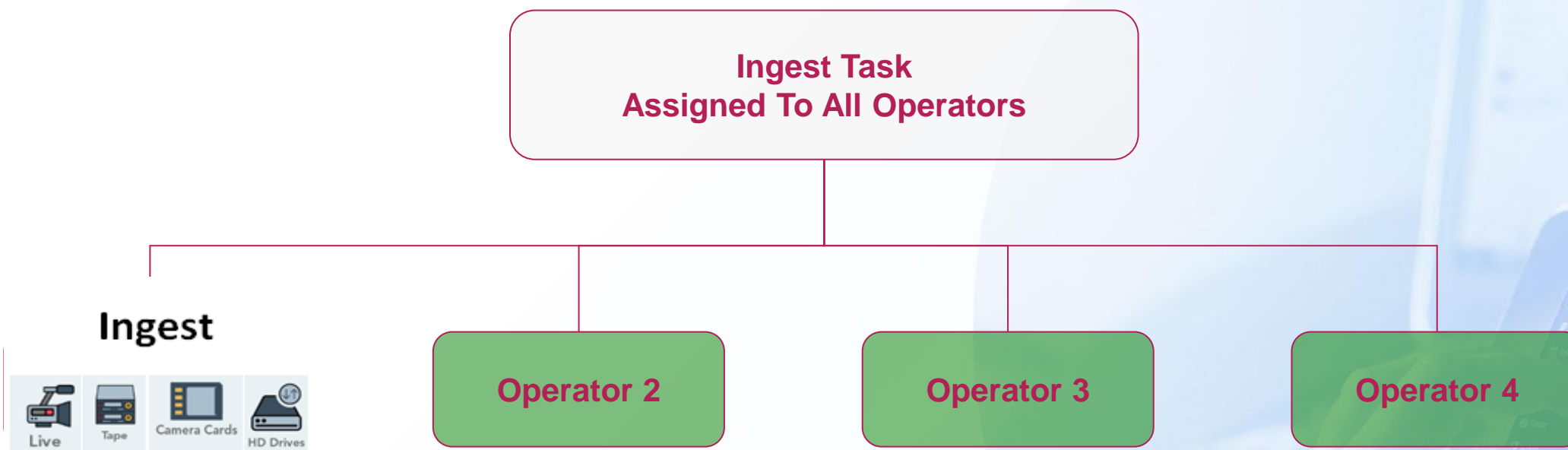
Loudness

Original source

Task sharing



Ingest Task

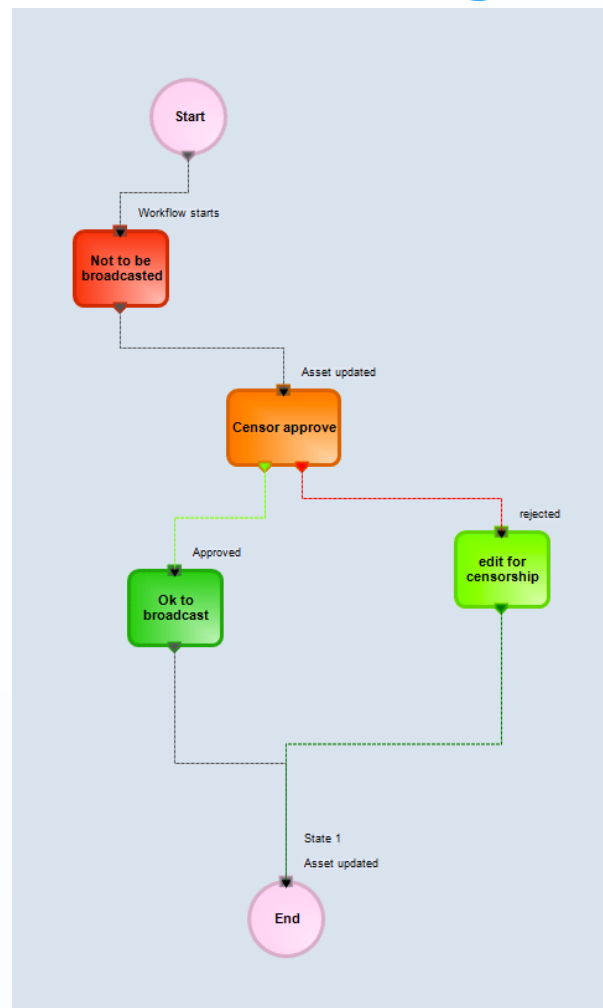


All the operators see the task as available
Operator 1 take the task other operator do not see it anymore
Operator 1 end task the workflow complete

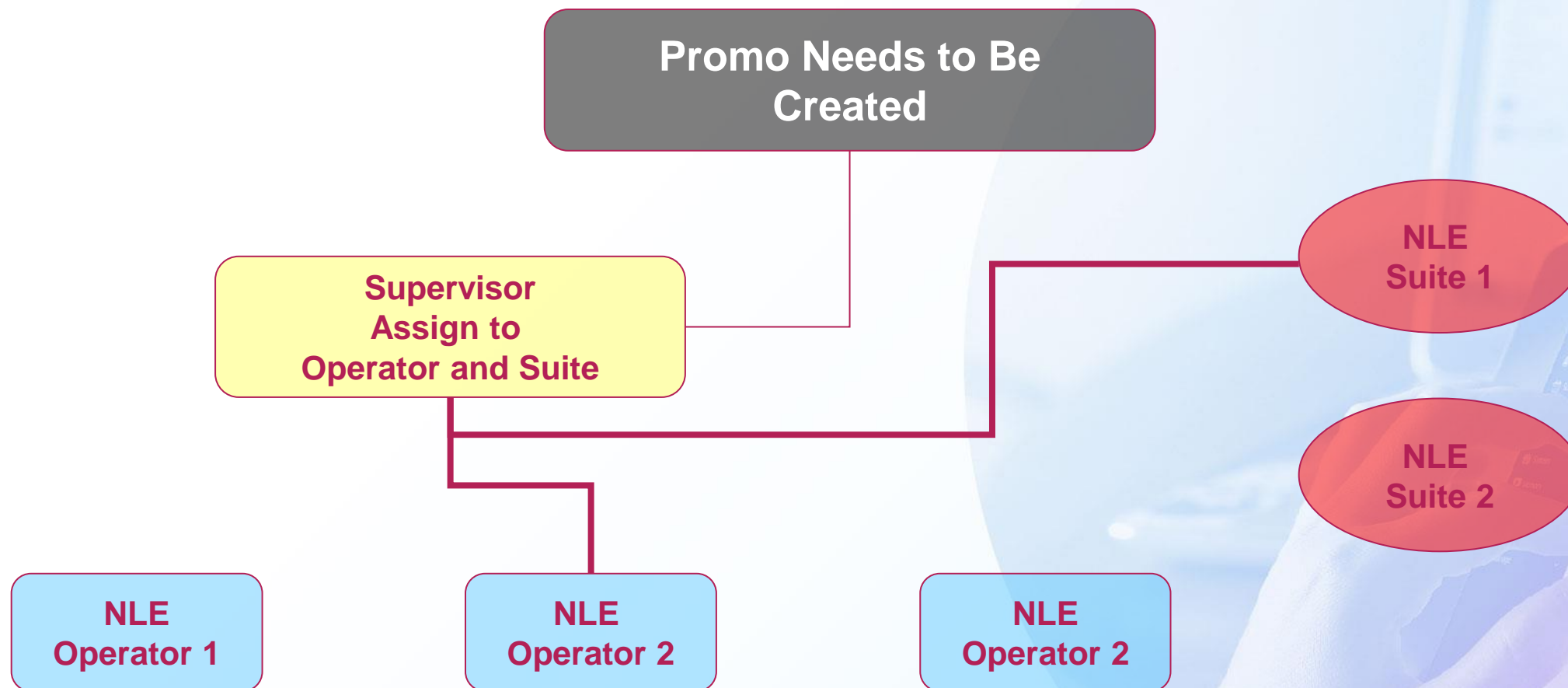
Assign a Job



To Be Assigned



Job to be Assigned



Supervisor assign NLE SUITE

Promo creation task

Several operators and assignment OPERATOR

Assign Job

Resources Manager

Worksheet: TSK-DUBAI_Check(116)

MEDIA DESK

TSK-TechCheck-YES-NO(9)

FileExist

TSK-MEDIA Missing(398)

Assign Job

☐ To assign ☒ Assigned ☐ All

Code	Description	T-Workflow	T-Workflow status	Action status	Assignee	Start	End	Notes
CMM604443	Achille Lauro Ft. Vins - Mamacita	02-Default QC-ita	Workflow abort					
test	Alex Who? - Twisted	02-Default QC-ita	Workflow abort					
CMM612493	BACKSTREET BOYS - CHANCES	02-Default QC-ita	Workflow active					
		02-Default QC-ita	Workflow active					
		02-Default QC-ita	Workflow active					

Assign worksheets

Job info

T-Workflow: 02-Default QC-ita

Action: TSK-DUBAI_Check

Asset: test

Assignee: Alex Who? - Twisted

Assignee

Assignee: []

Group: []

Job type: ☒ Task ☐ Appointment

Start: 26 November 2019 - 06:35

End: 26 November 2019 - 06:35

Priority: Normal

Budget: []

Notes: []

Resources

Description	Start date	End date

Ok Cancel

Search form

Code Search option Contains Search

Code	Description
castellm@vimn.com	Castellana Marco
castellc@vimncontractor.com	Castellani Christian
VIMERE@vimn.com	De Capitani da Vimercate Emanuele
Enrico@italy.eter.com	Enrico@italy.eter.com
giacomo@italy.eter.com	giacomo@italy.eter.com
GUARIG@vimn.com	Guarino Alessandra
lorenzo@italy.eter.com	lorenzo@italy.eter.com
michele@italy.eter.com	michele@italy.eter.com
paolod@italy.eter.com	paolod@italy.eter.com

Task metadata

Task

Action

ID 8672

Code FULLKITCHEN1

Title DEMO 3: COMMERCIAL

Episode 1

Version 1

Task data

Virtual documents

Documents

Status

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

Notes

Costs

To invoice

Notes

Result

Leave task

Save notes

Recording DONE

Recording FAULT

H264 - H264

00:00:03:00

00:00:30:00

AUDIO SUBS

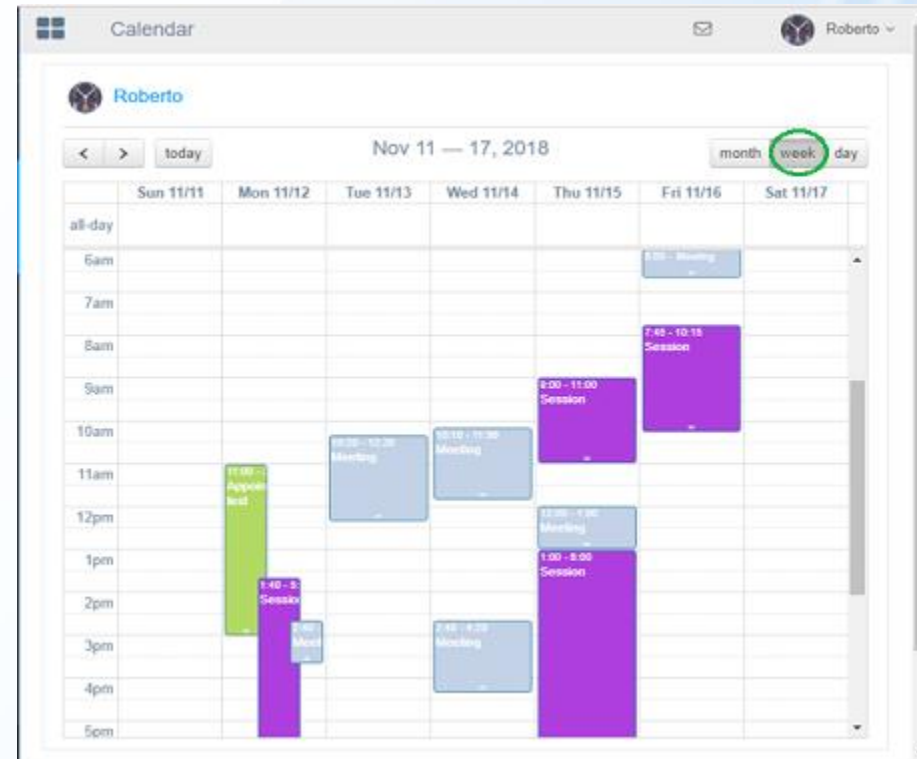
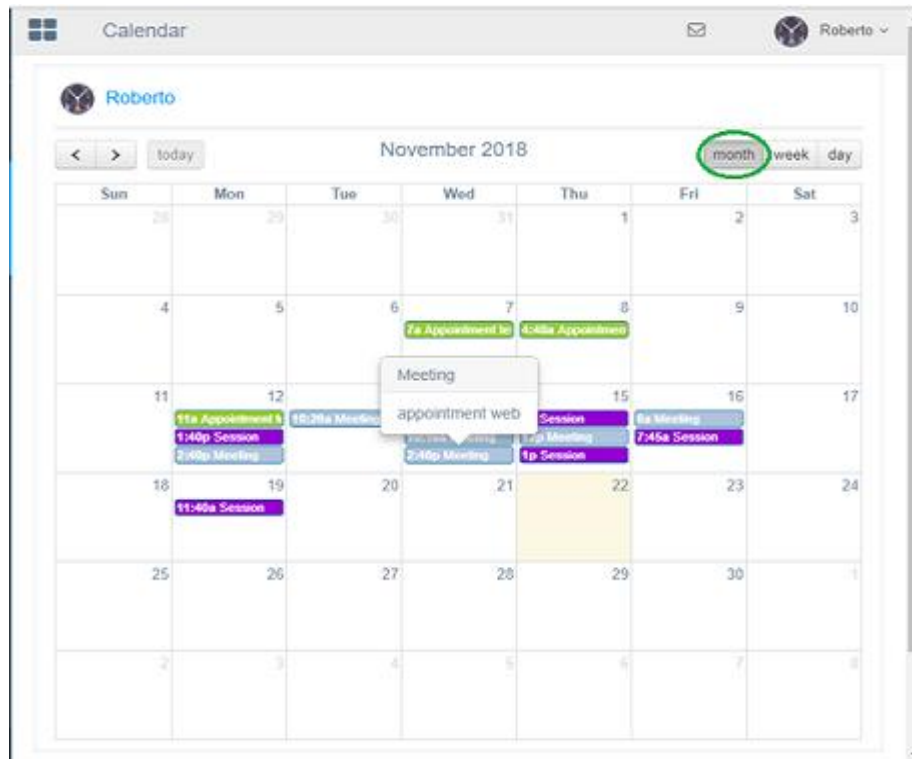
Edl options

EDL n.1

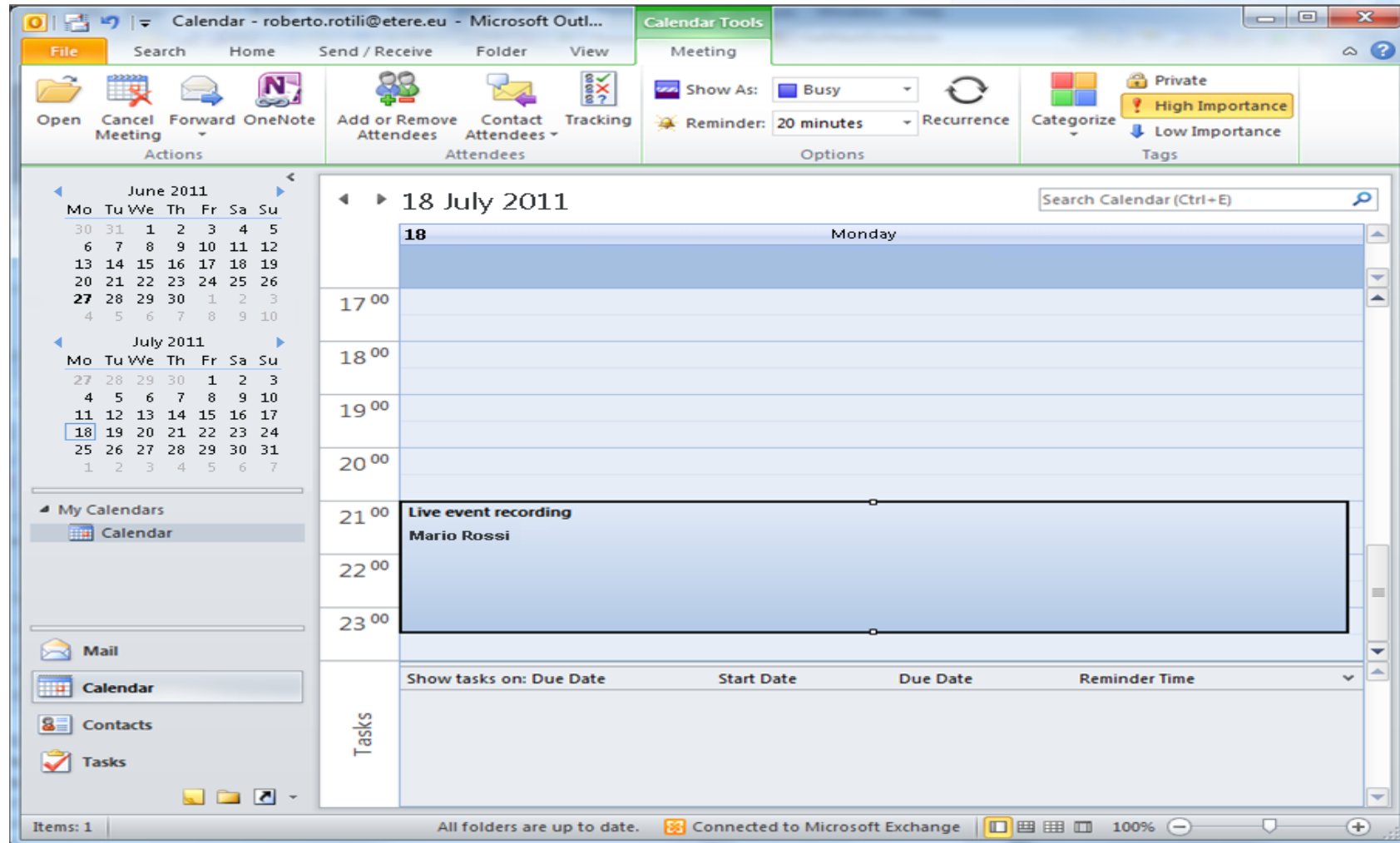
1 2 3 4 5 6 7 8 9

Edit	prova1	SOM 00:00:00.00	EOM 00:00:05.00	DUR 00:00:05.01	Type FILM
Delete					
Edit		SOM 00:00:05.01	EOM 00:00:10.00	DUR 00:00:05.00	Type
Delete					
Edit		SOM 00:00:10.01	EOM 00:00:15.00	DUR 00:00:05.00	Type
Delete					
Edit		SOM 00:00:15.01	EOM 00:00:20.00	DUR 00:00:05.00	Type
Delete					
Edit		SOM 00:00:20.01	EOM 00:00:25.00	DUR 00:00:05.00	Type
Delete					
Edit		SOM 00:00:25.01	EOM 00:00:29.24	DUR 00:00:04.24	Type
Delete					

Personal Calendar



Outlook Integration



Cost Control



Cost Control

Assignee

Task or Appointment

Resources

Dates

Calendar

Cost / Budget

Assign woksheets

Job info

T-Workflow

WS TEST

Action

Worksheet Test

Asset

02BD0000000000000089_FFMPEG

02BD0000000000000089_FFMPEG

Assignee

Assignee

USERWEB

...

Group

...

Job type

☒ Task
☐ Appointment

Start

04 December 2015 - 16:24

Jobs calendar

End

28 February 2017 - 00:00

Priority

Normal

Budget

5 hours

5,00

Hours

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

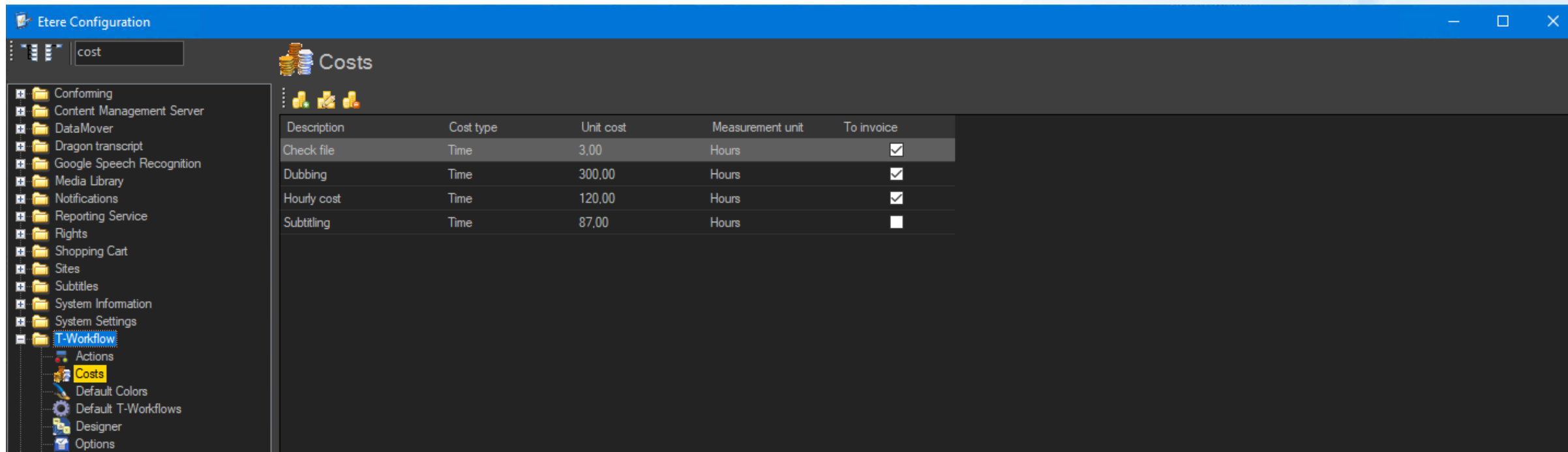
Ok

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



The screenshot shows the 'Etere Configuration' window with the 'cost' tab selected. The left sidebar lists various system components, with 'T-Workflow' expanded and 'Costs' highlighted. The main area displays a table of cost categories.

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"/>

Results

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	ROBERTOW7	roberto	checked all parts	Yes	Yes
17/09/2012 18.04.18	ActionTest Audio level check	Audio level check (3527)	Audio level OK	ROBERTOW7	roberto	checked all audio levels	Yes	No
17/09/2012 18.04.37	ActionTest WS generate subtitles	WS generate subtitles (3186)	Subtitles done	ROBERTOW7	roberto	english and italian subtitles	Yes	No

Additional Password

Edit Integration



Search for Assets

Advanced search

General

Code: 8838

Duration:

ID:

Version: 1.2

Types: **COMMERCIALS** x **FILM** x **Series** x

Title: Peaky Blinders

Search



Result search

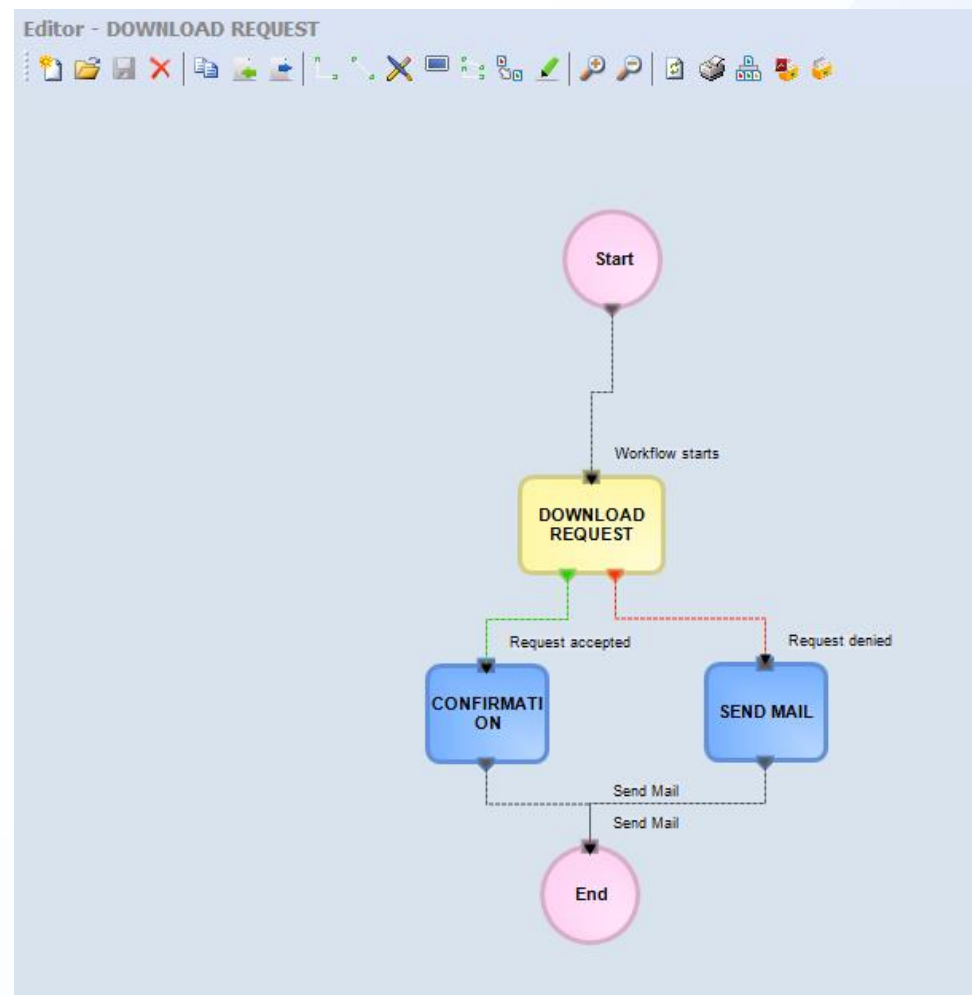
Assets

	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	

- Code
- Duration
- Version
- Types
- Title

Search results

Ask for Permission



[illegible]

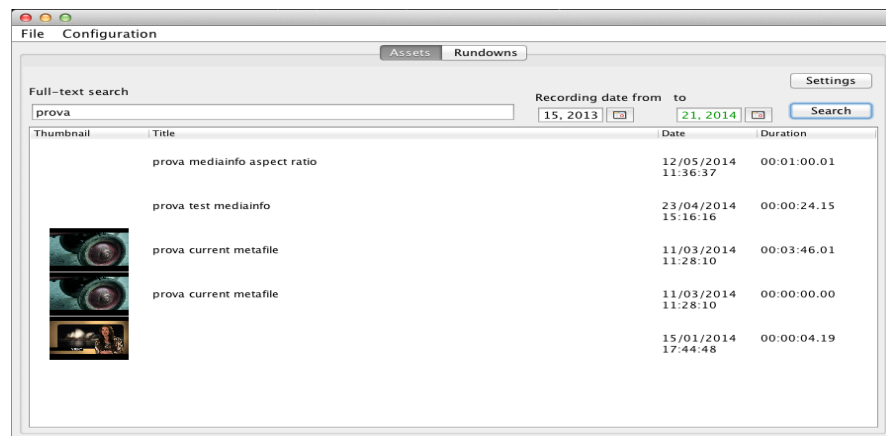
Insert in Timeline

The screenshot displays the Etere software interface, which is used for managing video assets and editing. The interface is divided into several main sections:

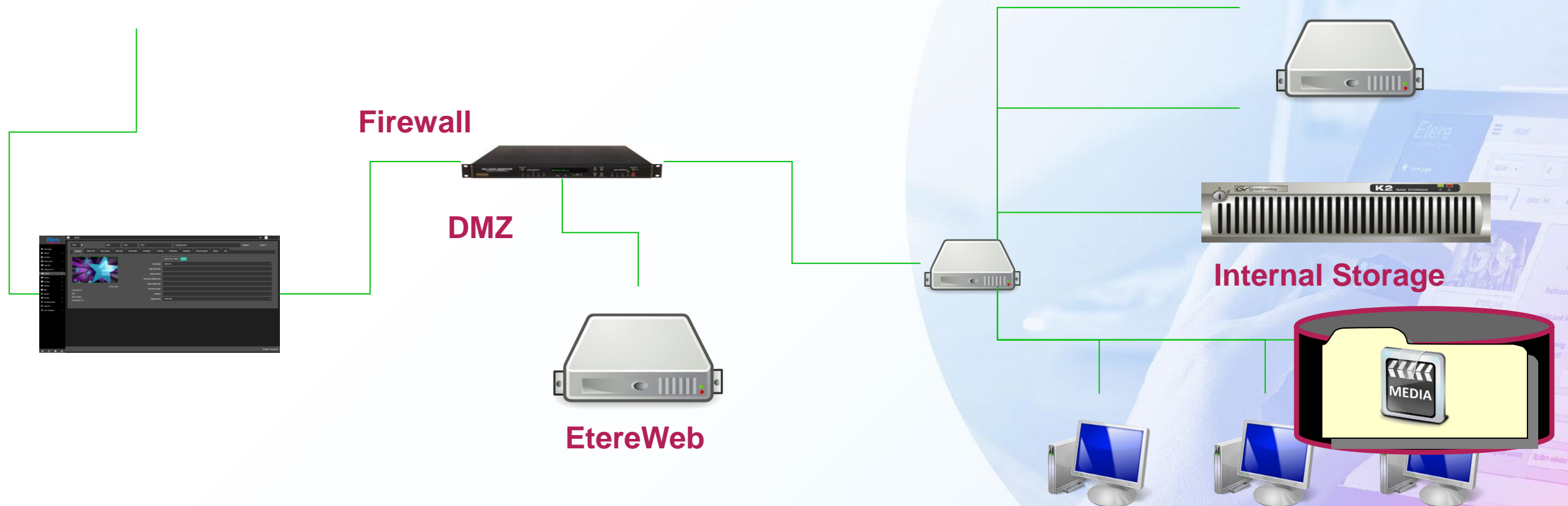
- Task Window (Left):** This panel contains job information and execution details. It includes fields for Workflow (ActionTest DOWNLOAD FILE), Action (DOWNLOAD FILE), Assignee (Salesman John), Asset (FTV_DESIGNER), Period (17 March 2016 - 17:59), Budget, Notes, Job execution Cost (None), To invoice (checkbox), and Result. At the bottom, there are icons for different video formats: FTV_DESI... (LOWRES), H264, and FTV_design... (MATROX ...).
- CHANNEL 1 Menu (Top Right):** This menu provides access to various tools and functions, including Agenda View, Subtitles Tool, Metadata Indexing, Racks, Tape Loan, Reports, Resources Manager, Query Manager, and Tape Manager. It also includes links for Start, Tools, and Help.
- Video Timeline (Bottom):** The timeline shows a video sequence with a duration of 00:00:57:03. A red line indicates the current position in the timeline, which is at 00:00:07:02. The timeline includes a track for Audio 1 and a track for video, with a clip labeled 'test C.wmv' and '2708Bis.wmv [A]'.

A red arrow points from the 'Task' window to the timeline, indicating the process of inserting a task into the video sequence.

Client for Mac

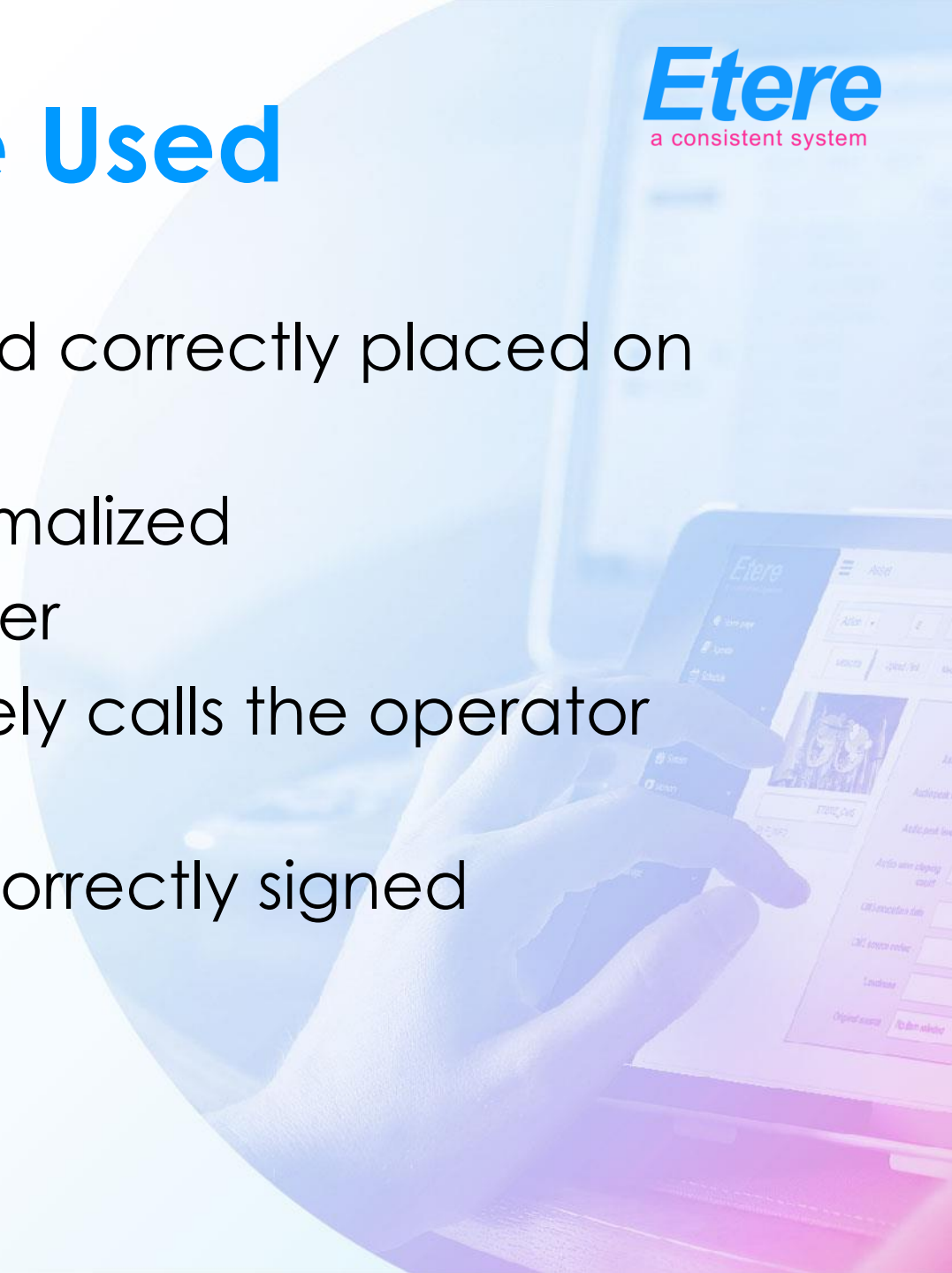


How to Upload



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

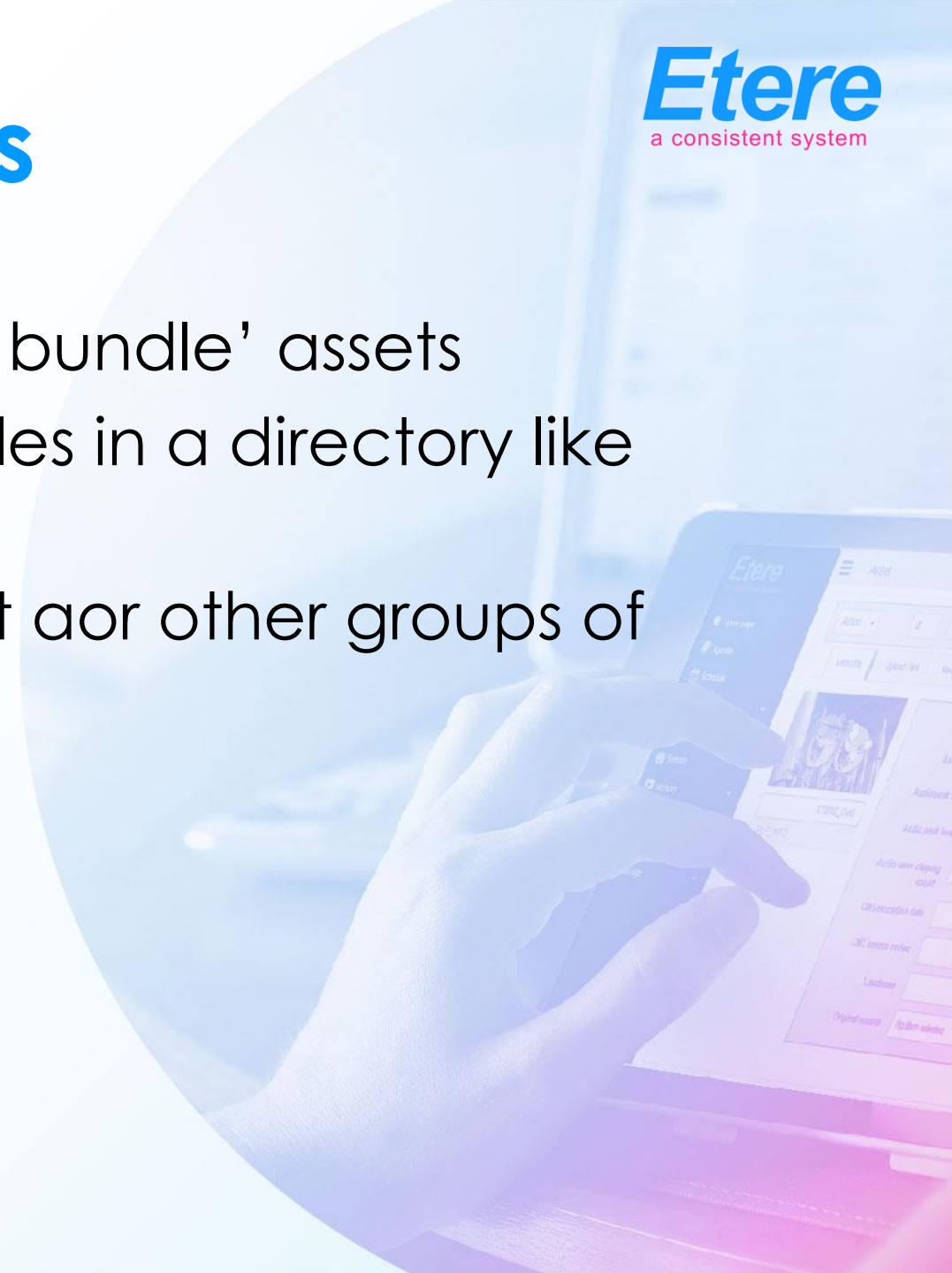


Archiving Projects



Projects


- Etere MAM is able to archive also 'bundle' assets
- Those are composed by several files in a directory like structure
- This is very useful to archive project and other groups of files



Archiving Projects

New Asset | Advanced Searches | Searches management

Run Move to








Code : WEB3932
Title : directory upload

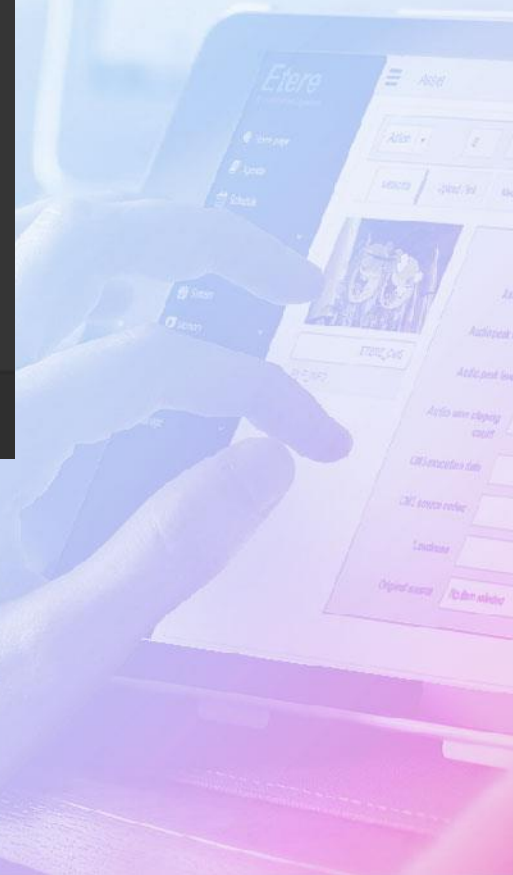
WEB3932
L3932
LTEST

Create and Link

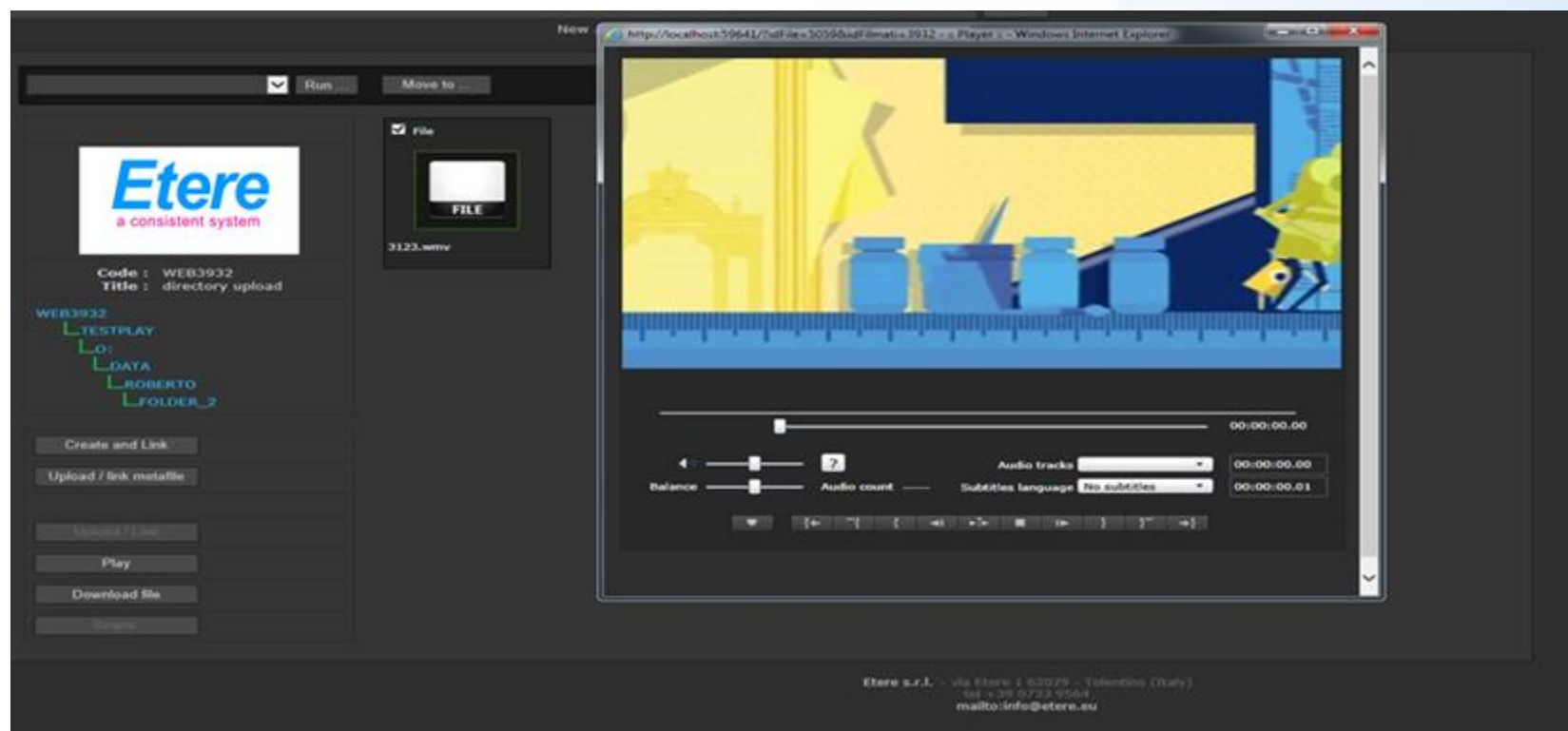
Upload / link metafile

<input type="checkbox"/>		Directory	pippo	Upload / link
<input type="checkbox"/>		Directory	sottodirectory	Upload / link
<input type="checkbox"/>		File	New Text Document.txt	
<input type="checkbox"/>		File	New WinRAR archive.rar	
<input type="checkbox"/>		File	TutorialFTP.zip	

Etere s.r.l. - via Etere, 1 62029 - Tolentino (Italy)
tel. +39 0733 9564
mailto:info@etere.eu

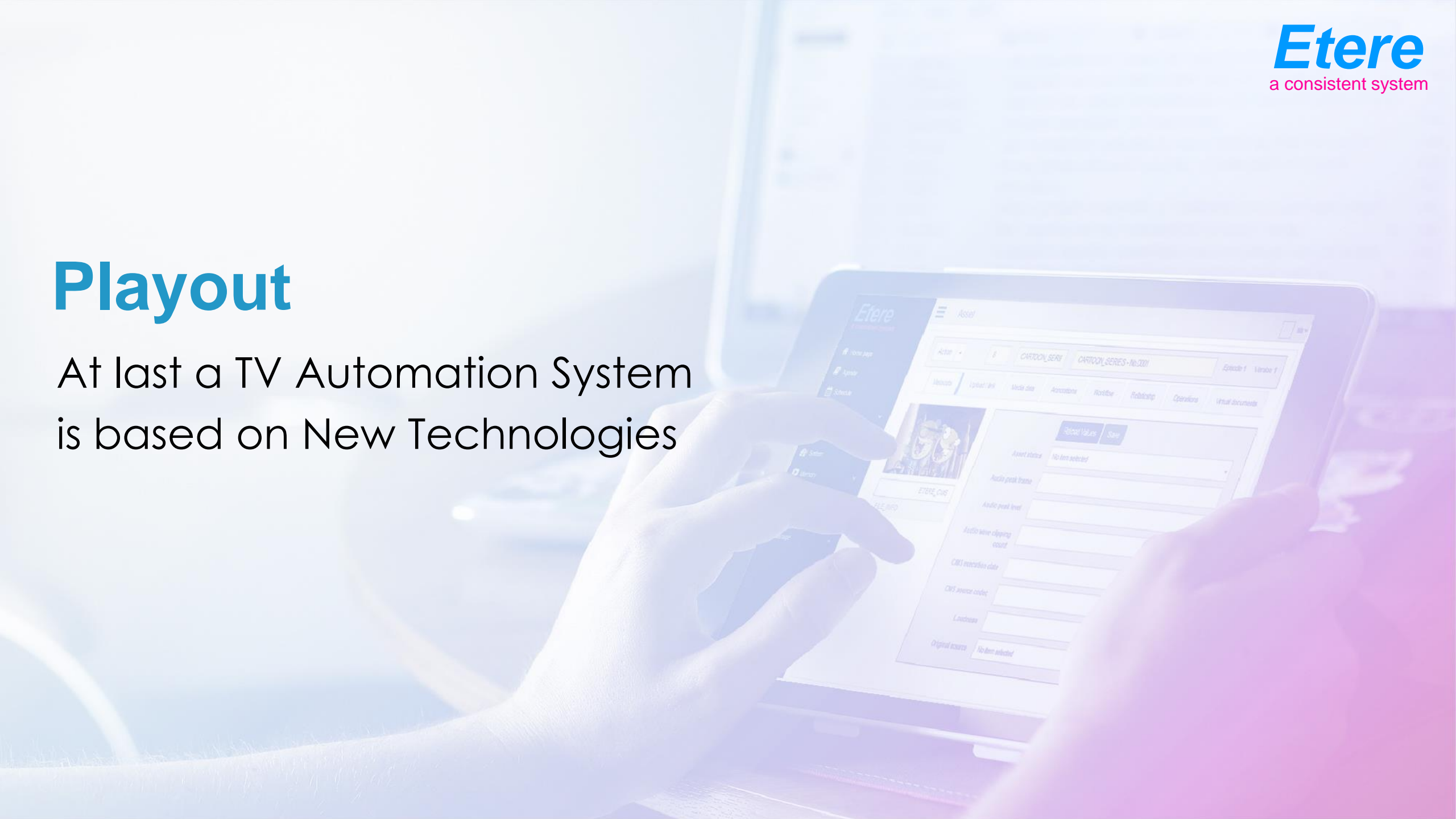


Files Preview

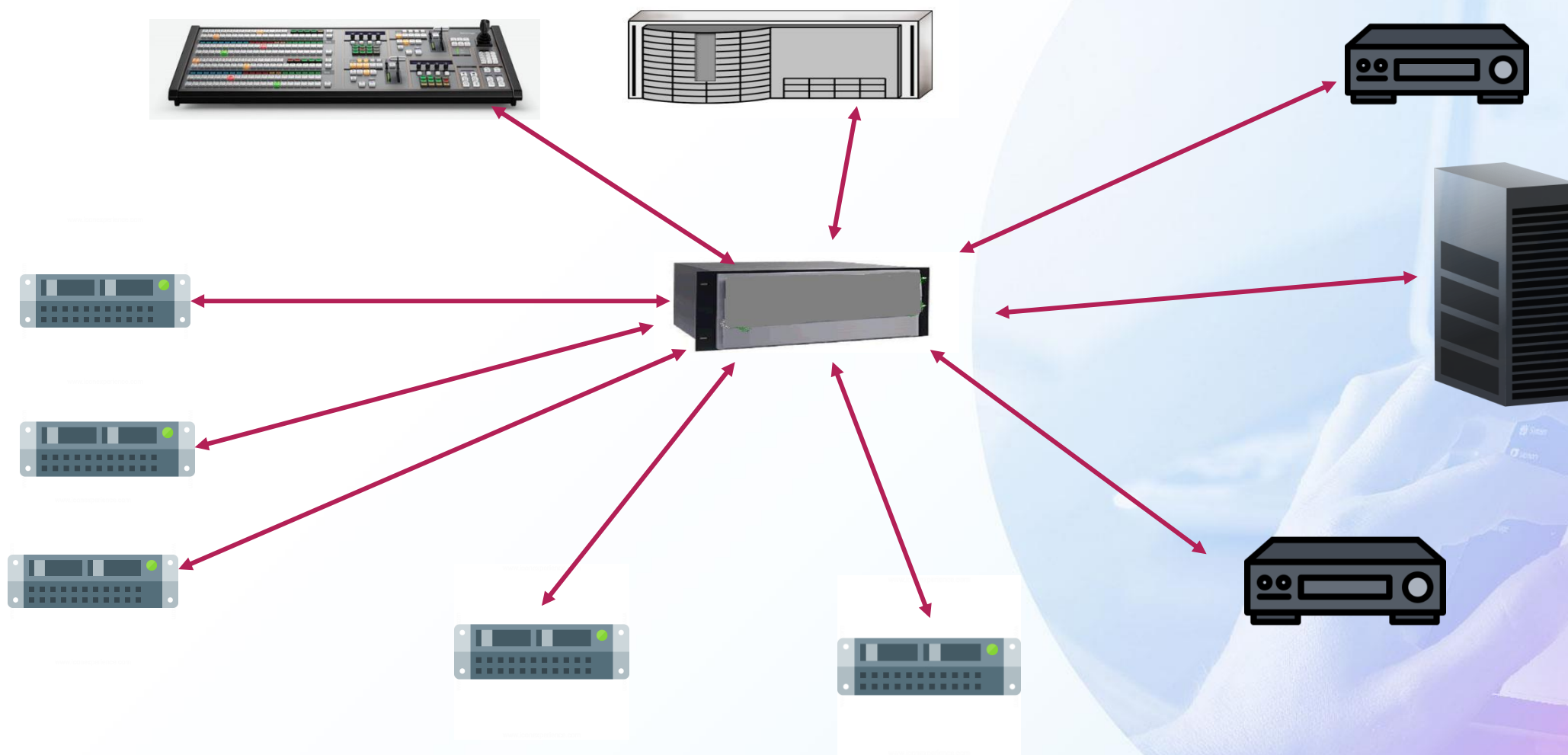


Playout

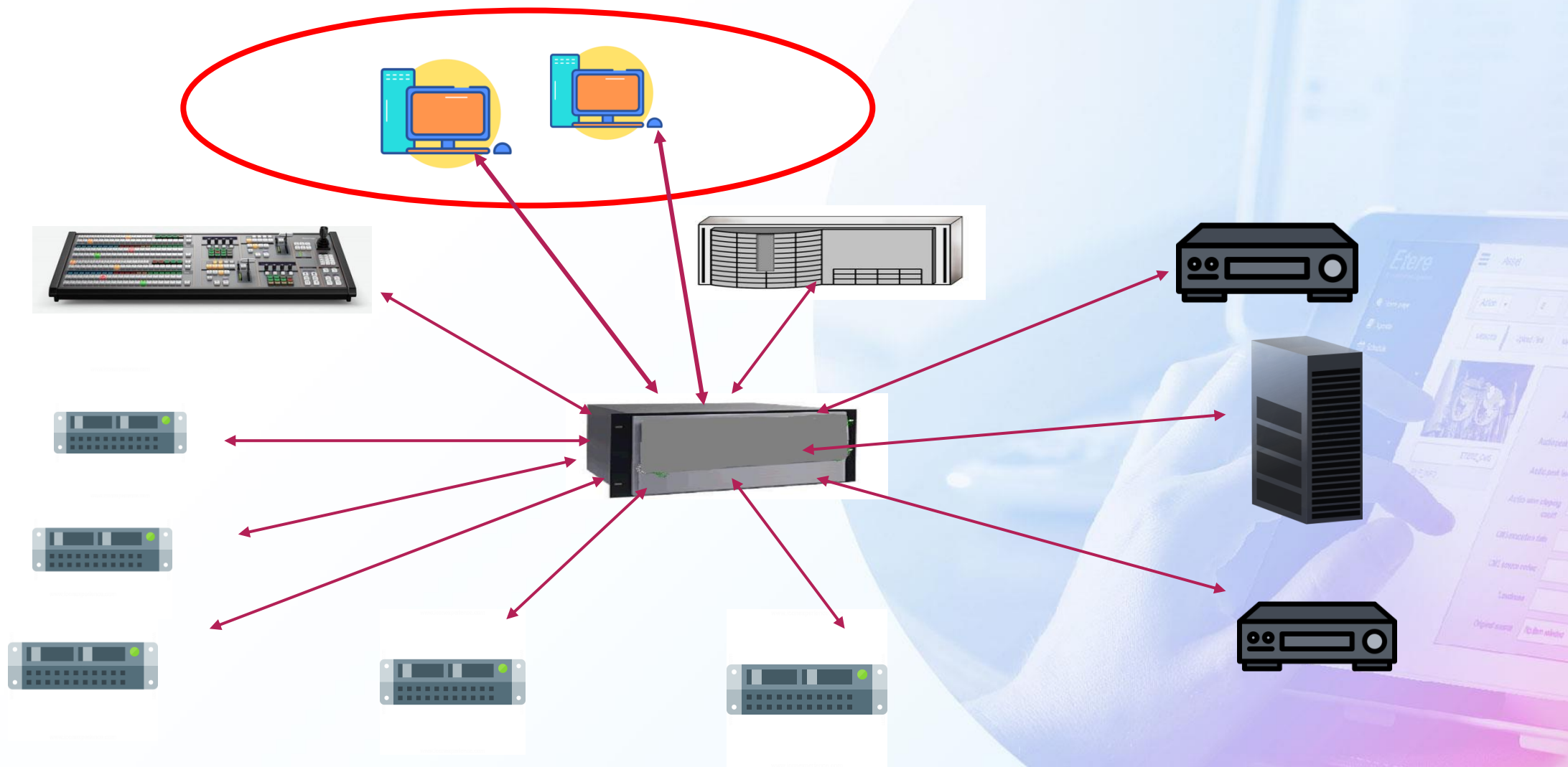
At last a TV Automation System
is based on New Technologies



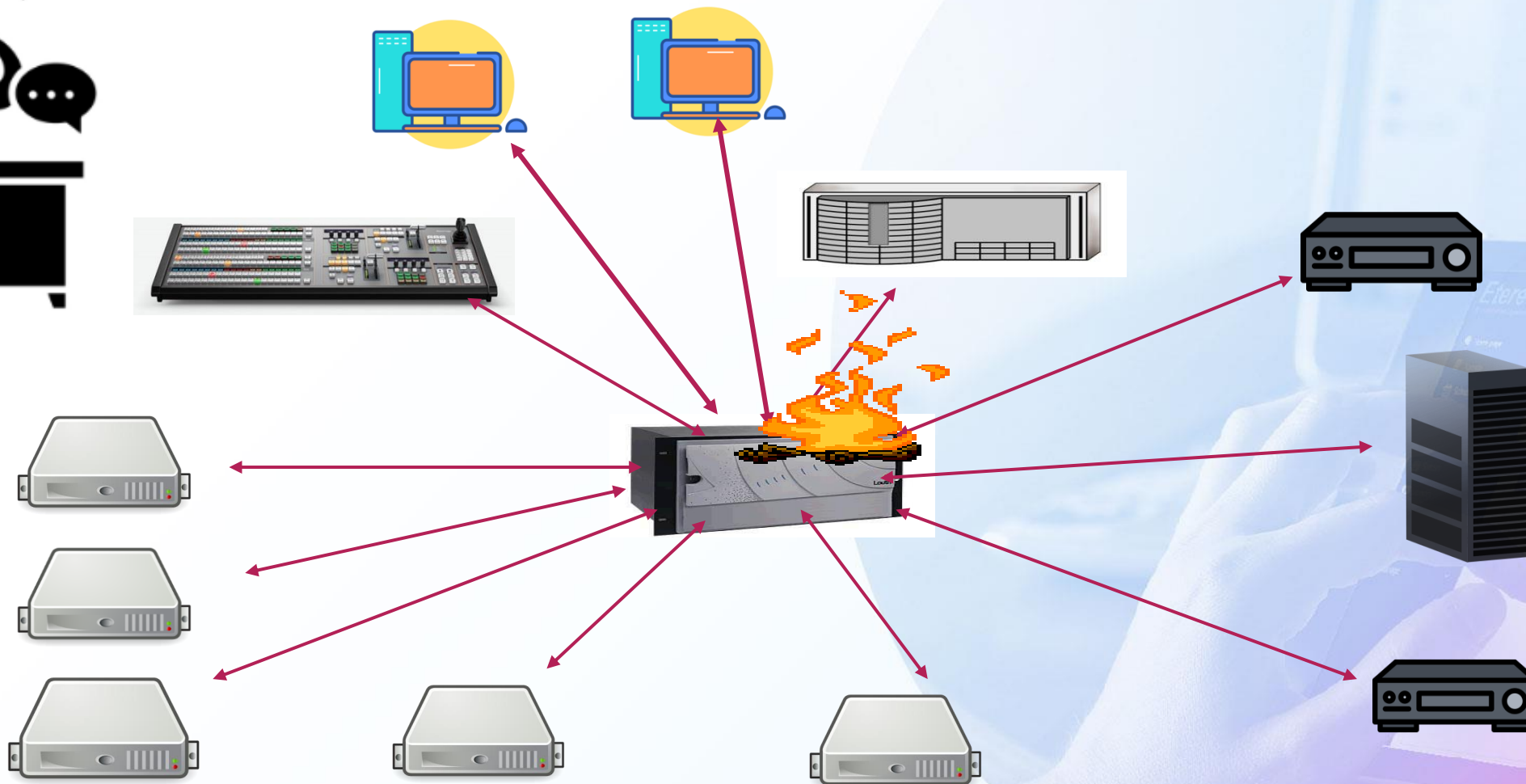
Traditional



Clients

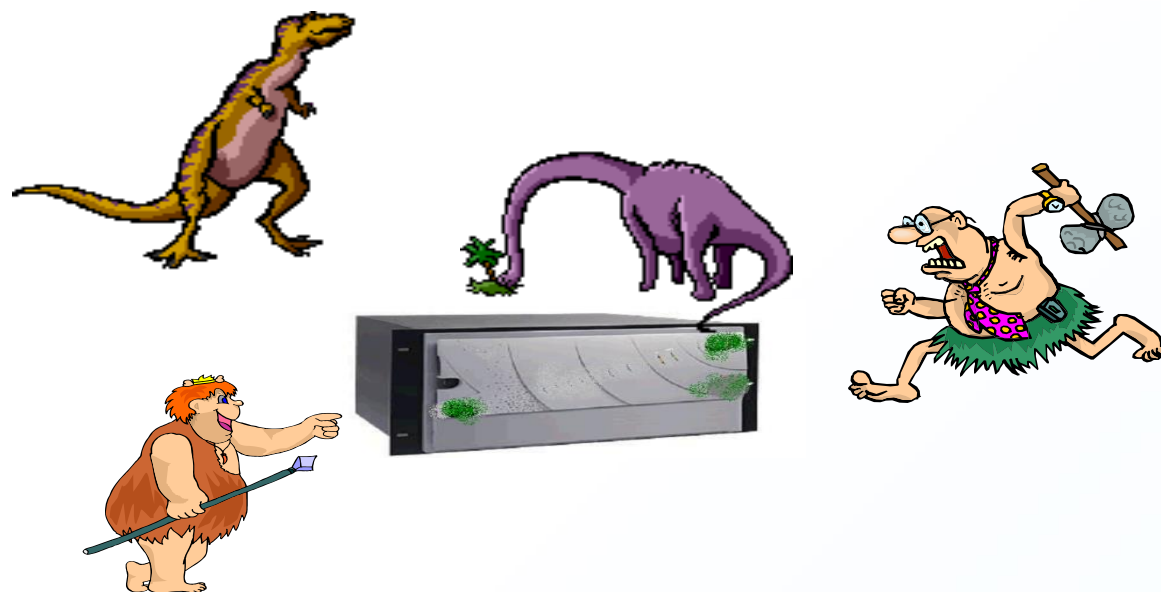


Fault

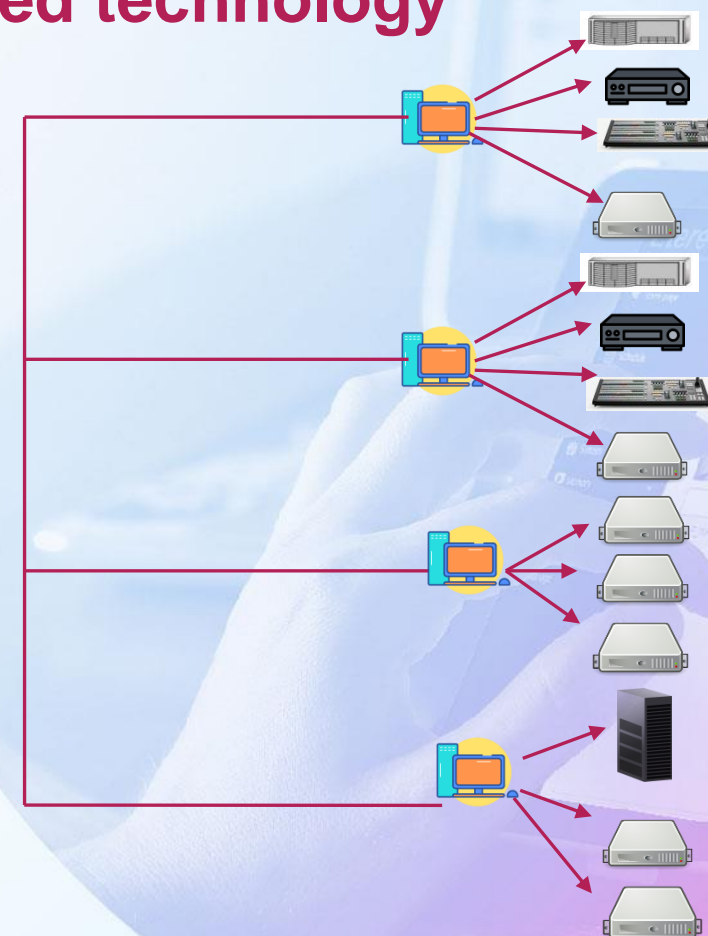


Technology Comparison

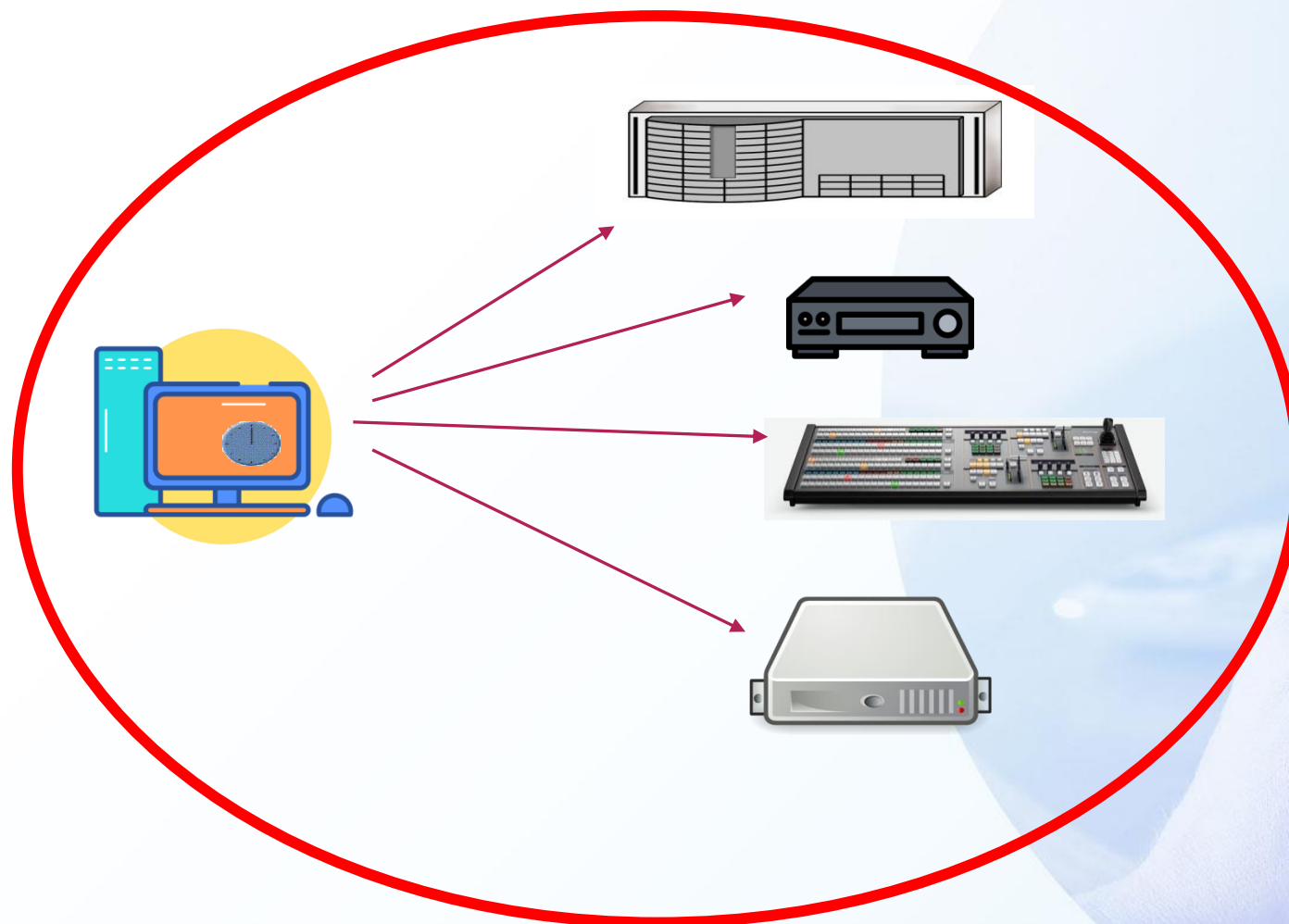
Central Device Controller



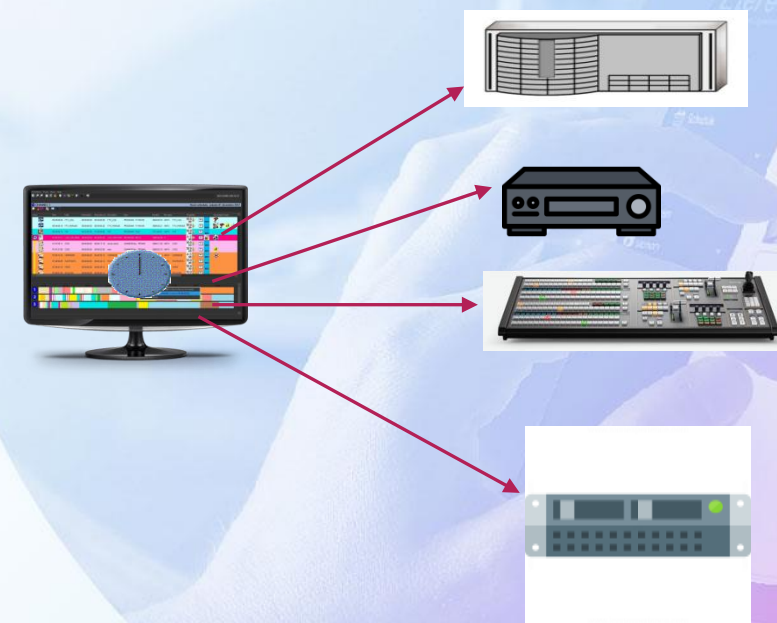
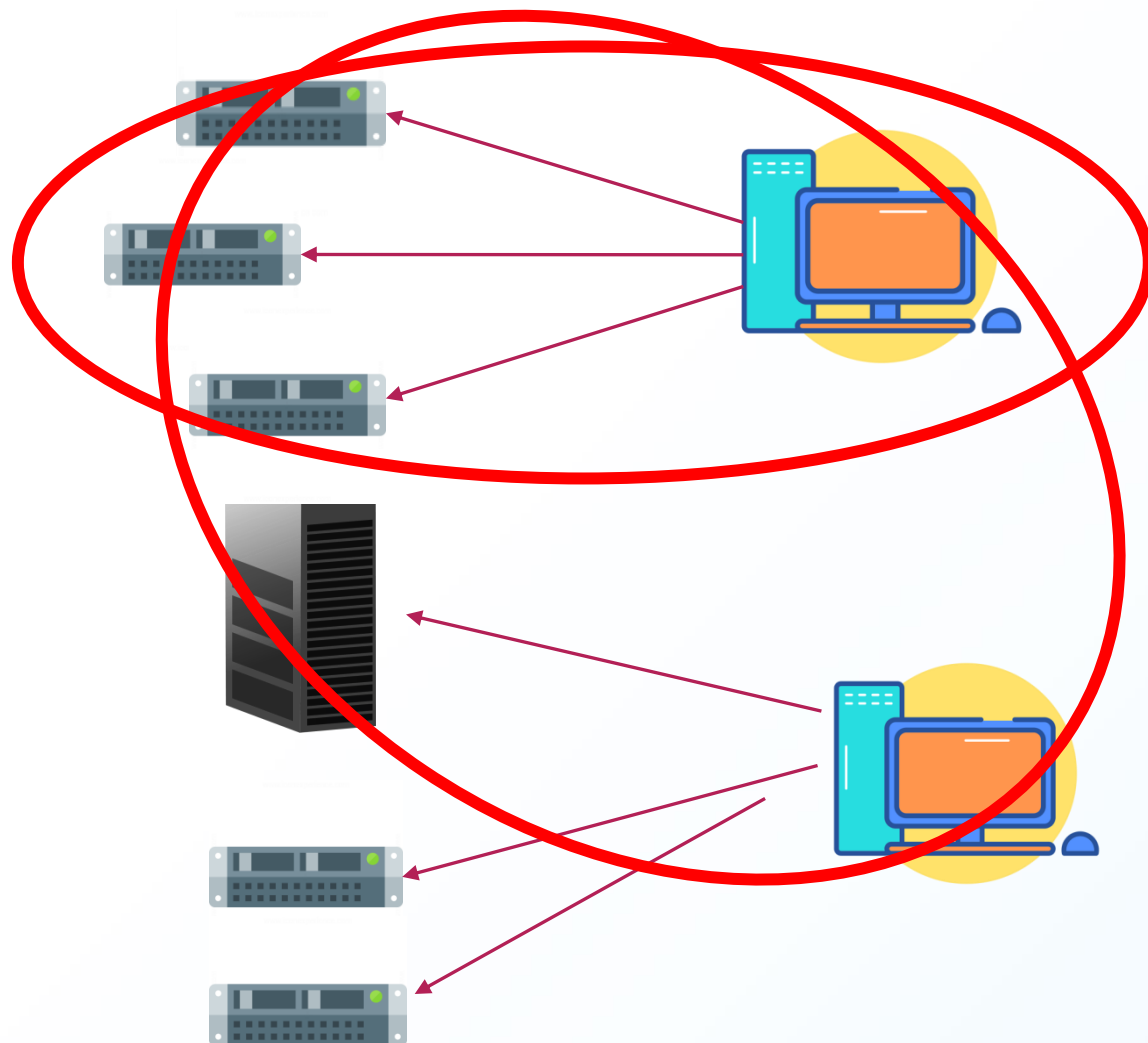
Distributed technology



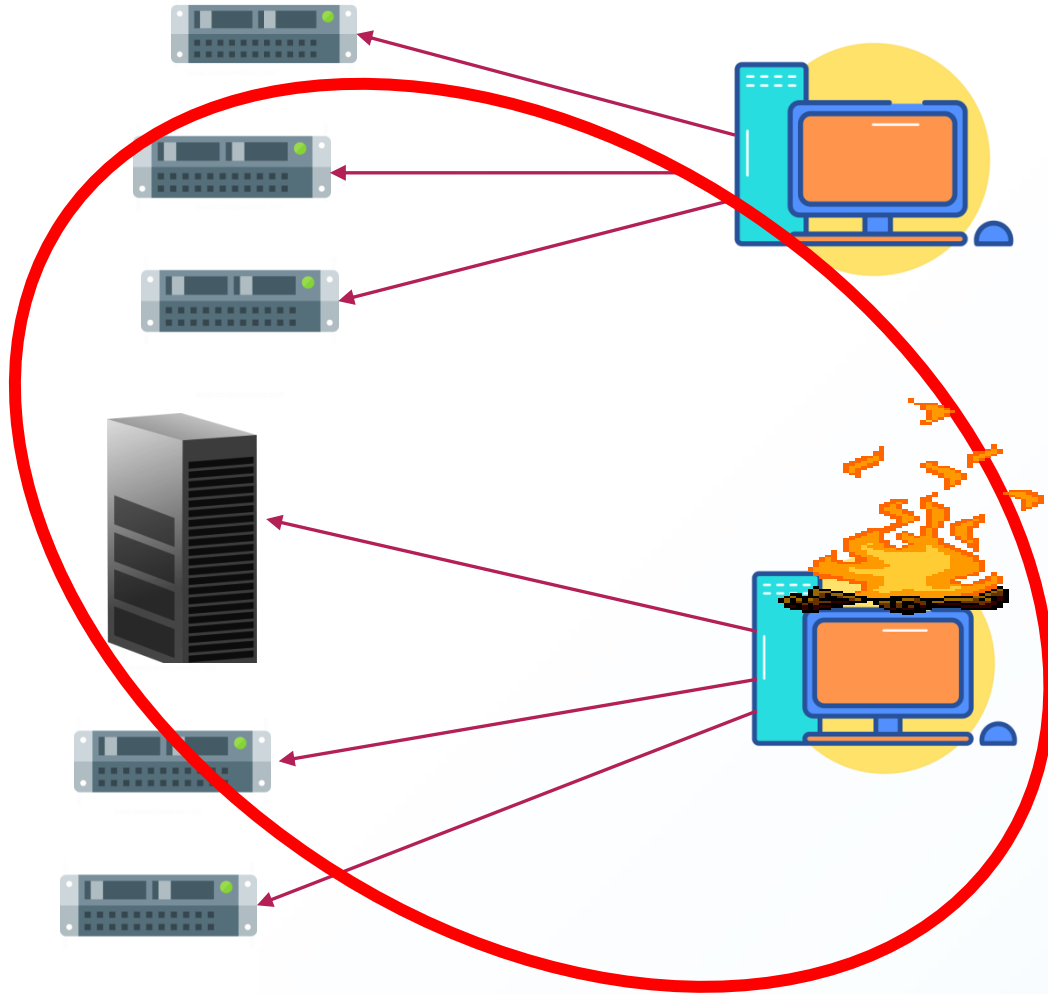
On-Air Controller



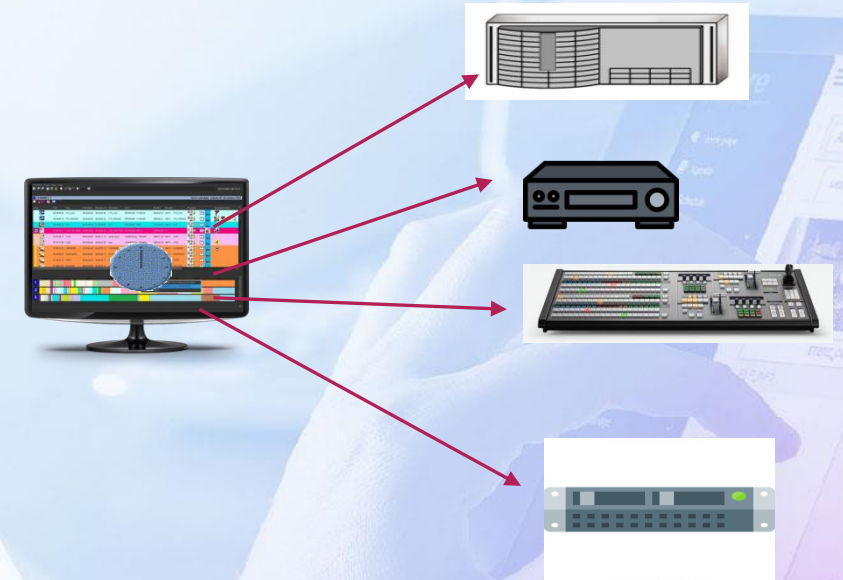
Recording and Caching



Fault

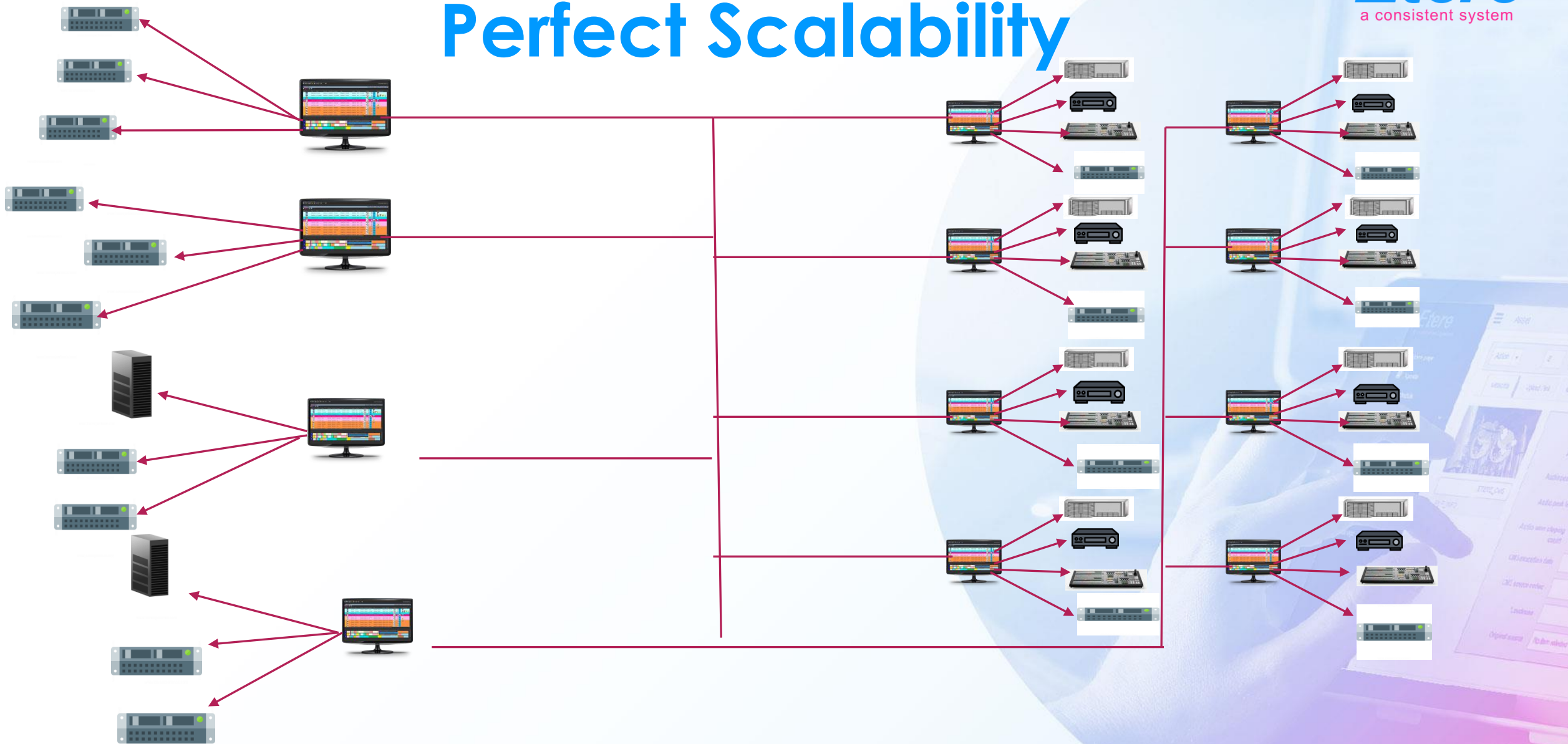


Etere
a consistent system





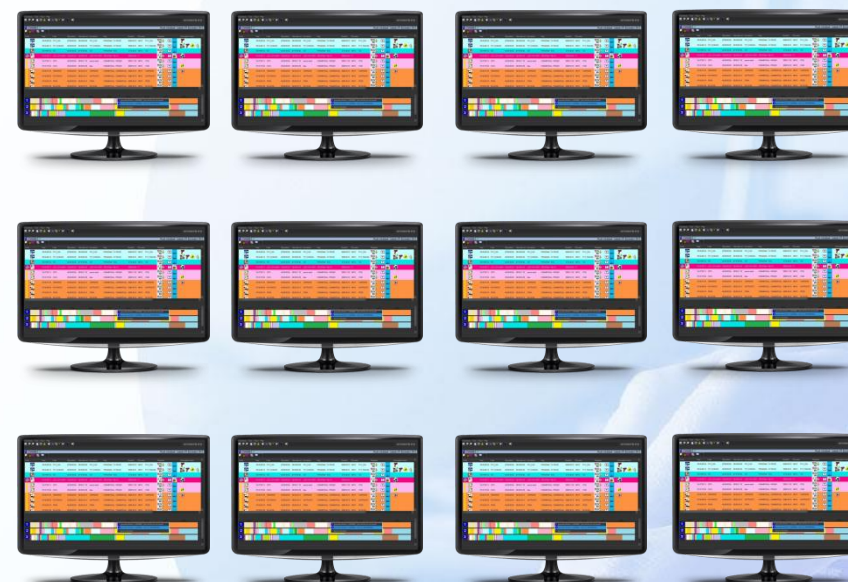
Perfect Scalability



PC and Processes

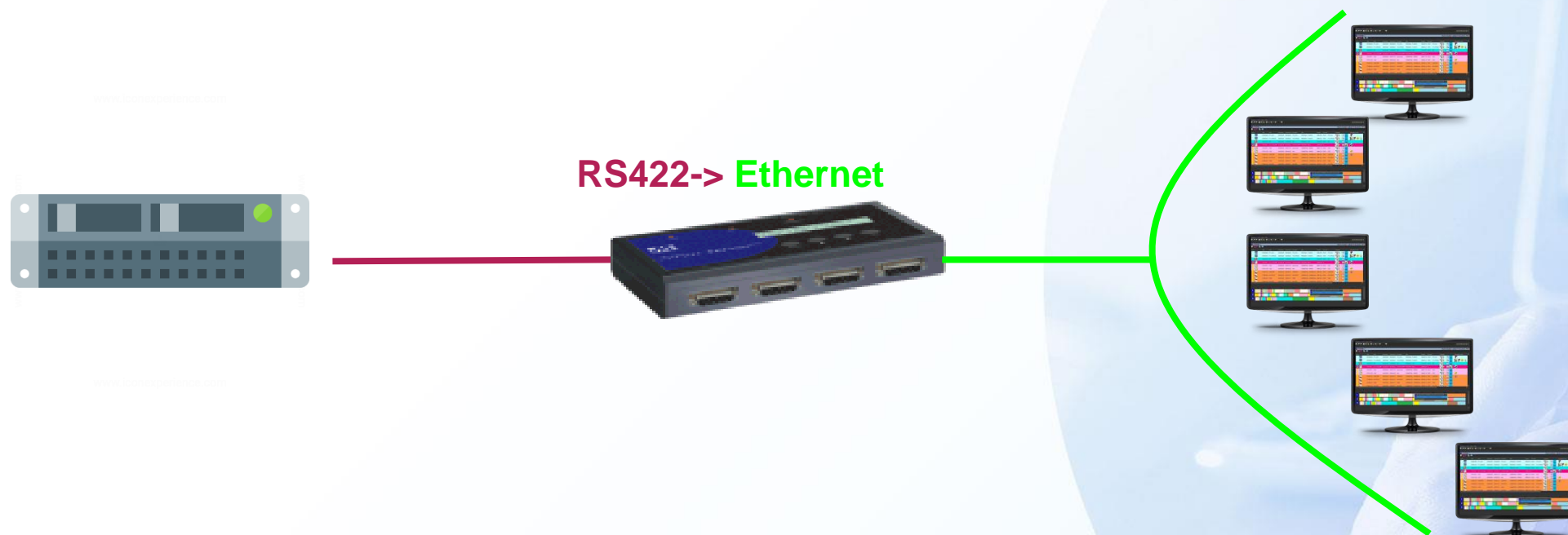


One PC

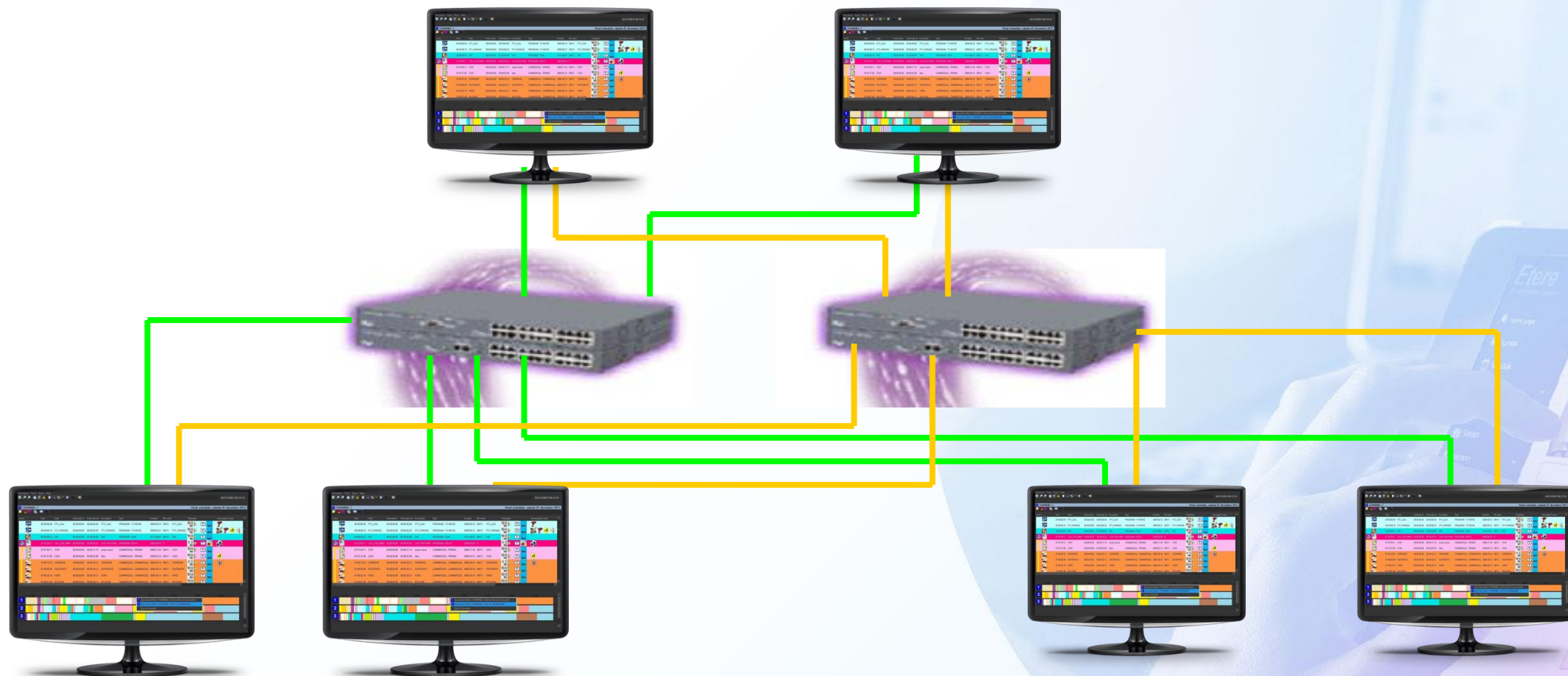


Multiple Processes

Multiple Devices Control



Fault Resilient



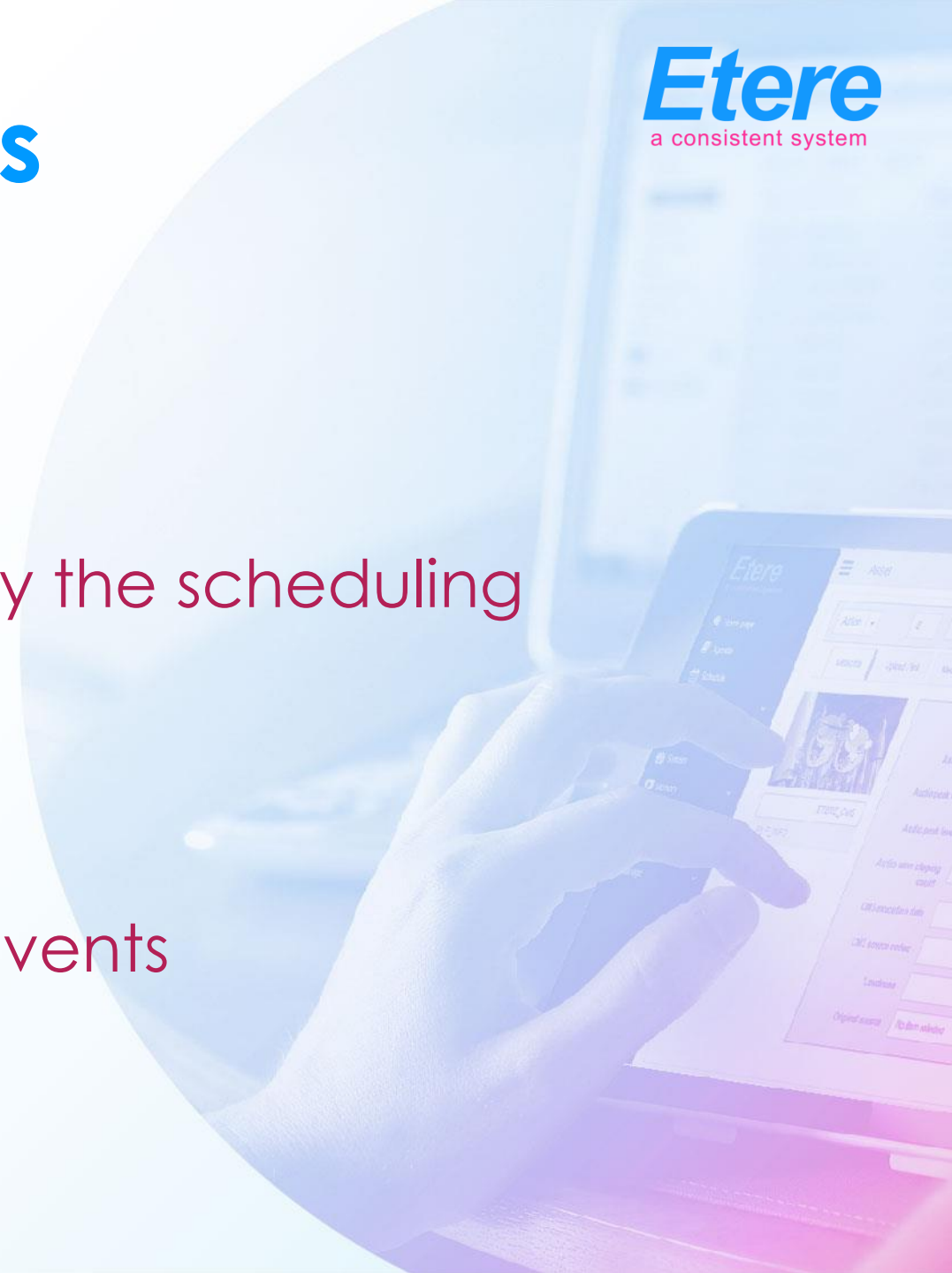
A New Vision in Automation

Or back to the old one



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



Scheduling Manager

One day
before



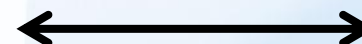
Traffic Manager

One day
before



Operator

Last minute
changes



Automation

Etere Flow



Scheduling Manager



Traffic Manager

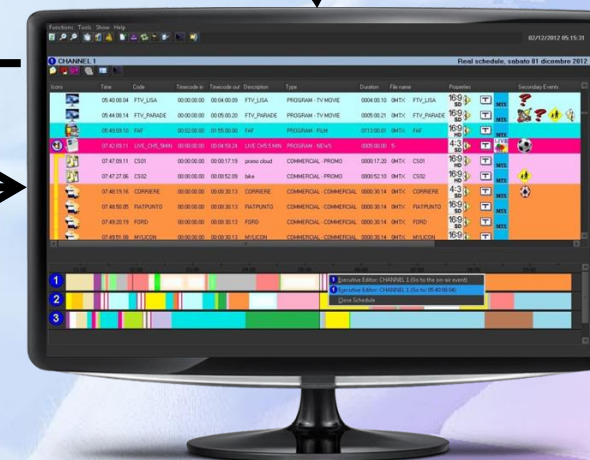


Operator

Last minute changes

Control

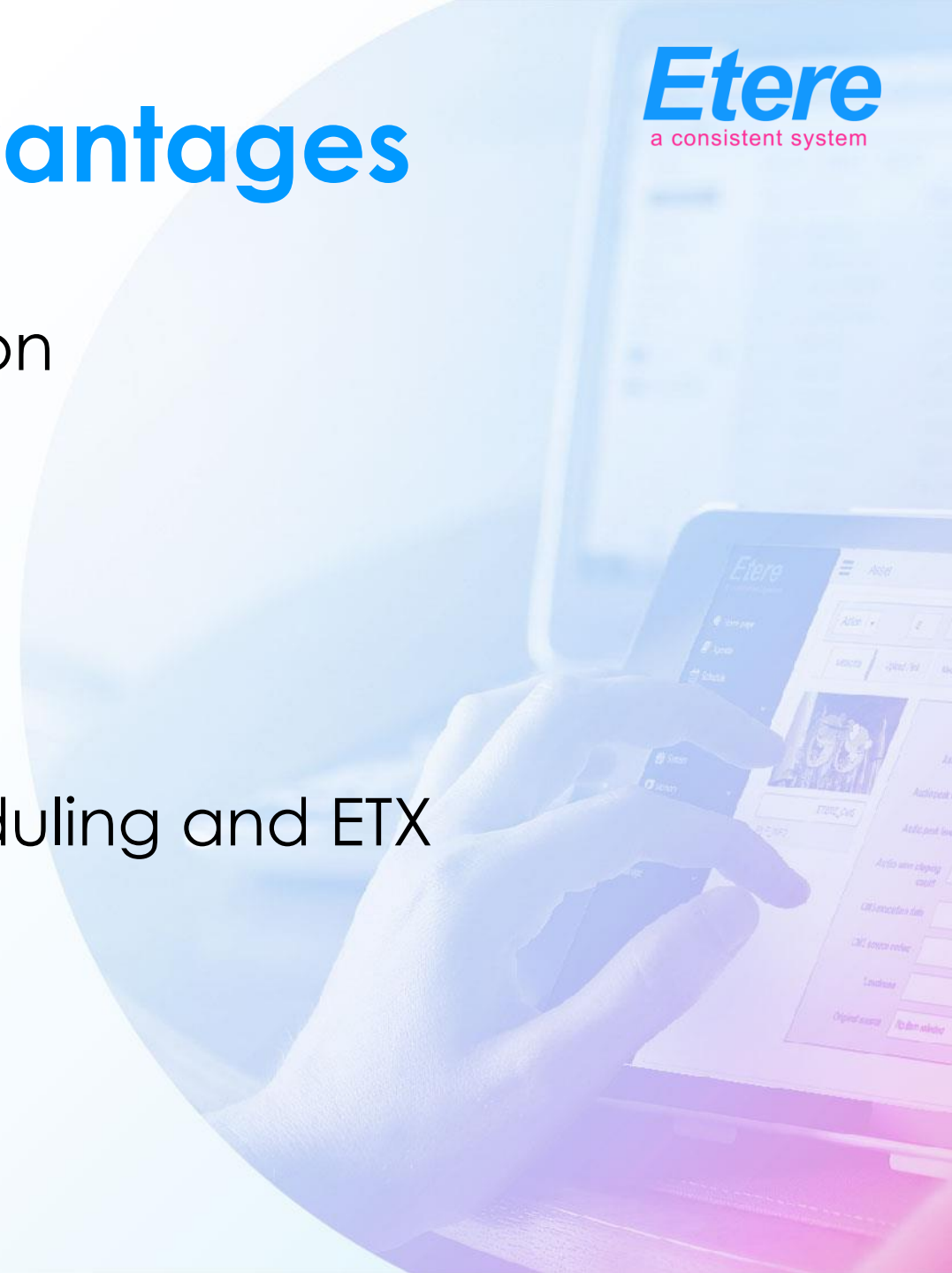
Last minute changes



Automation

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

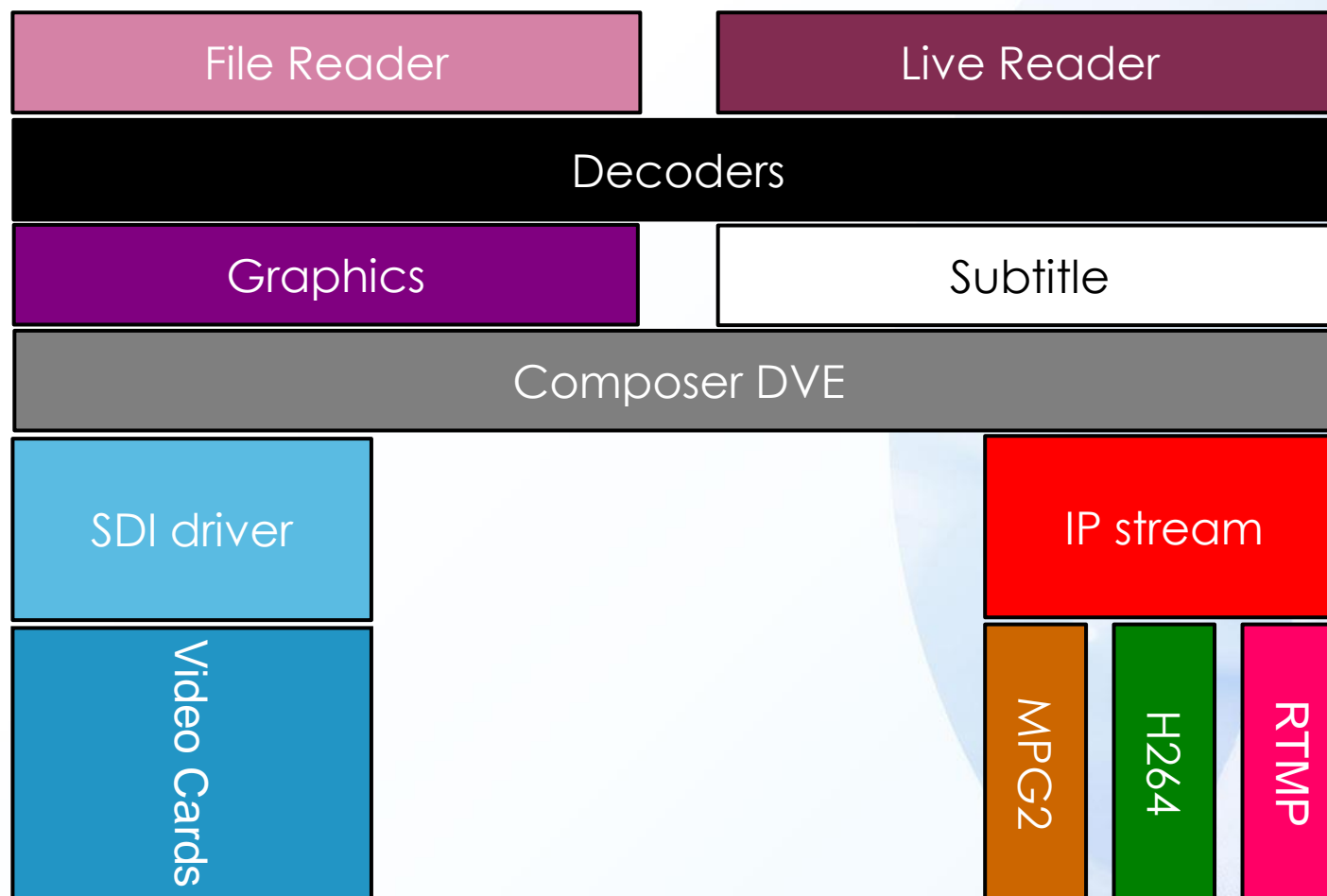


New Design Approach

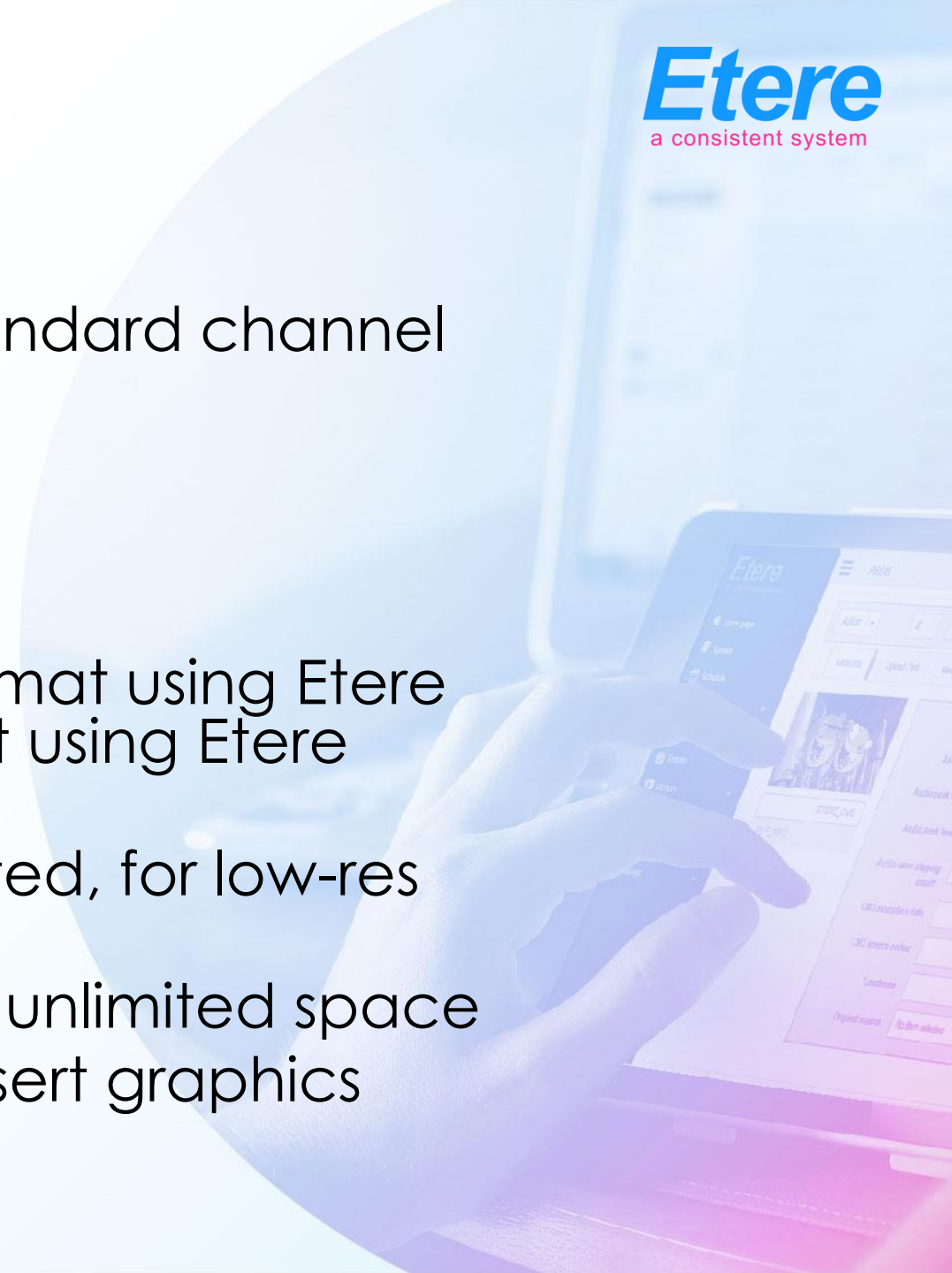
- ETX is part of the automation
- It is a software only product
- NDI/SDI/IP
- Can be virtualized
- Use standard hardware



ETX-Diagram

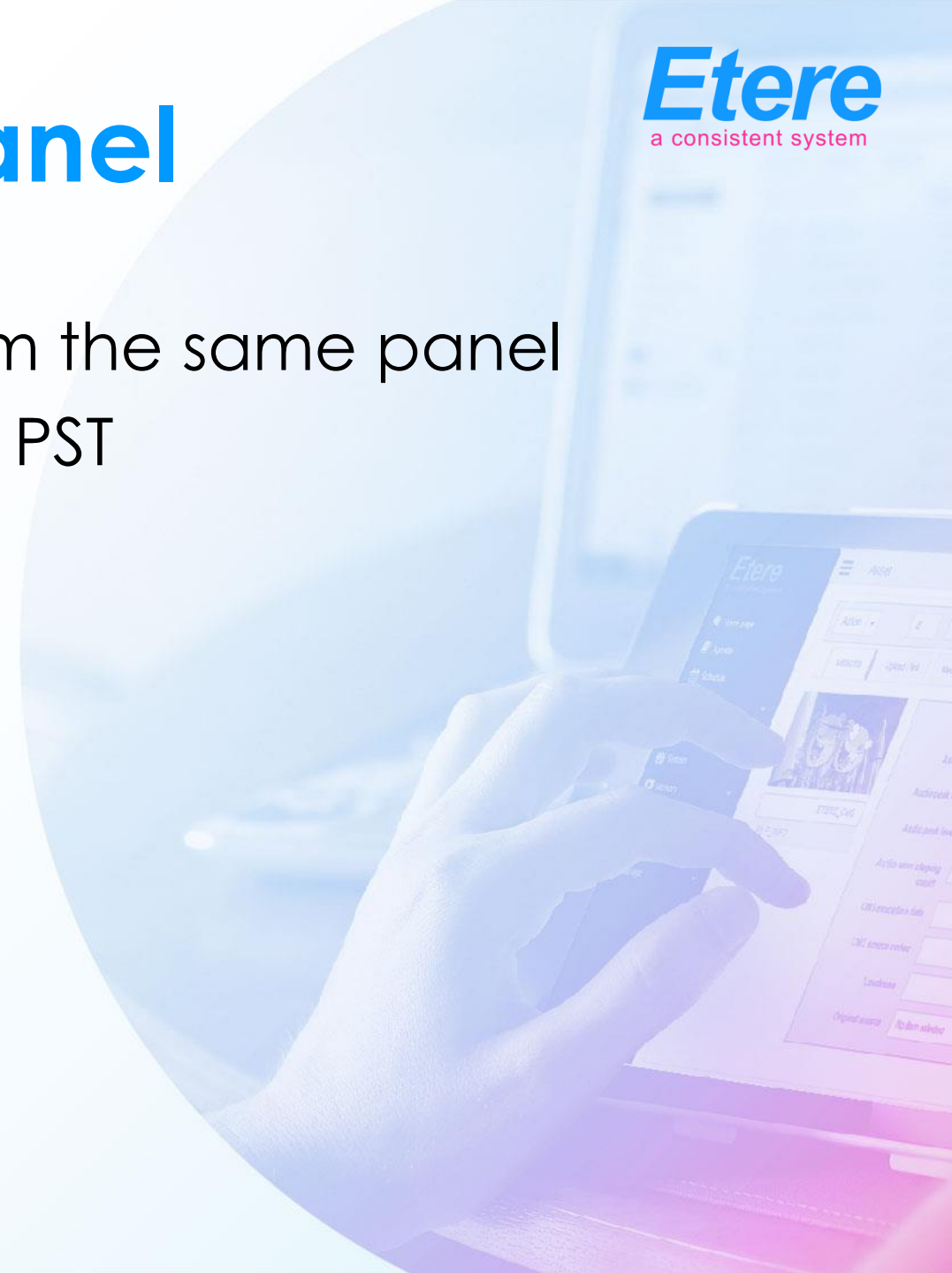


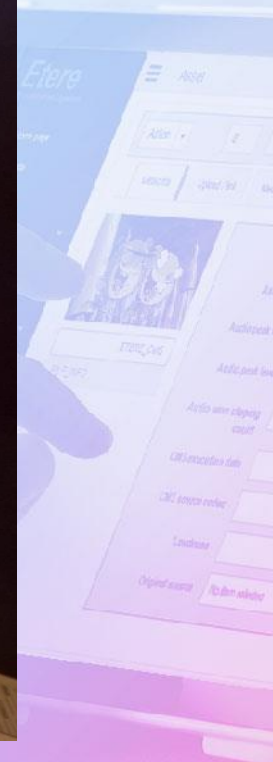
- ETX base allows insertion of all the standard channel graphics
 - Fixed logo Up to 8 layers
 - Animated logo Up to 8 layers
 - Crawls
- Graphics can be imported in any format using Etere interface & distributed to any Playout using Etere Media Manager
- A low-res copy for preview is generated, for 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

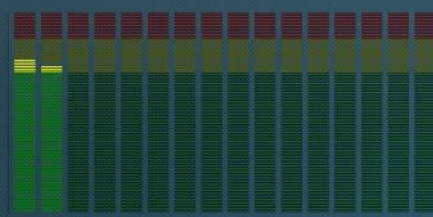
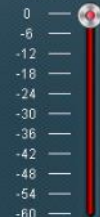


LAYERS CONTROL / PROGRAM

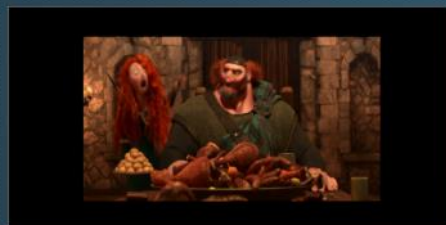
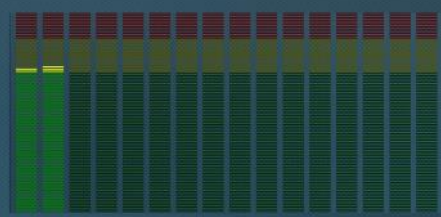
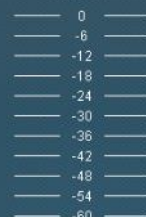


PROGRAM

dBFS



dBFS



PRESET

dBFS



17:22:59

TIMER 00:24:46

RESET

LOGO GALLERY

Choose

PANEL

Kiev

3

4

5

6

SOURCE CONTROL / PRESET



LAYERS CONTROL / PRESET



TRANSITION TYPE / PRESET TO PROGRAM



TRANSITION SPEED



FADE
TO BLACK

AUTOMATION
DISABLE



TAKE

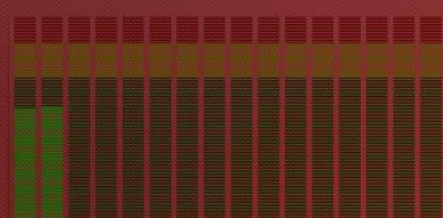
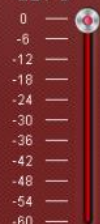
Etere MASTER CONTROL

CHANGE
THEME

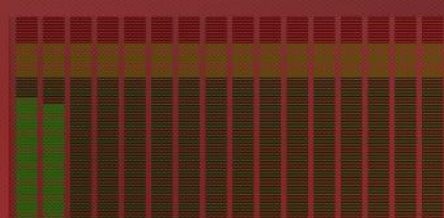
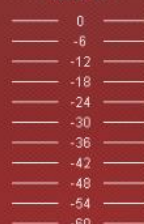
Etere
a consistent system

PROGRAM

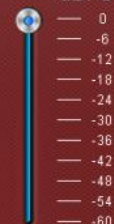
dBFS



dBFS



dBFS



PRESET

17:40:03

TIMER 00:41:50

RESET

LOGO GALLERY

Choose

PANEL

Kiev

3

4

5

6

SOURCE CONTROL / PROGRAM



SOURCE CONTROL / PRESET

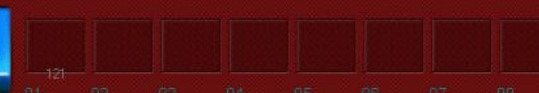


LAYERS CONTROL / PROGRAM



CLEAR
ALL

LAYERS CONTROL / PRESET



CLEAR
ALL

TAKE

TRANSITION TYPE / PRESET TO PROGRAM



TRANSITION SPEED

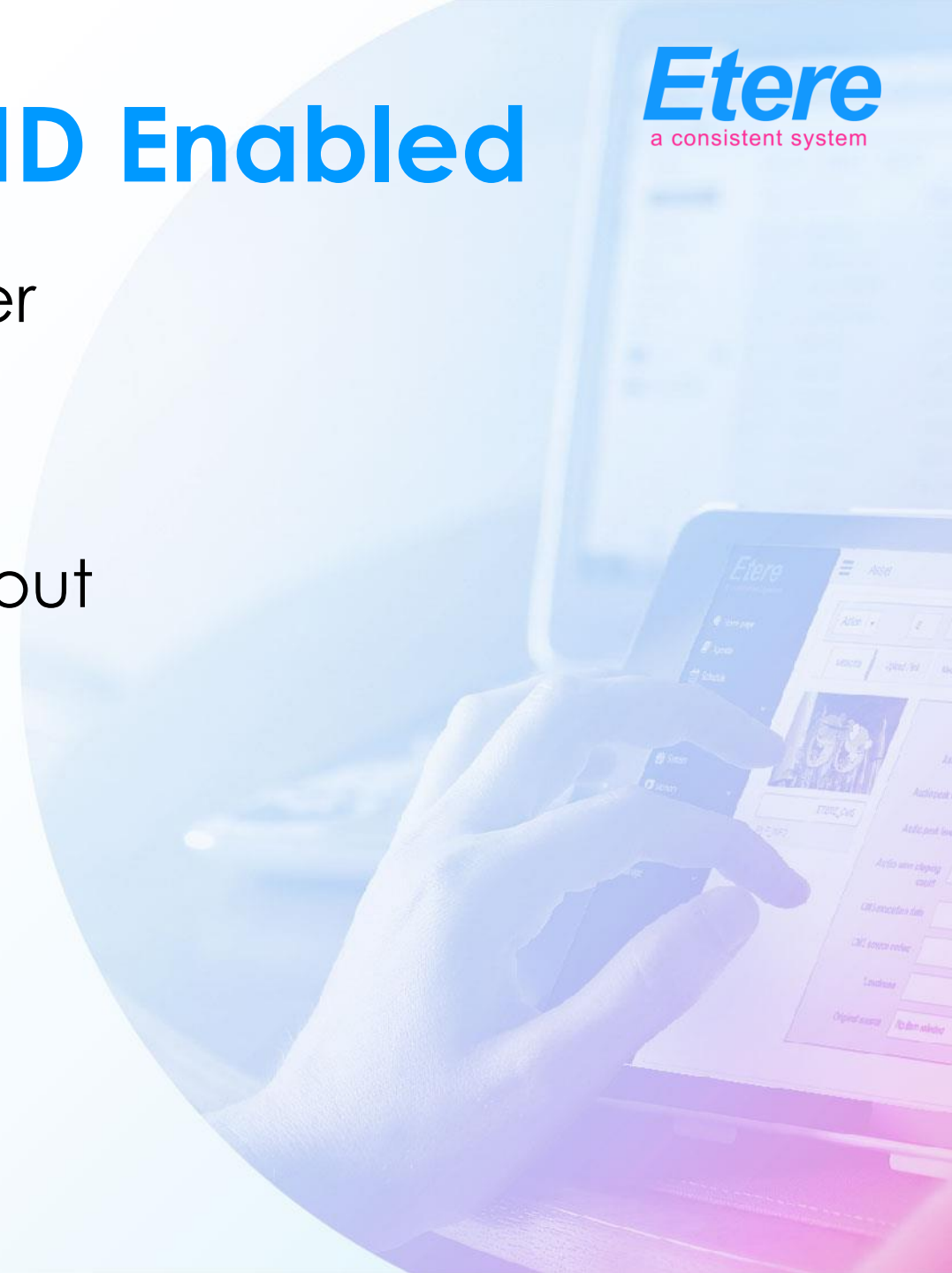


TAKE



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



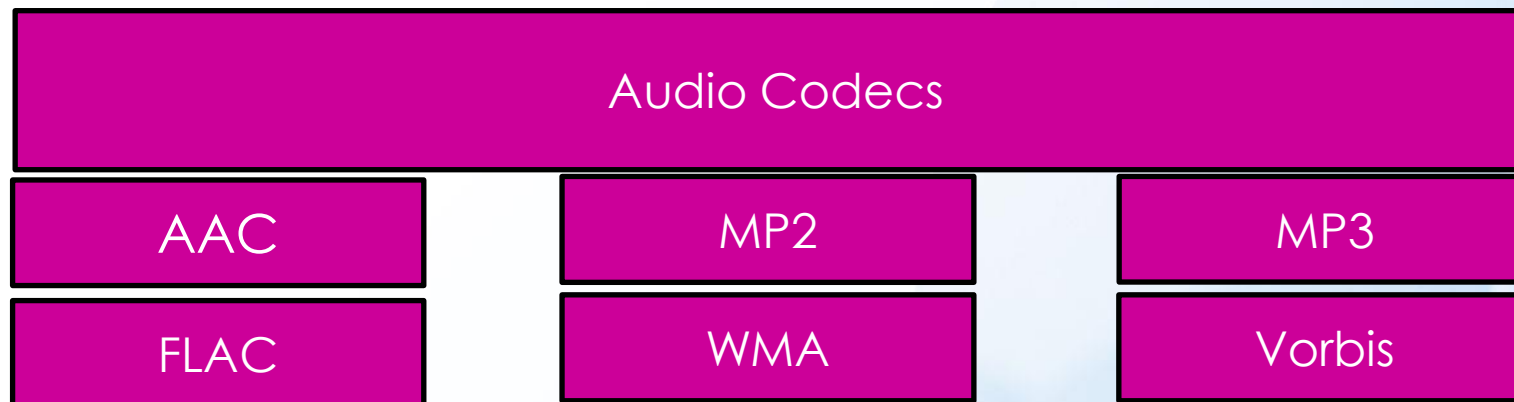
File Formats

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



Etere ETX-M

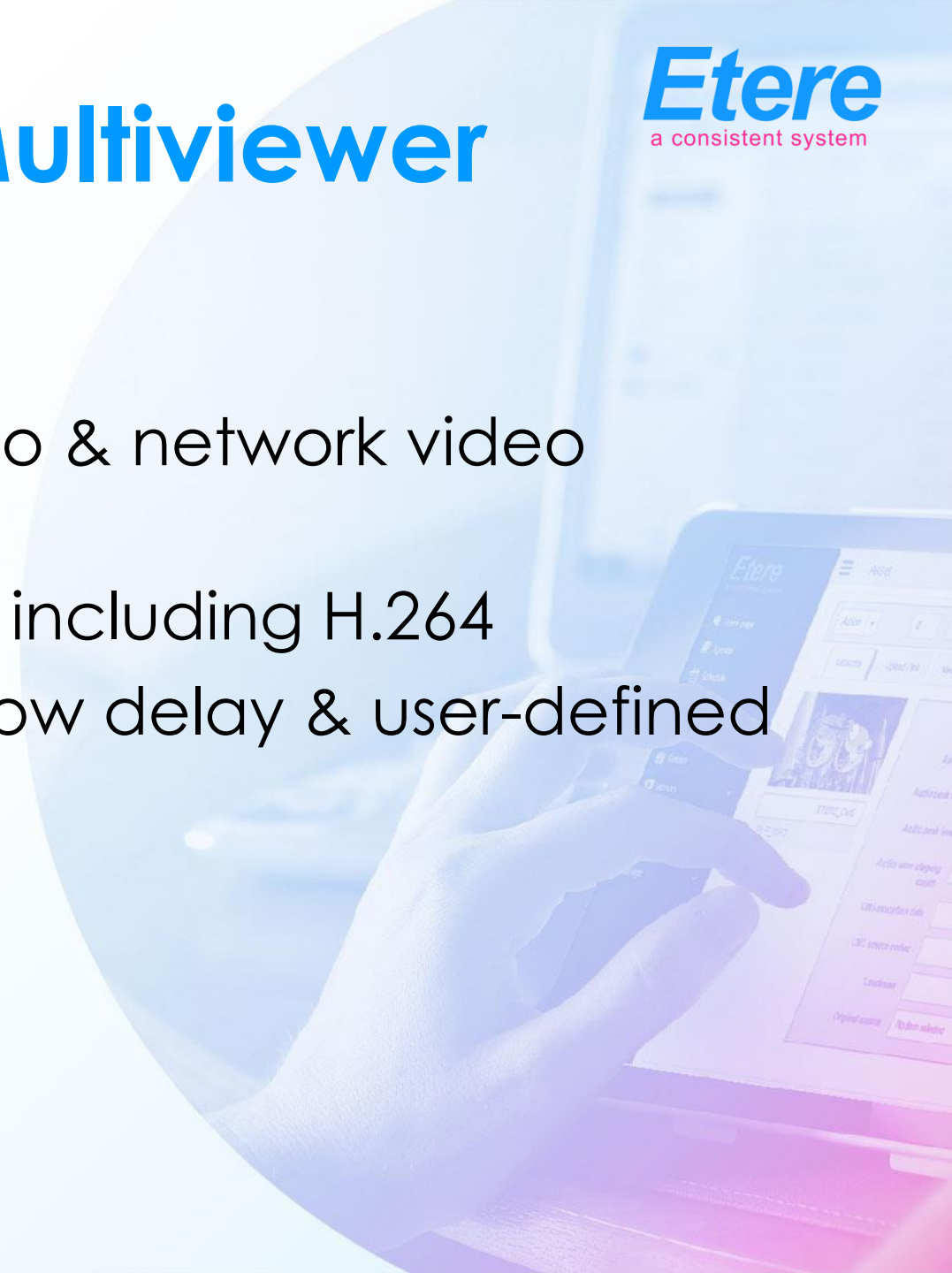
Multiviewer



Etere ETX-M IP Multiviewer

Etere
a consistent system

- Automatic email alerts
- Record simultaneously for live video & network video broadcast
- Compatible with ALL stream types including H.264
- Customizable buffering including low delay & user-defined speeds



Etere
a consistent system

- 
- # Etere
- a consistent system
- ## Work & live broadcast

Loudness Control



SATELLITE

SATELLITE

SATELLITE

SATELLITE

SATELLITE

SATELLITE

SATELLITE

SATELLITE

SATELLITE

SATELLITE

Family Spacing Out VID

00:26:08

Logo Wriggle GFX

00:12:32

Pass

Errors

- 22:18:26 Astronaut Landing
- 18:31:02 Earthling Running
- 17:59:34 News at 6
- 20:20:56 Logo 4 not uploaded
- 20:19:02 Logo 4 can't be streamed
- 19:40:34 Gap in timing sequence

SATELLITE

Couple In Blue Filter VID

00:46:08

Logo Fade In GFX

00:50:32

Pass

Errors

- 15:18:26 Couple in Blue Filter
- 14:21:02 Logo 1 streamed
- 13:40:34 News flash
- 15:20:56 Logo 2 not uploaded
- 15:19:02 Logo 2 can't be streamed
- 13:40:34 Timing sequence incorrect

PROGRAM MN

SATELLITE

SATELLITE

SATELLITE

SATELLITE

SATELLITE

SATELLITE

SATELLITE

SATELLITE

SATELLITE

SATELLITE

SATELLITE

SATELLITE

SATELLITE

SATELLITE

Multi Time Zones Clock

1

11:31:55

Monday, 25 September 2017

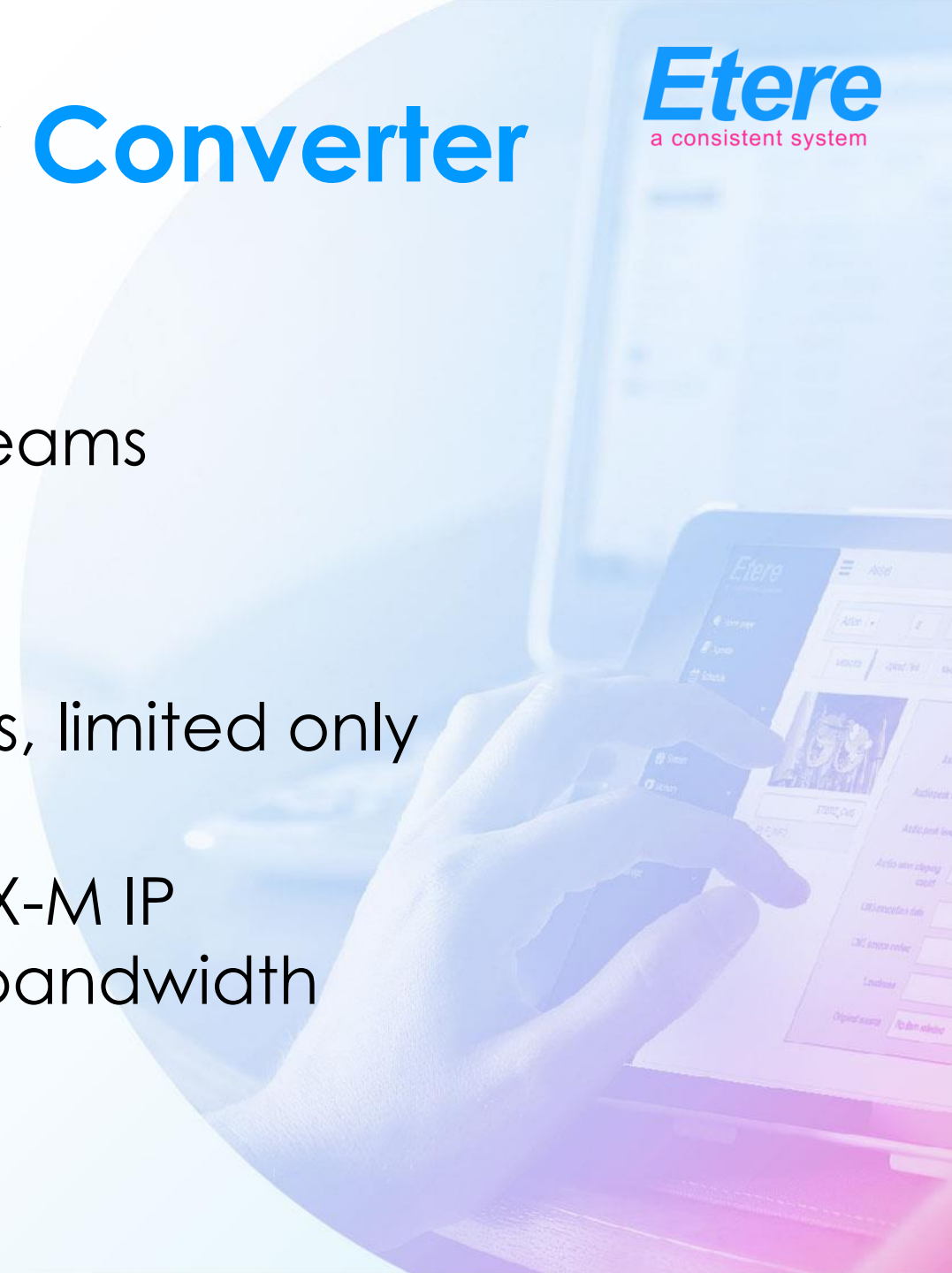
03:31:55

Monday, 25 September 2017



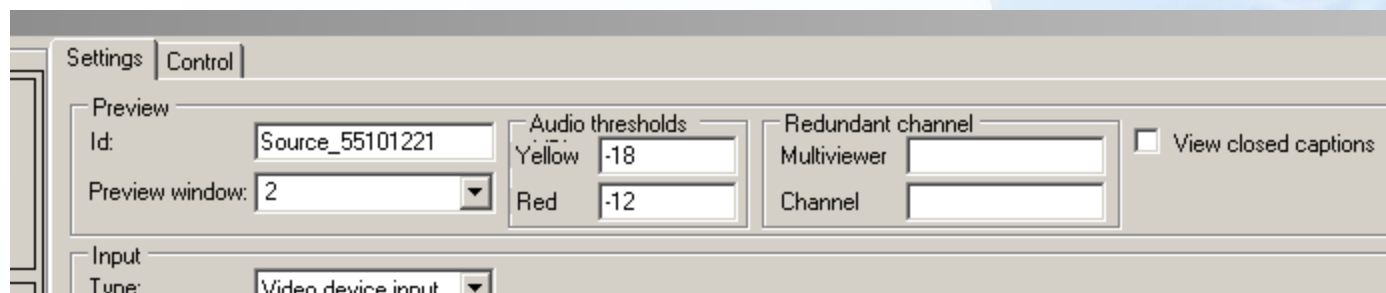
Etere ETX Legacy Converter

- ETX Legacy Converter
- Converts SDI in & SDI out in NDI streams
- Converts IP in out to NDI streams
 - Uses UDP/RTP/RTSP/RTMP
- It can easily manage 20+ channels, limited only by the Network interface speed
- Software can be embedded in ETX-M IP Multiviewer to limit connection & bandwidth

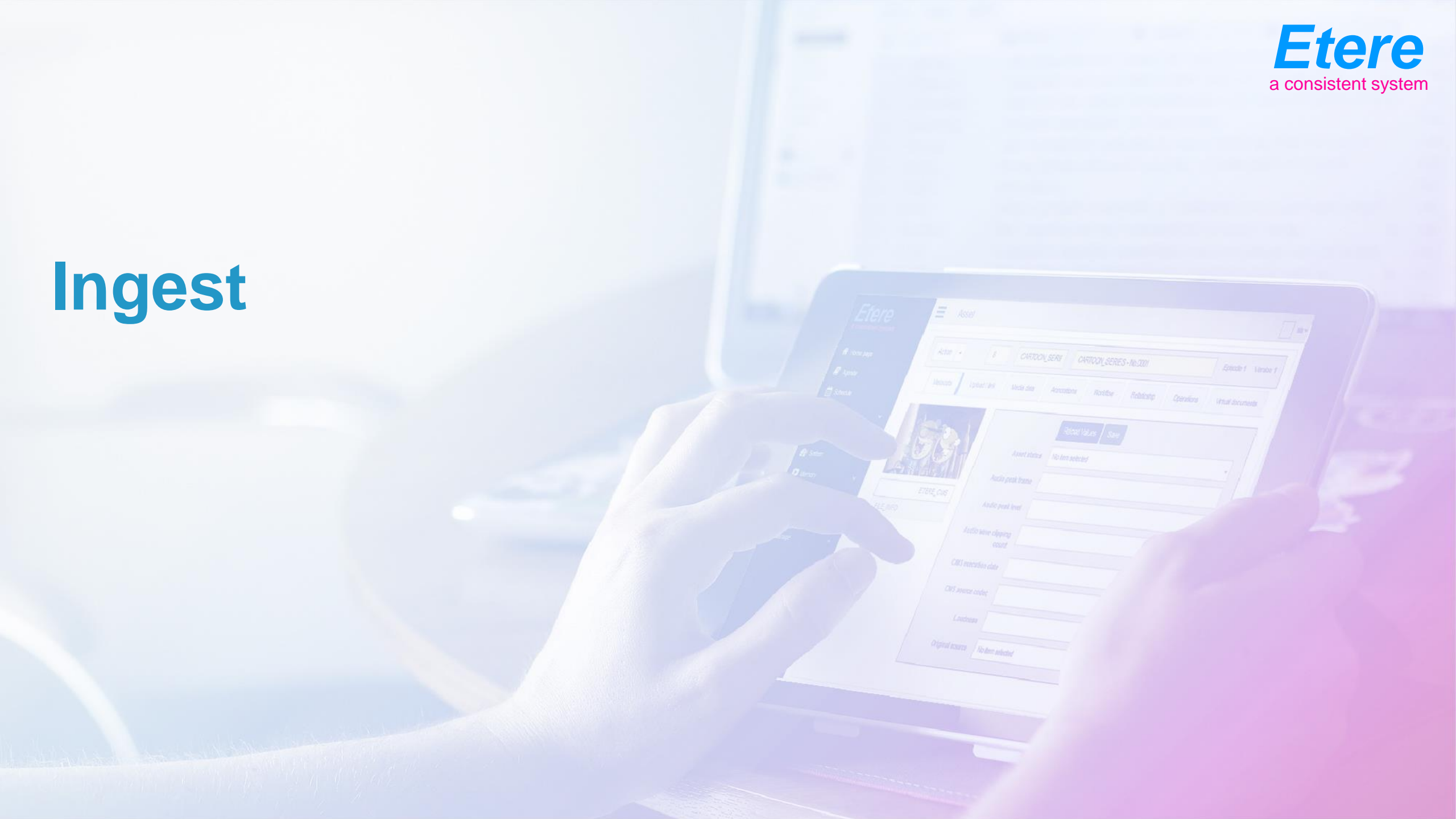


Redundancy and Other Settings

- Etere ETX-M IP Multiviewer allows a main and backup process
- To have an output in any case
- Closed captions preview is inserted automatically
- Audio custom loudness level for alert



Ingest



Crash Recordings

Drag and drop selected resources on sources

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

- Resource tree (left):** A hierarchical tree structure showing the organization of resources. It includes folders for Automation, PC, and various channels (CHANNEL-1, CHANNEL-2, CHANNEL-3, CHANNEL-4). Under PC, there are folders for ETX-01 through ETX-07, each containing sub-folders for CHANNEL-1, CHANNEL-2, and CHANNEL-3. There are also folders for GPIP-01, IN_01-08, OUT_01-08, LOGO-01 through LOGO-07, and LAYER1 through LAYER4 under each LOGO folder.
- Source controls (center-left):** A panel for managing the source. It includes fields for Code (1496), ID (1496), and Description (Holiday Destinations). It also shows the device selected (ETX-04\CHANNEL-2) and the source (ETX-04\CHANNEL-2). There are buttons for Ingesting, Proxy, and Live. A red REC button with the time 00:07:35.14 is visible.
- ETX Preview Main (center-right):** A video preview window showing a woman in a floral top. It includes a volume control slider on the right.
- Segments (bottom-right):** A table listing the segments of the recording. The table has columns for Thru, SOM, EOM, Offset f..., Duration, Description, Type, Linked Asset, and Offset from next segment. The segments are numbered 1 through 5.

Thru...	SOM	EOM	Offset f...	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

Segments Number=6

Operation/Ingest in progress... PAL 29/11/2019 15:33:18

Resource tree

Segments

Live Events

Etere
a consistent system

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

- Left Panel (Metadata):** Contains fields for ID, Code, Title, Types, Scheduling Date (29/11/2019), and Not ingested assets. It also includes a 'Preview' button and a 'Search' 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.
- Center Panel (Preview):** Displays a video preview of the selected asset. A blue box labeled 'Select in and out points' points to the 'SOM' and 'EOM' fields in the 'Description' section above it.
- Right Panel (Blocks):** A table showing the recording schedule with columns for Thru, SOM, EOM, Offset, Duration, and Description. It lists four segments: 1st segment, break, 2nd segment, and 3rd segment. A blue box labeled 'Segments' points to this table.
- Bottom Right Panel (Resources):** Contains fields for Source, Router, and Ingesting... It also shows a 'REC' button and a 'Free space' indicator. A blue box labeled 'Preview and trim while recording' points to the 'Ingesting...' section.
- Bottom Panel (Status):** Displays execution time (00:00:02), Page (1/1), Records (65/65), Sorted by (Title), and Duration (5:25:37.14/5:25:37.14). It also includes buttons for 'View log', 'Save log', and a help icon.

Annotations with blue boxes and lines highlight key features:

- Select in and out points:** Points to the 'SOM' and 'EOM' fields in the 'Description' section.
- Segments:** Points to the 'Blocks' table.
- Preview and trim while recording:** Points to the 'Ingesting...' section.
- 3 Sync Copies at the same time:** Points to the 'Main' section in the 'Resources' panel.

Scheduled Ingest

Planned single ingest

Planned periodic ingest

Planned scheduled live ingest

Completed ingest operations

Scheduled Ingest

Show: ☐ Planned single ingests ☐ Planned periodical ingests ☐ Planned scheduled-Live ingests ☐ Completed ingest operations

Channel: 5 ☐ Available channels

From: 01/01/2020 Date

View

	station	date	time	duration	code	description	destination	status
1	1	14/07/2020	00:00:00.00	00:00:00.00	J153101NE	Fiji Island	5	

Station Date Time Duration Code

Single recording

Status

Type

Code

Description

Linked asset

REC with TCIN

Ingest start

Destination

Start / Stop

GPI Type

Single Recording

Status: S
Type: S
Code: 1035
Description: Fiji Island
Linked asset: J153101NE
REC with TCIN: ☐

Ingest start
Date: 14/07/2020 Time: 00:00:20.00 Duration: 00:10:50.00

Destination
Channel: 5 Router resources Input channel main

Source
Router Resource: C-01 Input channel (Main): 5

Start / Stop
Start: GPI GPI start Number: 4
Stop: TIMED

GPI Type: ☐ ☐ ☐ ☐

GPI start number

Save

Multichannel Ingest

Etere
a consistent system

Create MAM Entry

Video preview

Ingest preview control

File ingest

The interface is titled "Etere Multichannel Ingest" and is divided into three main vertical sections, each representing a different channel of ingestion and preview.

Channel 1 (Left):

- Insert Metadata:** Fields for Code, Title, and Type. Buttons for "Select / Drop Files", "Configuration", "Video Preview", and "Select Video".
- Search Metadata:** A search bar and a "Search" button.
- Transfer Status:** "TRANSFER 0%" and a "Create" button.
- Video Code:** A green bar indicating the video code.
- Preview Controls:** "Mark In" (00:00:00:00), "Mark Out" (00:00:00:00), and a "Jog" knob.
- Configuration:** Fields for Metadvice, Destination, Output Type, and Input Type. Buttons for "Select / Drop Files", "Configuration", "Video Preview", and "Select Video".
- Transfer Status:** "TRANSFER 0%" and an "Apply" button.
- Video Code:** A green bar indicating the video code.
- Preview Controls:** "Mark In" (00:00:00:00), "Mark Out" (00:00:00:00), and a "Jog" knob.

Channel 2 (Middle):

- Insert Metadata:** Fields for ID, Code, Title, and Type. Buttons for "Select / Drop Files", "Configuration", "Video Preview", and "Select Video".
- Search Metadata:** A search bar and a "Search" button.
- Transfer Status:** "TRANSFER 0%" and a "Search" button.
- Video Code:** A green bar indicating the video code.
- Preview:** A video preview window showing a triathlete. Below the video, it says "Preview: Triathlon Europe 2020".
- Audio:** A dBFS meter and a "Select / Drop Files" button.
- Transfer Status:** "TIME ELAPSED 00:41:20:35".
- Video Code:** A green bar indicating the video code.
- Preview Controls:** "Mark In" (00:00:00:00), "Mark Out" (00:00:00:00), and a "Jog" knob.

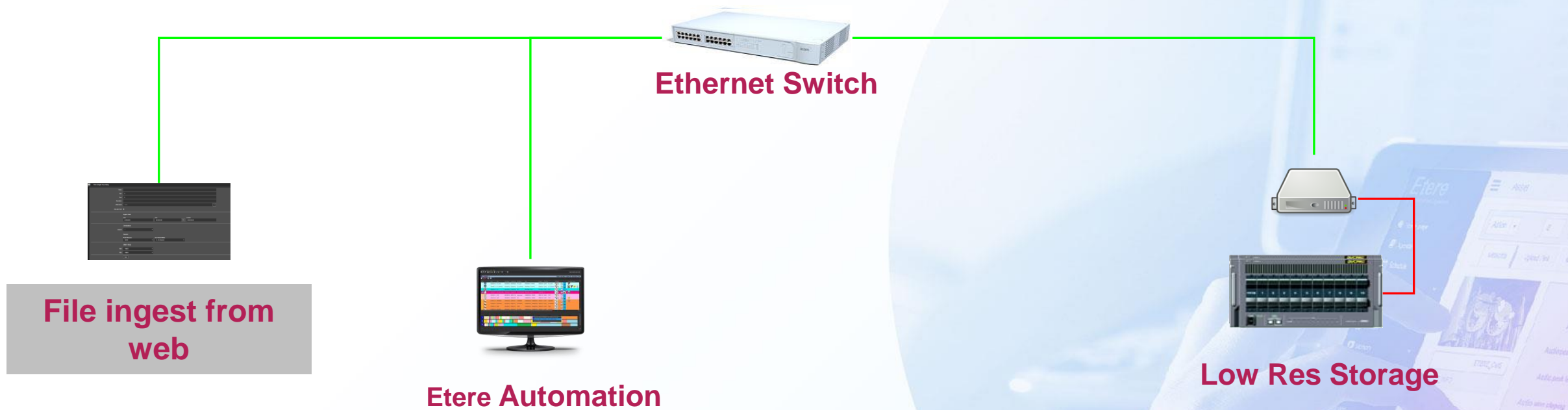
Channel 3 (Right):

- File Ingest:** A large green box with "Add files" and a dashed box with "Drop files here". Buttons for "Select / Drop Files", "Configuration", "Video Preview", and "Select Video".
- Transfer Status:** "TRANSFER 0%".
- Video Code:** A green bar indicating the video code.
- Preview Controls:** "Mark In" (00:00:00:00), "Mark Out" (00:00:00:00), and a "Jog" knob.
- Table:** A table with columns: Title, Date, Time, Duration, and Code.
- Transfer Status:** "TIME ELAPSED 01:02:30:15".
- Video Code:** A green bar indicating the video code.
- Preview Controls:** "Mark In" (00:00:00:00), "Mark Out" (00:00:00:00), and a "Jog" knob.

Table Data:

Title	Date	Time	Duration	Code
1 Motor Hola	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 Fuas	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

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


Time check

Clip preview window

Media asset list

Etere Flexible Player

Clip 2 Preview



Transcribed Time

00:02:03:21

Total Time

00:03:28:15

▶


■

✂

New

Re-read

Download



Spaceman Sand

Artist: The Marbles Band

Album: Once in a blue moon

Duration: 00:12:43

Scheduled: 11:52:02

Delay: --



Dresscode

Artist: Ella B

Album: Honey B

Duration: 00:12:43

Scheduled: 11:55:48

Delay: --



Noisy

Artist: BTM

Album: Noisy

Duration: 00:12:43

Scheduled: 11:52:02

Delay: --



Talk


Artist: Goldplay

Album: X & Y

Duration: 00:12:43

Scheduled: 11:55:48

Delay: --



Starlight

Artist: Muse

Album: Blackholes & Revelations

Duration: 00:12:43

Scheduled: 11:52:02

Delay: --



Music of World

Artist: Switz

Album: Mountains & Valleys

Duration: 00:12:43

Scheduled: 11:52:02

Delay: --



Ave Maria

Artist: Schubert

Album: The lady of the lake

Duration: 00:12:43

Scheduled: 11:52:02

Delay: --

▶

■

■

Time Clip

00:03:18:55

Current Position

00:03:18:55

Free Space in C:\ETEREDrive

245,888 GB

dBFS

0

-6

-12

-18

-24

-30

-36


-42

-48

-54

-60

STOP



Initialisation Clip to Black

Cancel Cue

Time Now: 15:20:10

Program Duration: 01:25:00:10

Playlist Duration: 00:00:00:00

Save

Check All

Uncheck All

Mode

Repetition

ON

Row	Title	Date	Time	Duration	Code	Description	Timecode In	Timecode Out	Type
1	Spaceman	03/02/2018	15:25:02.16	0000:14.22	106269AUSOPEN	106269AUSOPEN	00:00:14.22	00:01:14.22	
2	Dresscode	03/02/2018	15:25:17.13	0000:29.23	106269AUSOPEN	106269AUSOPEN	00:00:29.23	00:00:59.23	
3	Noise	03/02/2018	15:25:47.11	0000:29.23	106269AUSOPEN	106269AUSOPEN	00:00:29.23	00:01:29.23	
4	Talk	03/02/2018	15:26:17.09	0000:29.23	106269AUSOPEN	106269AUSOPEN	00:00:29.23	00:02:29.23	
5	Starlight	03/02/2018	15:26:47.07	0000:29.23	106269AUSOPEN	106269AUSOPEN	00:00:29.23	00:01:29.23	
6	Nessun Dorma	03/02/2018	15:27:17.05	0000:29.23	106269AUSOPEN	106269AUSOPEN	00:00:29.23	00:03:29.23	
7	Conte Partiro	03/02/2018	15:27:47.03	0000:29.23	106269AUSOPEN	106269AUSOPEN	00:00:29.23	00:01:29.23	
8	Forrest	03/02/2018	15:28:20.01	0000:11.02	106269AUSOPEN	106269AUSOPEN	00:00:11.02	00:02:11.02	
9	Can't See Me	03/02/2018	15:28:40.52	0000:18.17	2337MESSI	2337MESSI	00:00:18.17	00:00:58.17	
10	Sound of Light	03/02/2018	15:29:02.16	0004:07.04	2339CR7	2339CR7	00:04:07.04	00:04:27.04	
11	Music of World	03/02/2018	15:29:17.13	0001:40.23	24498LOREM	24498LOREM	00:01:40.23	00:02:40.23	
12	Ave Maria	03/02/2018	15:29:47.11	0000:16.20	24498LOREM	24498LOREM	00:00:16.20	00:00:56.20	
13	Canon in D	03/02/2018	15:30:17.09	0000:15.30	24498LOREM	24498LOREM	00:00:15.30	00:00:55.30	
14	Raise	03/02/2018	15:30:47.07	0000:23.08	24498LOREM	24498LOREM	00:00:23.08	00:01:23.08	
15	Hot Potato	03/02/2018	15:31:17.05	0001:35.15	24498LOREM	24498LOREM	00:01:35.15	00:01:55.15	
16	Chips and Bibs	03/02/2018	15:31:47.03	0003:29.20	32431IPSUM	32431IPSUM	00:03:29.20	00:03:59.20	


Live feed preview

Upcoming playlist

Inbuilt Ingest

Etere Flexible Player

Etere Monitor



Transcribed Time
00:02:03:21

Total Time
00:03:28:15

Batch Recording

Ingest Etere

Time Code
00:00:00:00

Time Rec Duration
00:00:00:00

Hour
00:09:23:51

Remote

Jog

Free Space in C:\ETEREDrive
245,888 GB

Channel 1

Channel 2

0 Left 0 Right 0 Left 0 Right

Link Mute Link Mute

Time Left
00:00:00:00

Time Remaining
00:00:00:00

Mark In
00:00:00:00

Mark Out
00:00:00:00

Solo

Channel 1 Channel 2 Channel 3 Channel 4

Etere Master Preview

Clip List

Archive ID	File Description	Tape Reel	Movie Dimension	Production Code
	Just horsing around by the beach	03/08/2018	9 MB	5AXLOLLI

Mark In	Mark Out	Temporary File Name	Ingesting Date	Transmission Code
00.00.00.00	00.00.00.00	Etere Ingest_Temp_03-08-2018	03/08/2018 15:20:26	

Clip preview

Live feed preview

Video edit panel

Available video for ingest

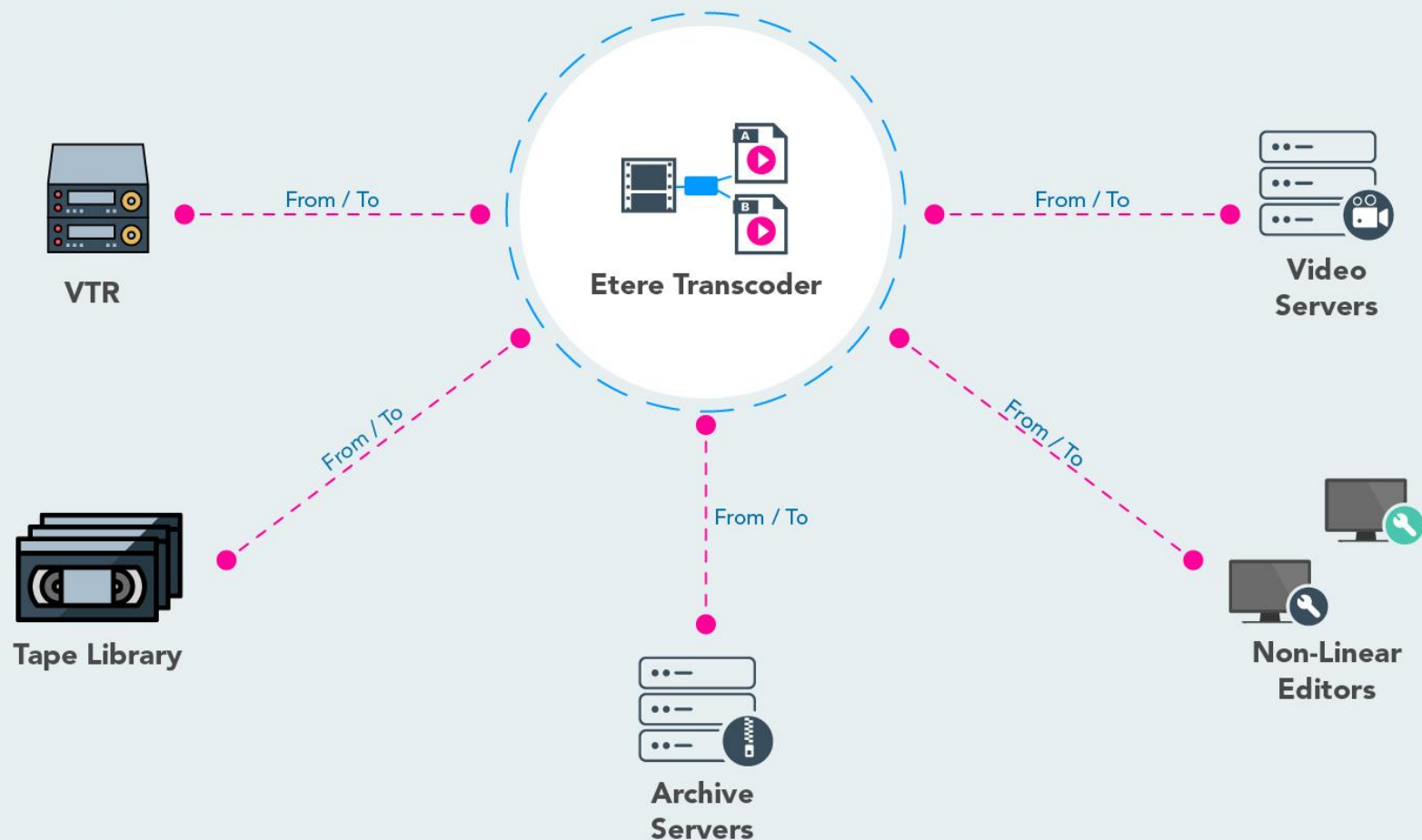
Media Transfers



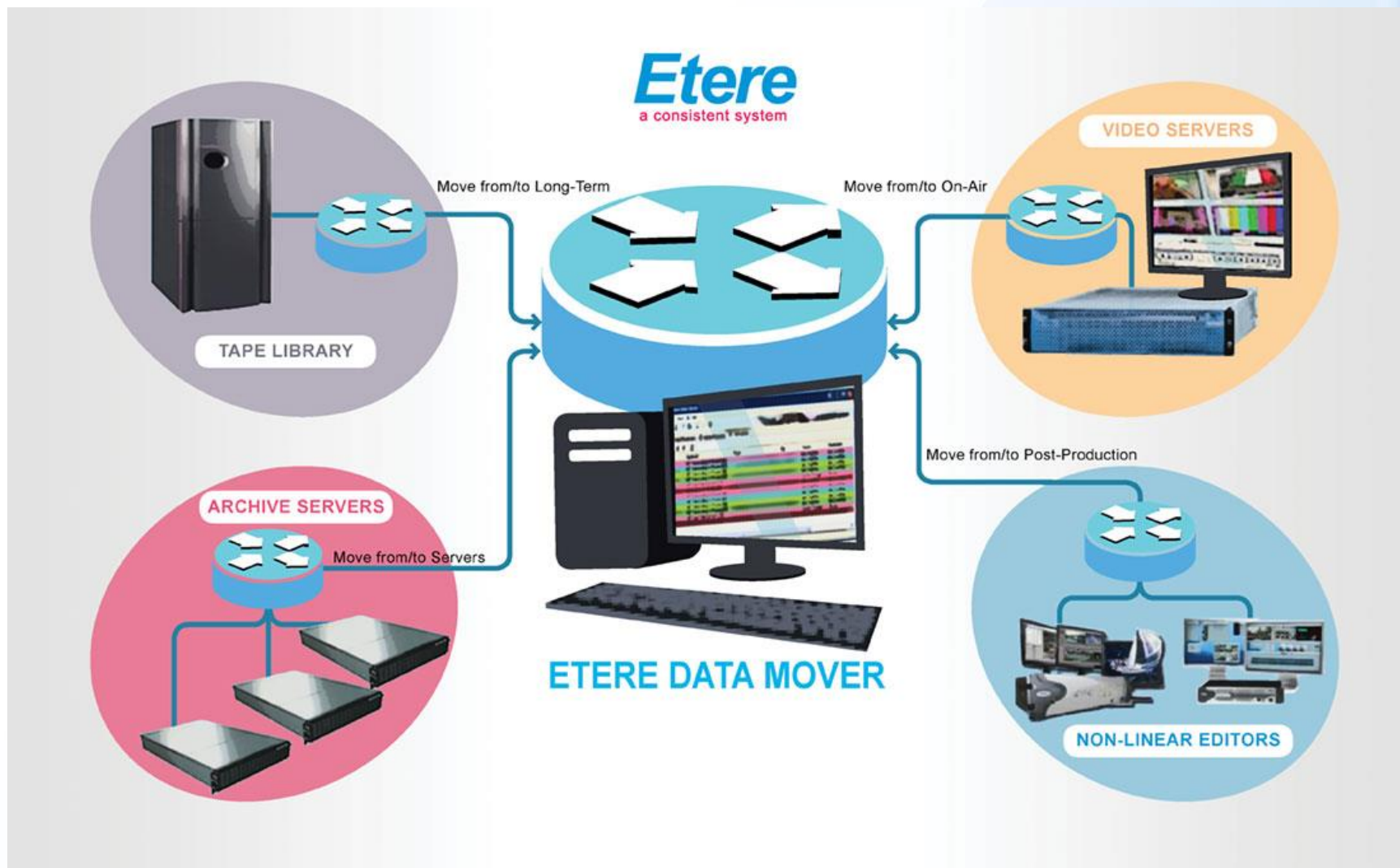
Media Transcoding

Etere
a consistent system

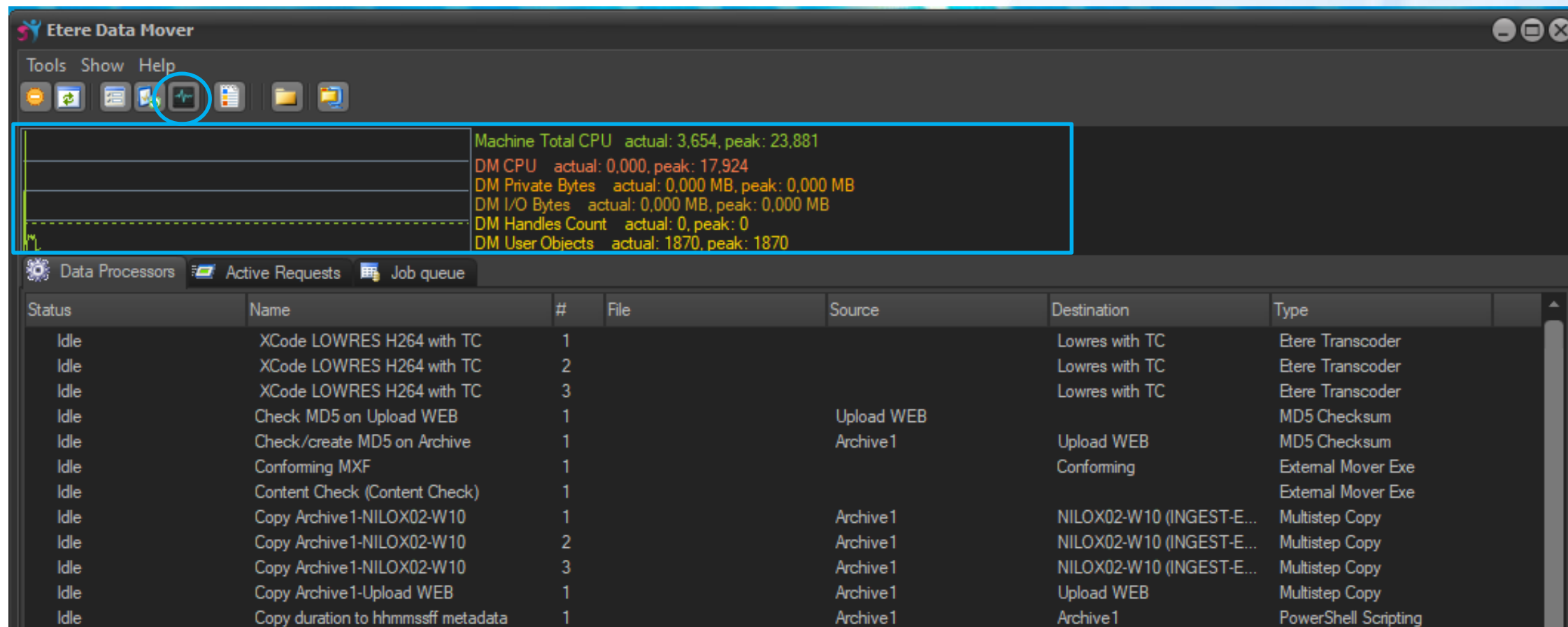
Transcoding Process



Media Moving



Load Balancing



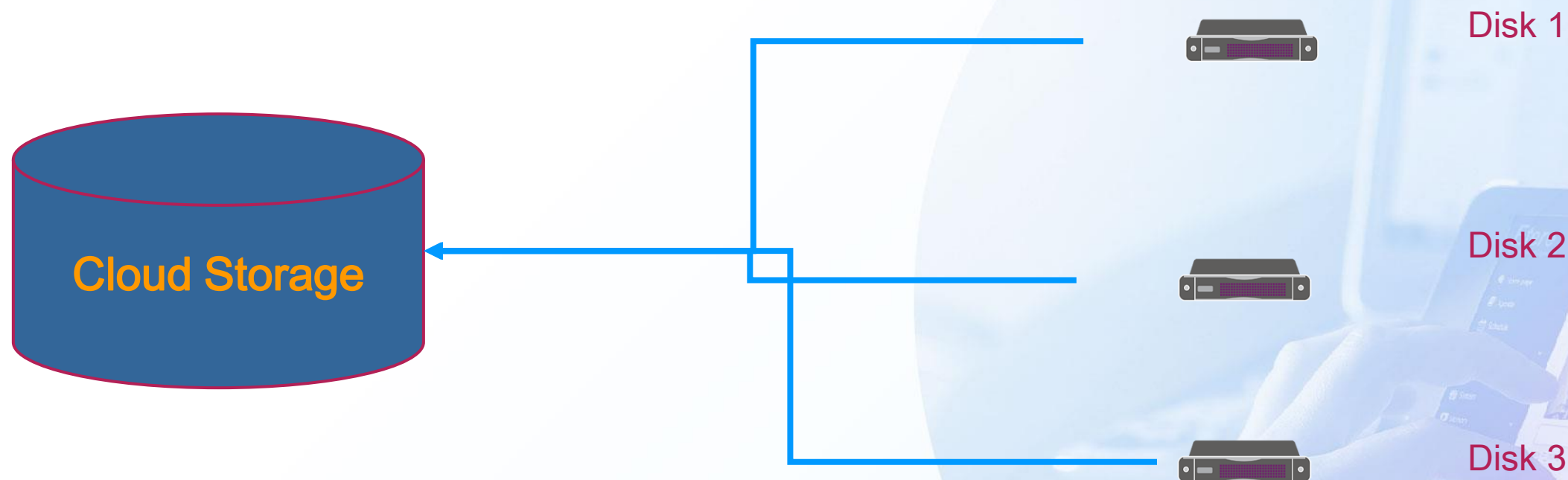
Cloud Management



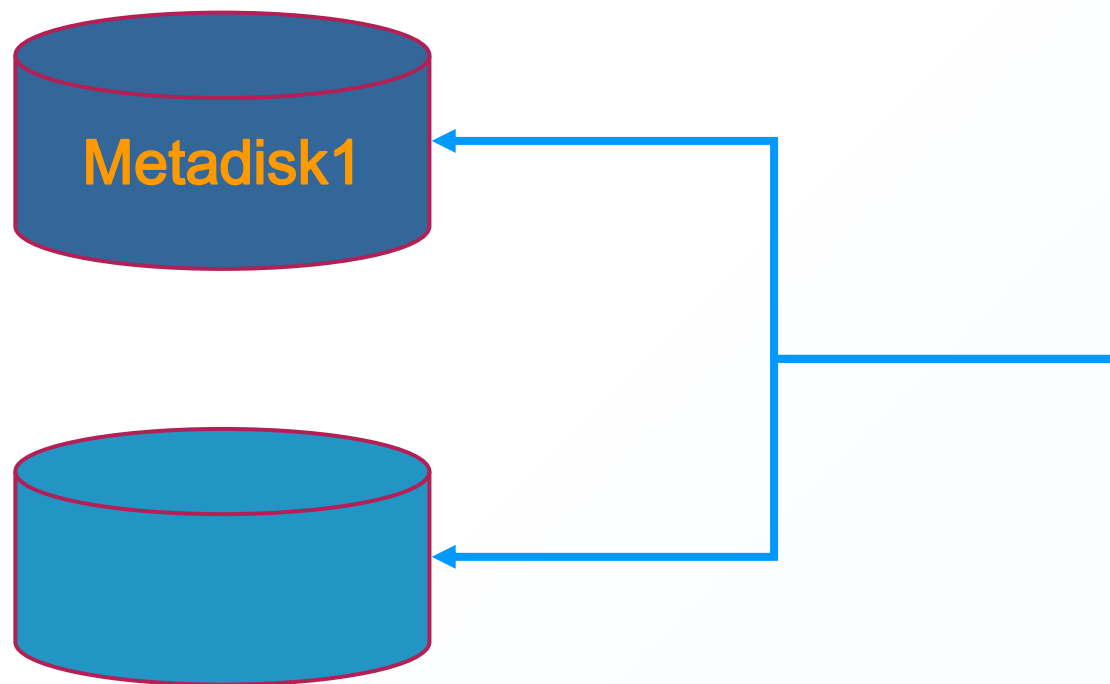
Cloud Media Management

- 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



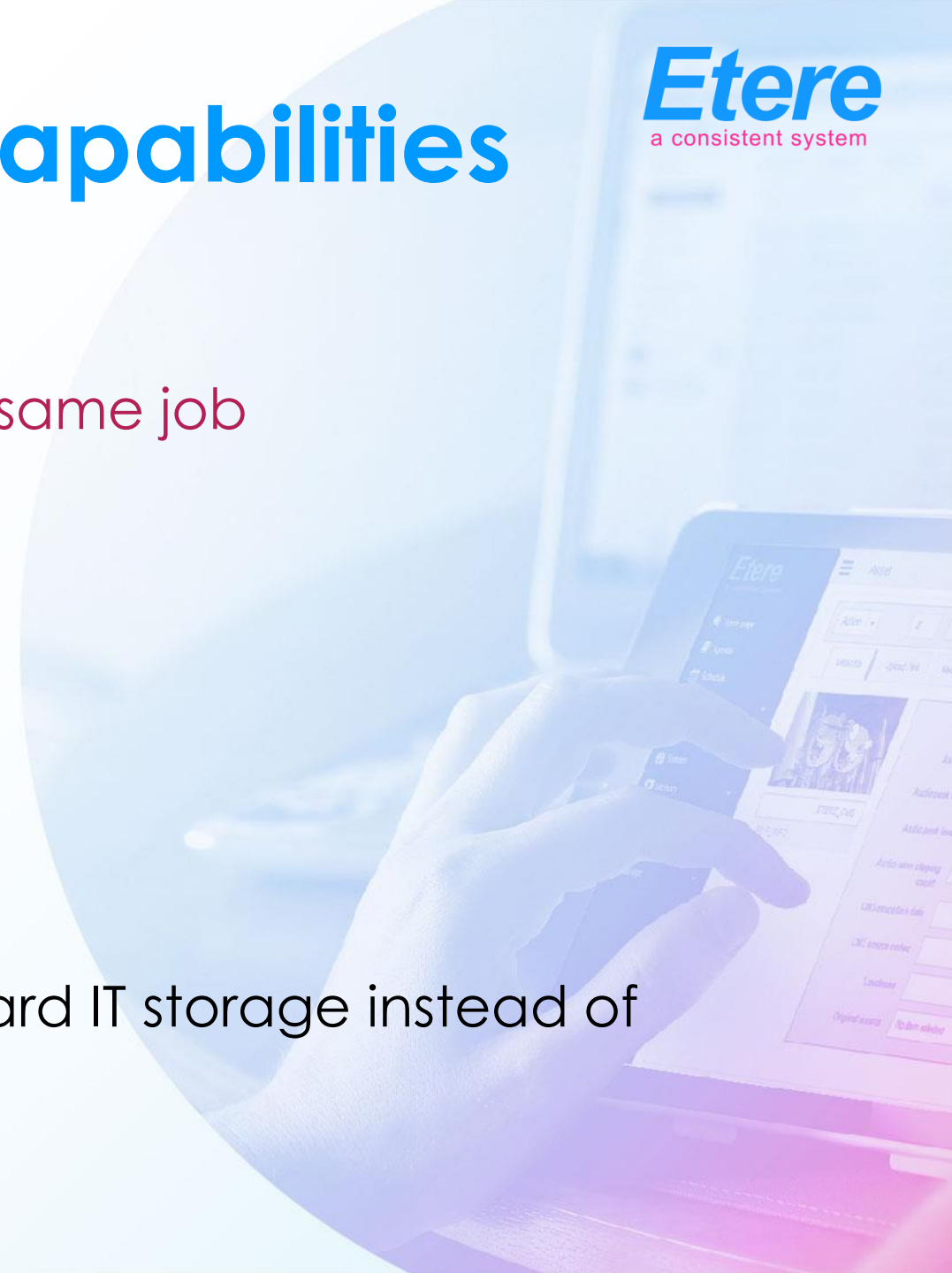
Partition Devices



Disk 1

Cloud Storage Capabilities

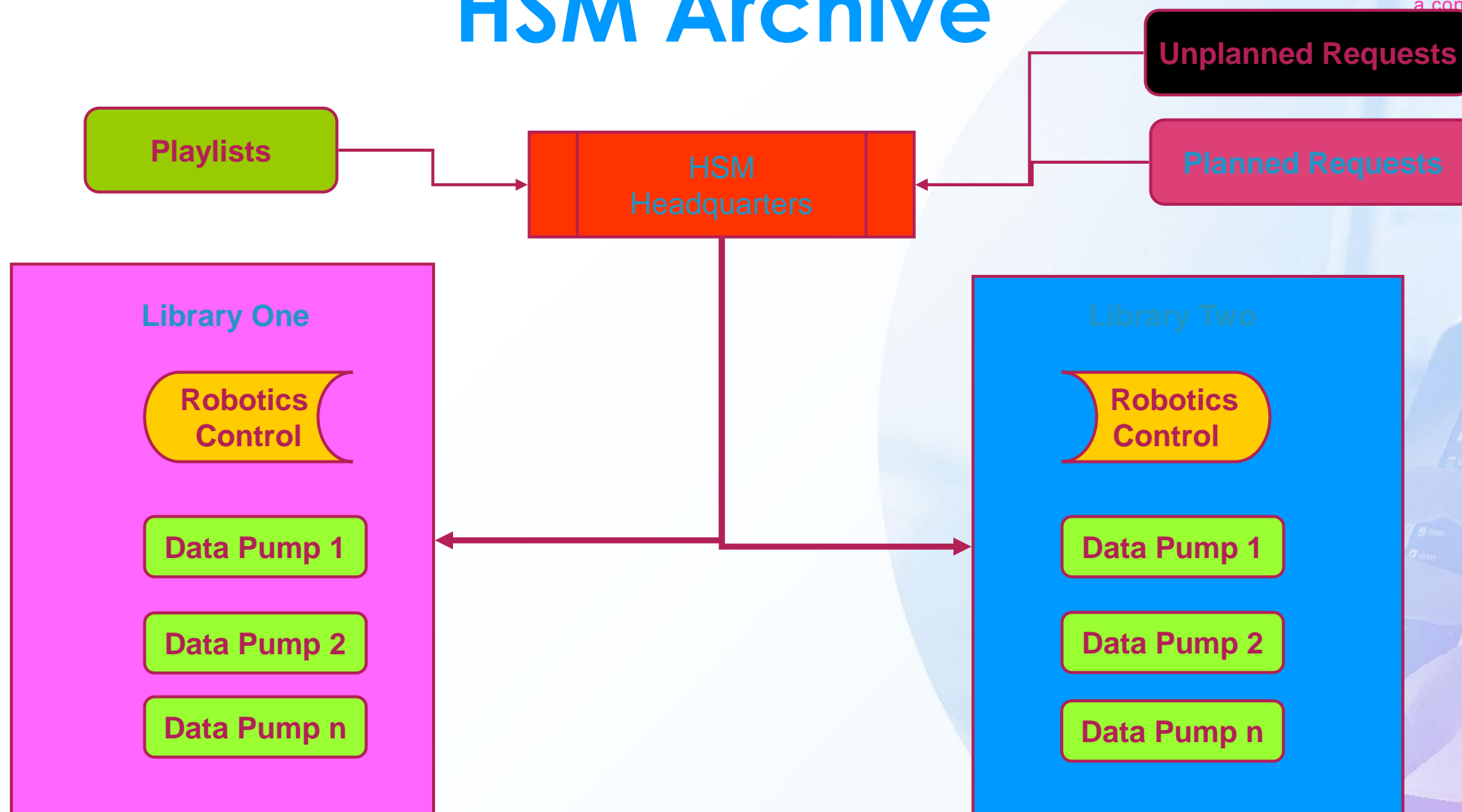
- Load balancing
 - Multiple media managers sharing the same job
- Space aggregation
- Lan and Wan transfer
 - FTP Active
 - FTP Passive
 - FTP Server to Server
 - NTFS-NFS
 - UDP file transfer
- All those features allow you to use standard IT storage instead of special solutions



HSM Archive

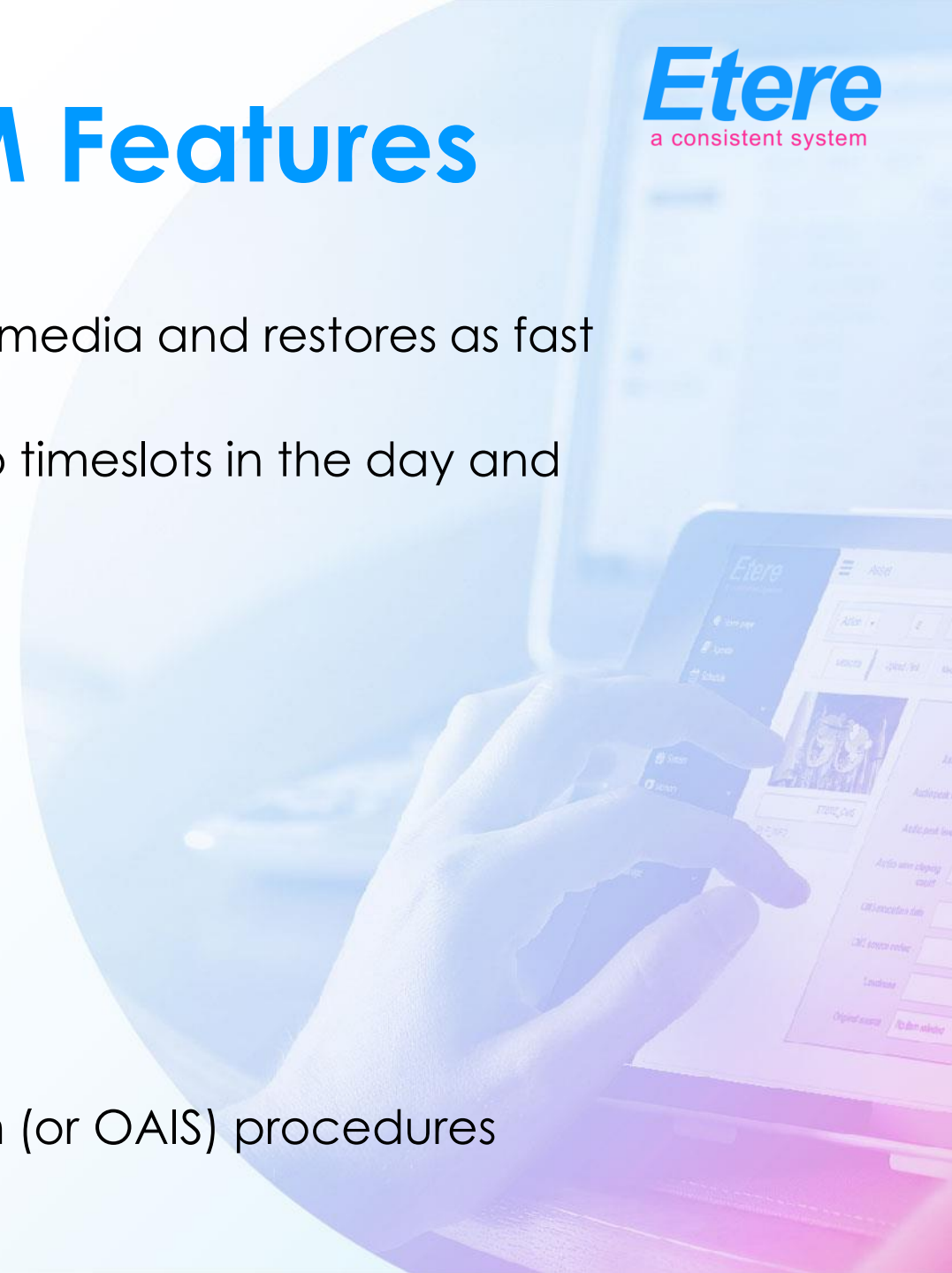
- Etere can offer different technologies for Archiving
 - Sony ODA archive
 - LTO archive
 - Disk archiving using sleeping disks
 - Cloud
- All those solutions are software only customer can choose the hardware that fits better

HSM Archive



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

Browsing



Browsing

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



Enhanced Browsing

The screenshot displays the Etere Executive Editor interface, which is used for managing broadcast schedules. The main window is titled "CHANNEL 1" and shows a "Real schedule, sabato 01 dicembre 2012". The interface includes a top menu bar with options like "Schedule", "Functions", "Edit", "Tools", "AD Insertion", "Air Sales", "Show", and "Help". Below the menu, there are three large digital displays showing time codes: "countdown" (00:22:27.09), "live" (04:08:03.23), and "elapsed" (00:01:09.17). The main area is a table listing programs with columns for Time, Code, Timecode in, Timecode out, Description, Properties, Type, Duration, File name, Aspect, and Secondary Events. A video preview window on the right shows a scene with a man sitting on a bench, with the subtitle "ma non le sue capsule." visible. The interface also includes various control buttons like "STILL", "D-STILL", "SKIP", "RESTART", "Recue", "PROTECT", "CLONE", "LIVE", and "SK2LIVE".

Time code

Logo preview

Subtitles

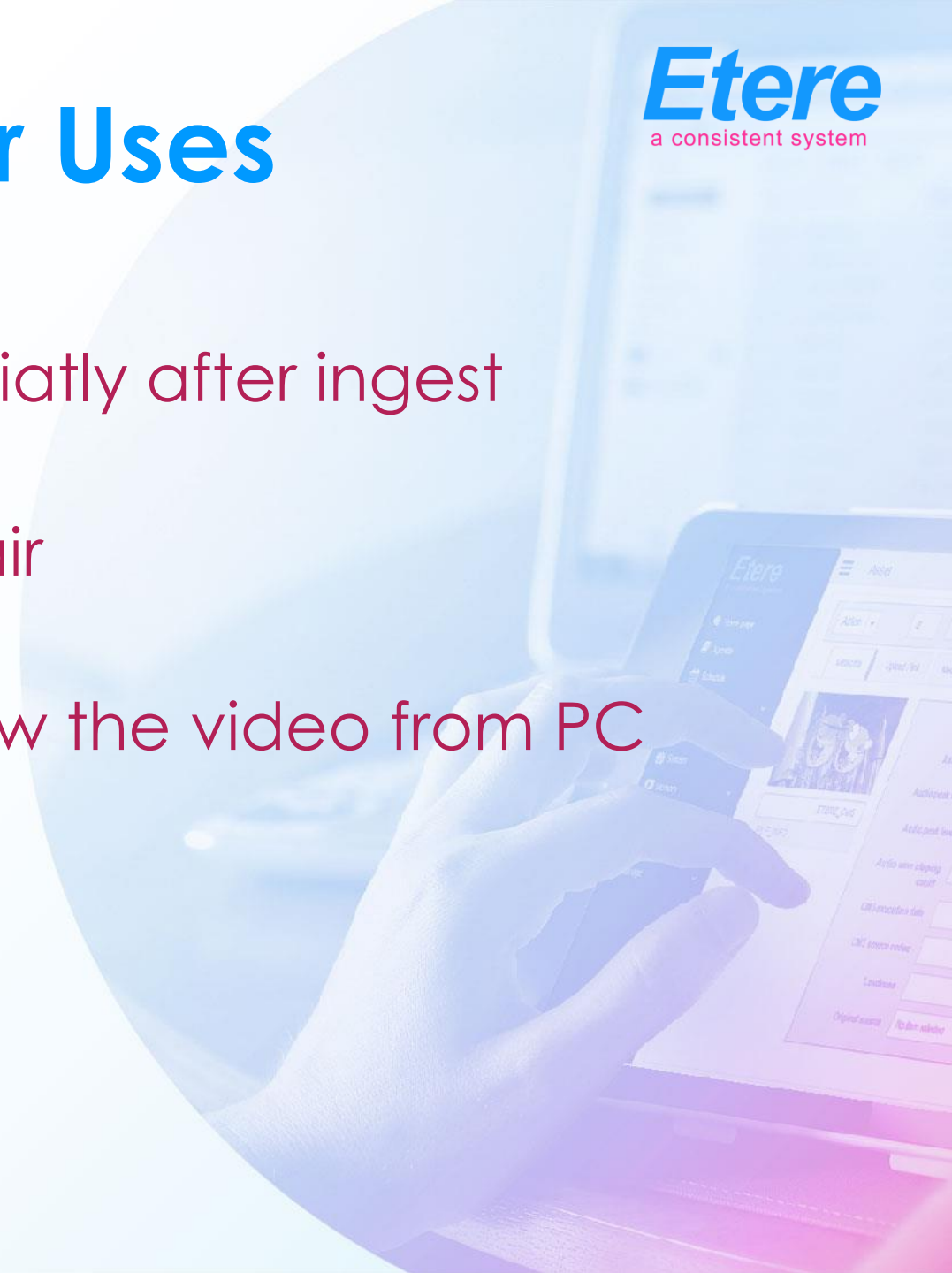
Icons	Time	Code	Timecode in	Timecode out	Description	Properties	Type	Duration	File name	Aspect	Secondary Events
	02:31:43.07	HD_LOL	00:00:00.00	00:01:45.18	HD_LOL	16:9 HD	PROGRAM - TRAILER				
	02:33:29.01	HD_PROJECTX	00:00:00.00	00:02:12.00	HD_PROJECTX	16:9 HD	PROGRAM - TRAILER				
	02:35:41.02	HD_THEWOW	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_MATRIXRELOADE	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 - DOCUMENTAR				
	02:50:00.09	CS05	00:00:00.00	00:02:53.10	boxe	16:9 HD	PROGRAM - DOCUMENTAR				
	02:52:53.20	GCI_109820	00:00:00.00	00:27:00.14	costarica	4:3 LB	PROGRAM - DOCUMENTAR				
	03:19:54.10	GCI_127363	00:00:00.00	00:12:30.20	poker	4:3 LB	PROGRAM - DOCUMENTAR				
	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	00:01:00.10	ETV_AQUA	16:9	PROGRAM - TV MOVIE	0001:00.11	OMTX	ETV_AQUA	SD 16:9

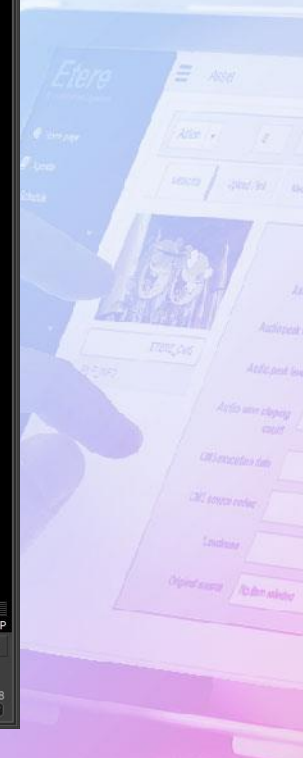
Broadcast Quality Player



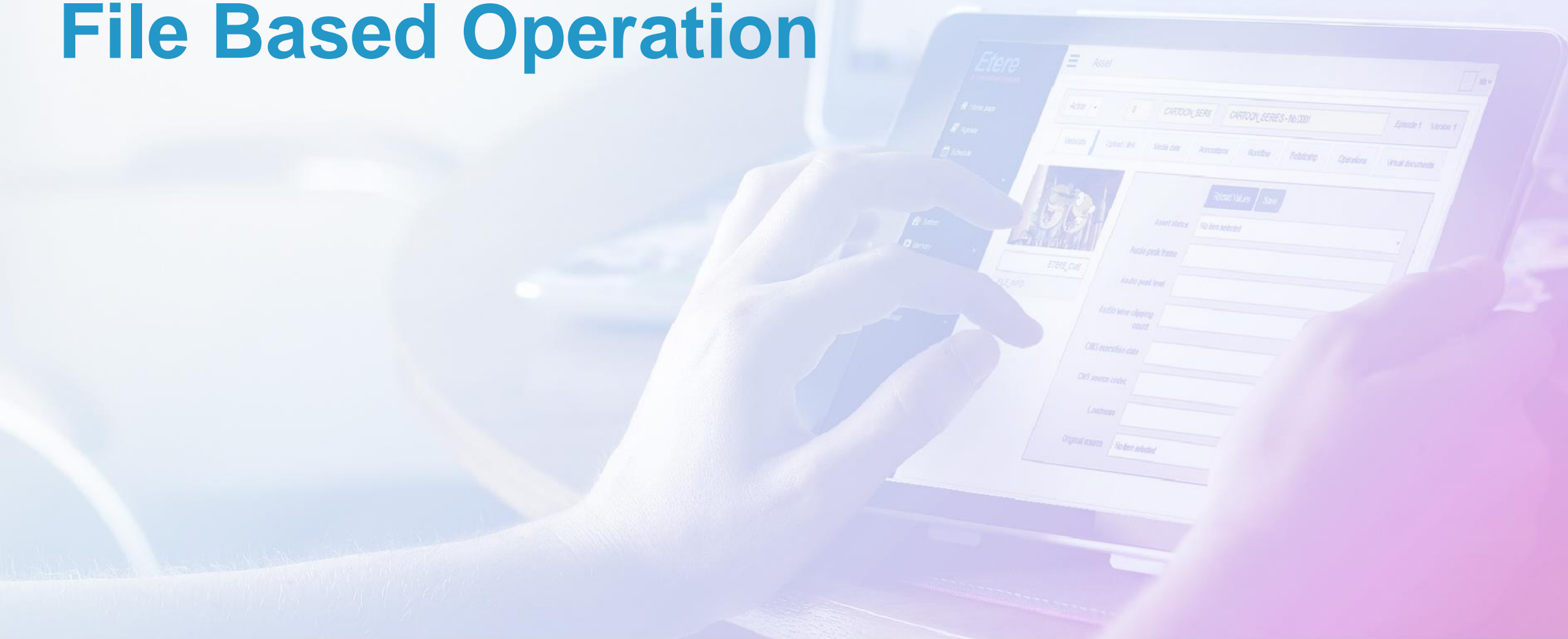
Some Player Uses

- 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





File Based Operation

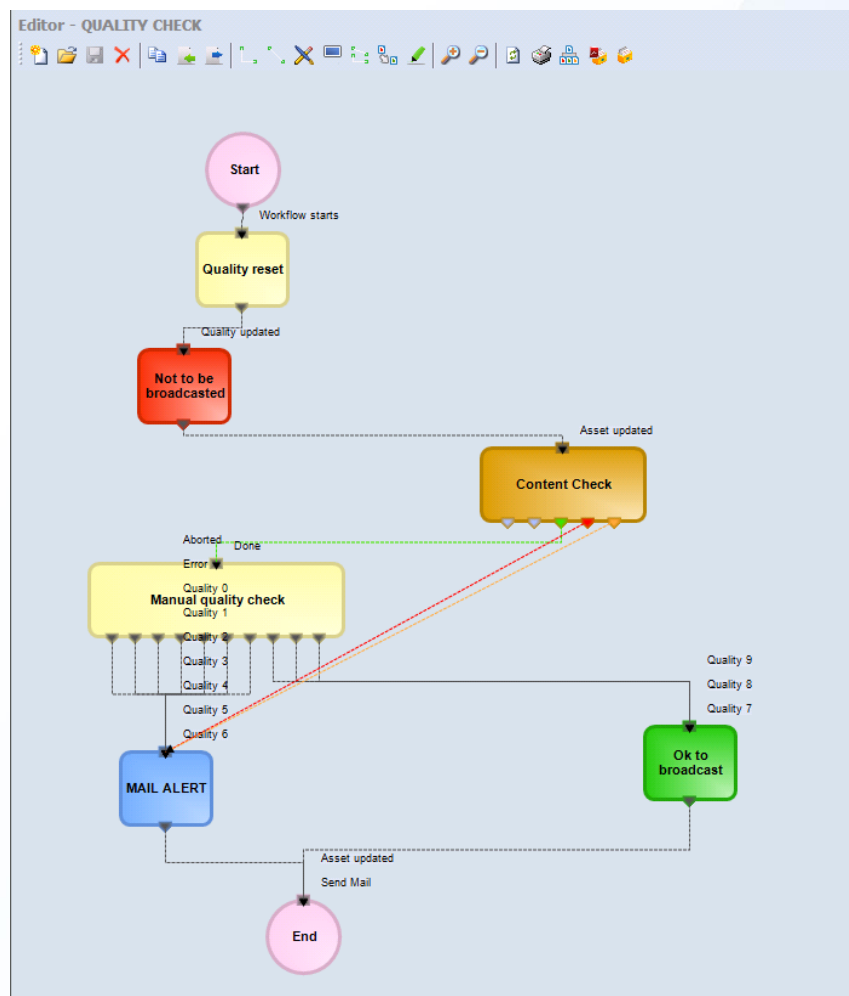


Quality Control

- 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

Full Workflow Driven

WF – Automatic Content Check



Loudness as Metadata

Asset

Action

8930

NEW

8926004

8827

Episode 1

Version 1

Metadata

Upload / link

Import images

Media data

Show images

Annotations

T-Workflow

Relationship


Operations

Virtual documents

Stations

Task

Stories



a consistent system

ETERE_CMS

CUSTOM TEST

SIAE

SIAE CINEMA

Cart Number-OTH

Reload Form Values

Save

Asset status	No item selected
Audio peak frame	3
Audio peak level	4
Audio wave clipping count	4
CMS execution date	15/09/2020 00:07:05
CMS source codec	
Loudness	-23.00
Original source	Asset form

Asset status

Audio peak frame

Asset peak level

Asset wave clipping count

CMS execution date

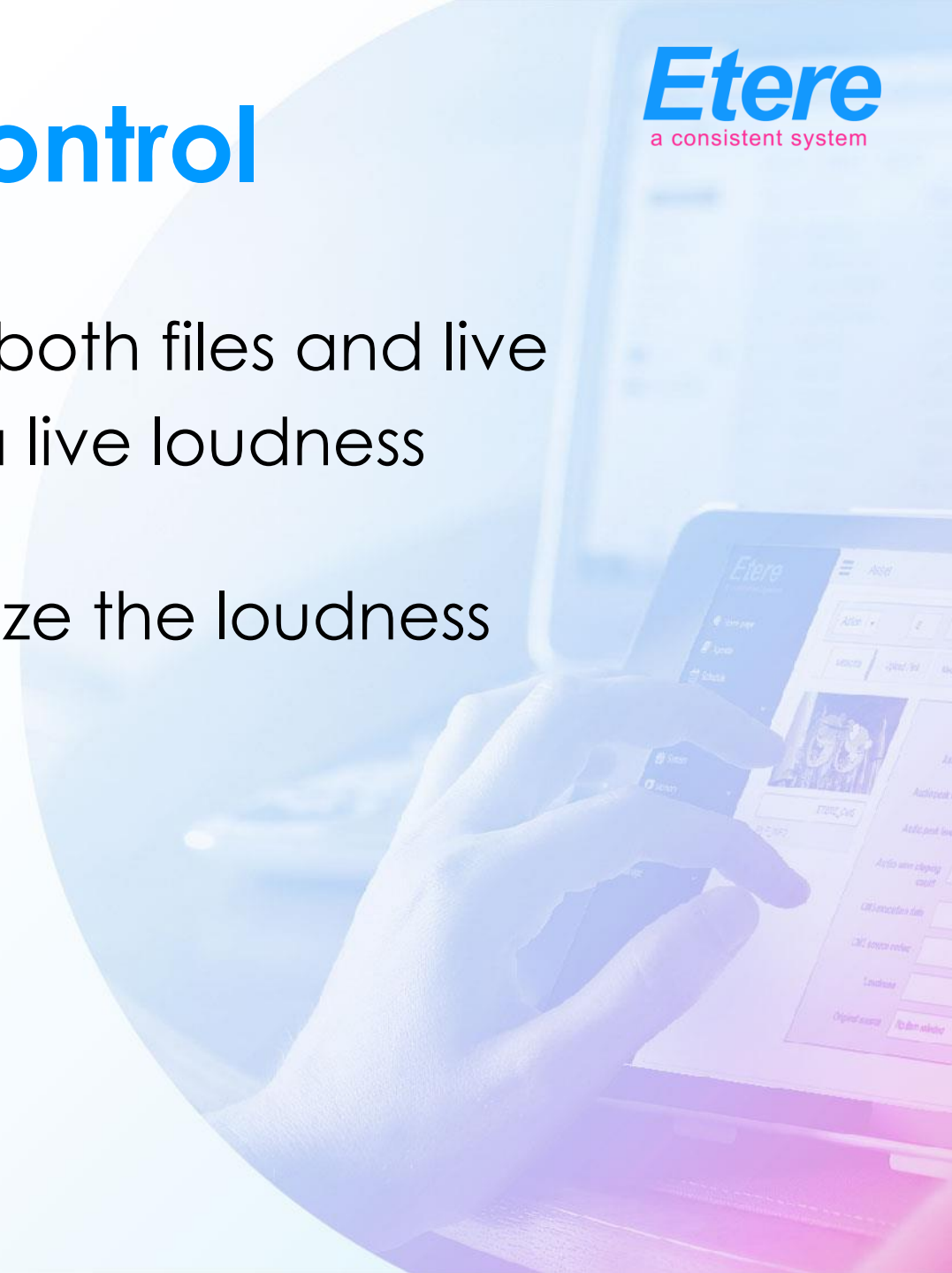
CMS source codec

Loudness

Original source

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

MAM, Media Library

File Tools Show Utilities ?

MAM

ID 48 Code 48 Title Manual_Edit Version 1

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

MXF MPEG2 IBP 422 50 Mb HD

Physical Start Physical End Physical duration
00:00:00:00 00:01:41:01 00:01:41:01

SOM EOM Duration
00:00:00:00 00:01:41:00 00:01:40:22

Sched. Duration
00:01:41:01

1	2	3	4	5	6	7	8	9	Sched. Duration
1	2	3	4	5	6	7	8	9	00:01:41:01

Thru...	SOM	EOM	Δ	Offset f...	Duration	Description	Type	Linked Asset
1	00:00:30:00	00:00:30:00	00:00:30:00	00:00:00:01	Scene Change			
2	00:00:31:00	00:00:31:01	00:00:01:00	00:00:00:02	Video Freeze			
3	00:00:45:00	00:00:45:01	00:00:13:24	00:00:00:02	Video Freeze 2			
4	00:01:00:00	00:01:00:00	00:00:14:24	00:00:00:01	Scene Change 2			

Media List

MXF MPEG2 IBP 422 50 1 efx MXF MPEG2 IBP 422 50 2 efx H264 MXF MPEG2 IBP 422 50

Téléchargez l'application LOXAM sur iPhone

00:00:05,00

PAL Position: 125 117

Shuttle 0,00

Segments Number=4

EPMP

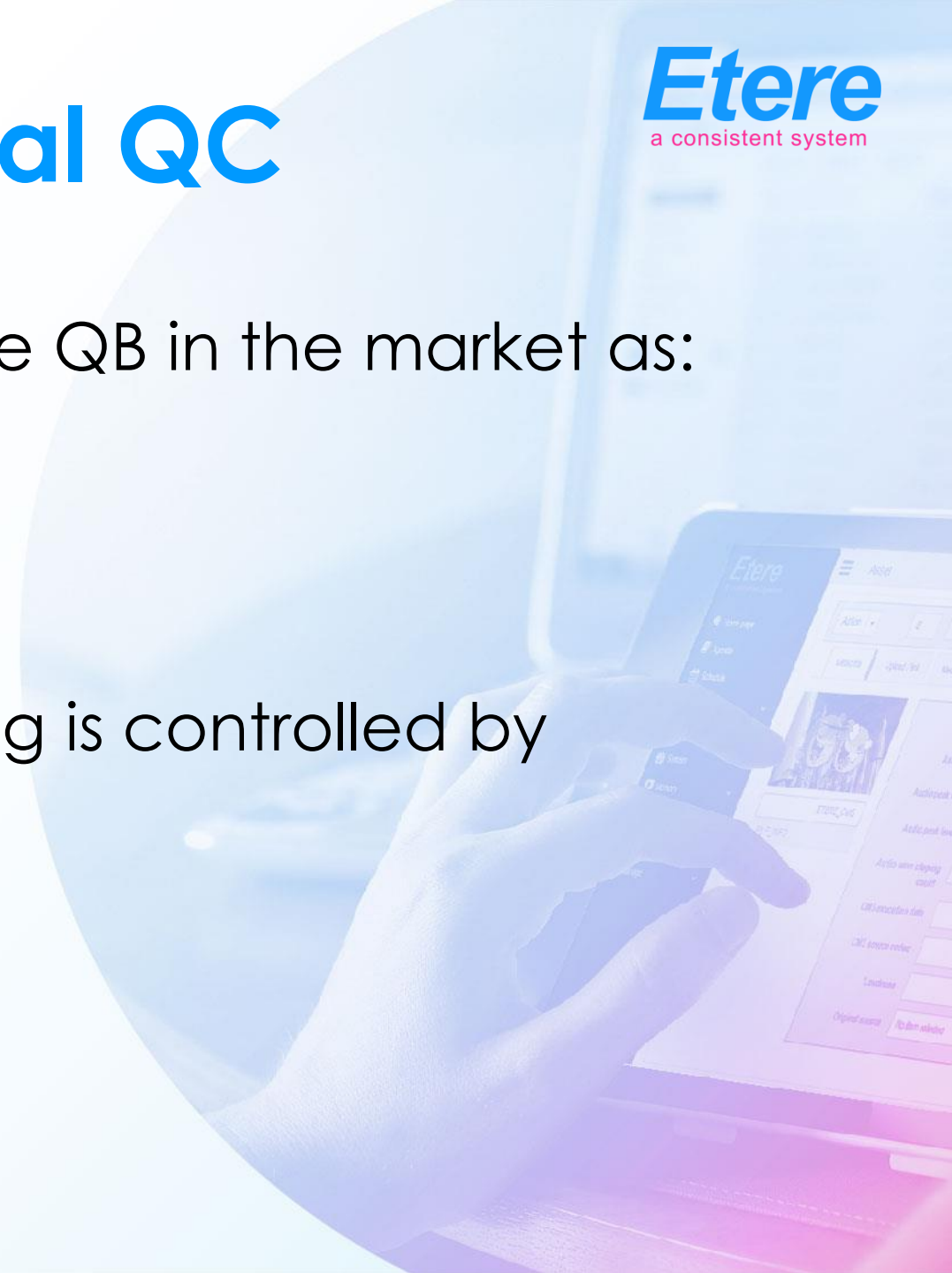
Preview

QC results and timecode

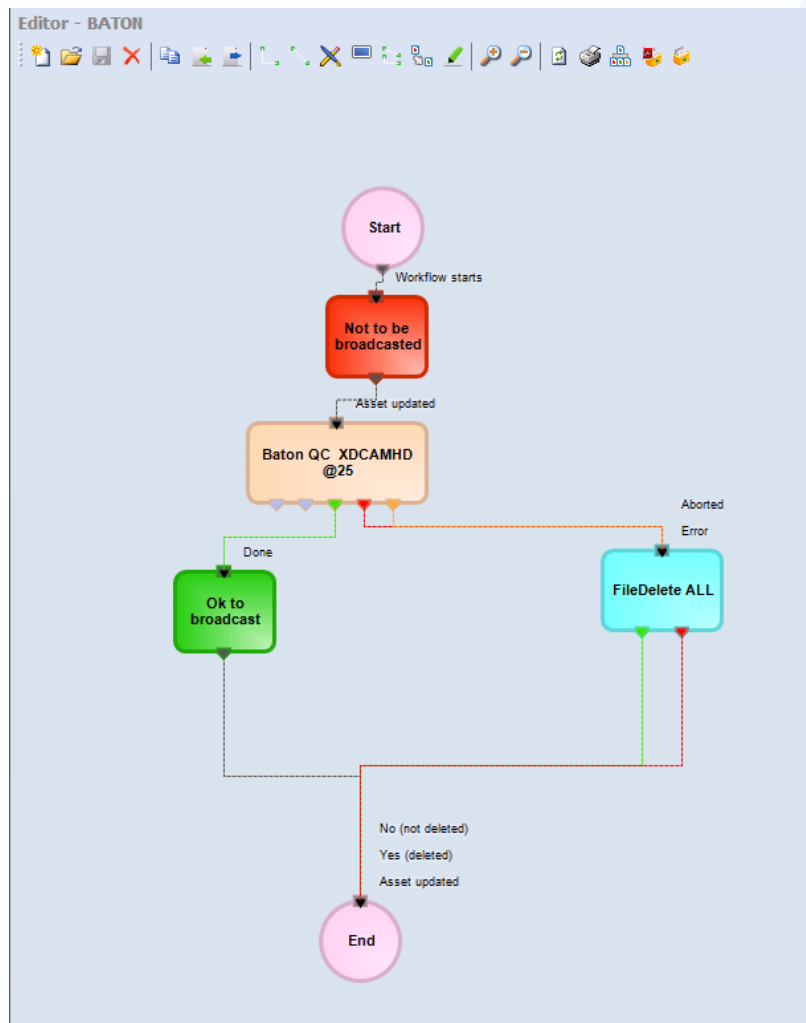
Fast point to video

Using External QC

- Etere is integrated with any file base QB in the market as:
 - Cerify
 - Baton
 - Digimetrix
- The QC Gui is no needed everything is controlled by
- T-Workflow



QC Workflow



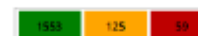
Detailed QC Results

Etere
a consistent system

Etere report from project: New Test

Progress(%):	100 %
Created:	03/03/16 14:53:38
Modified:	03/03/16 14:57:42
Report date:	03/03/16 15:05:11

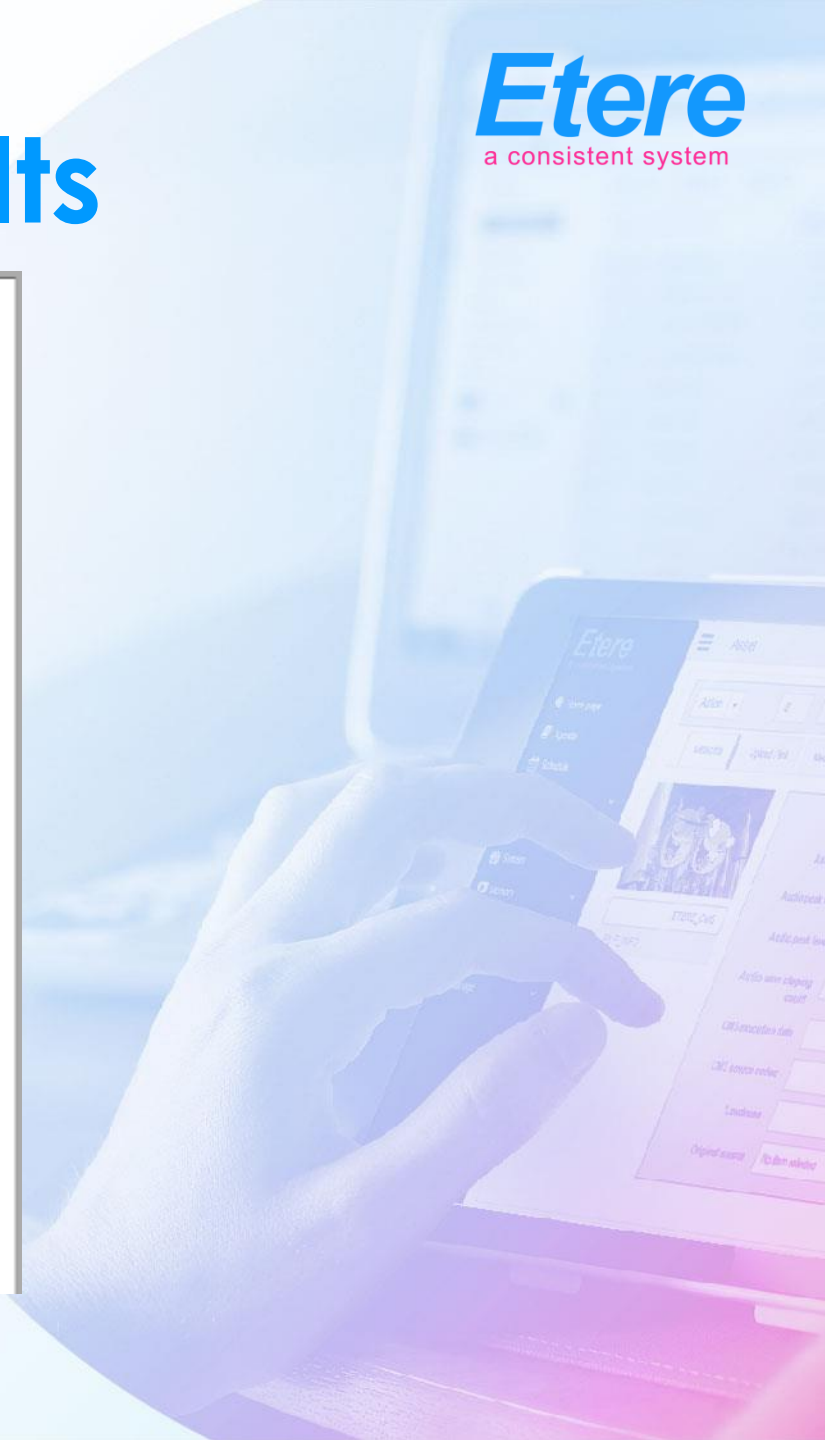
Total files:	3
Analyzing:	0
Completed:	3
Paused/Blocked:	0



Analysis thresholds

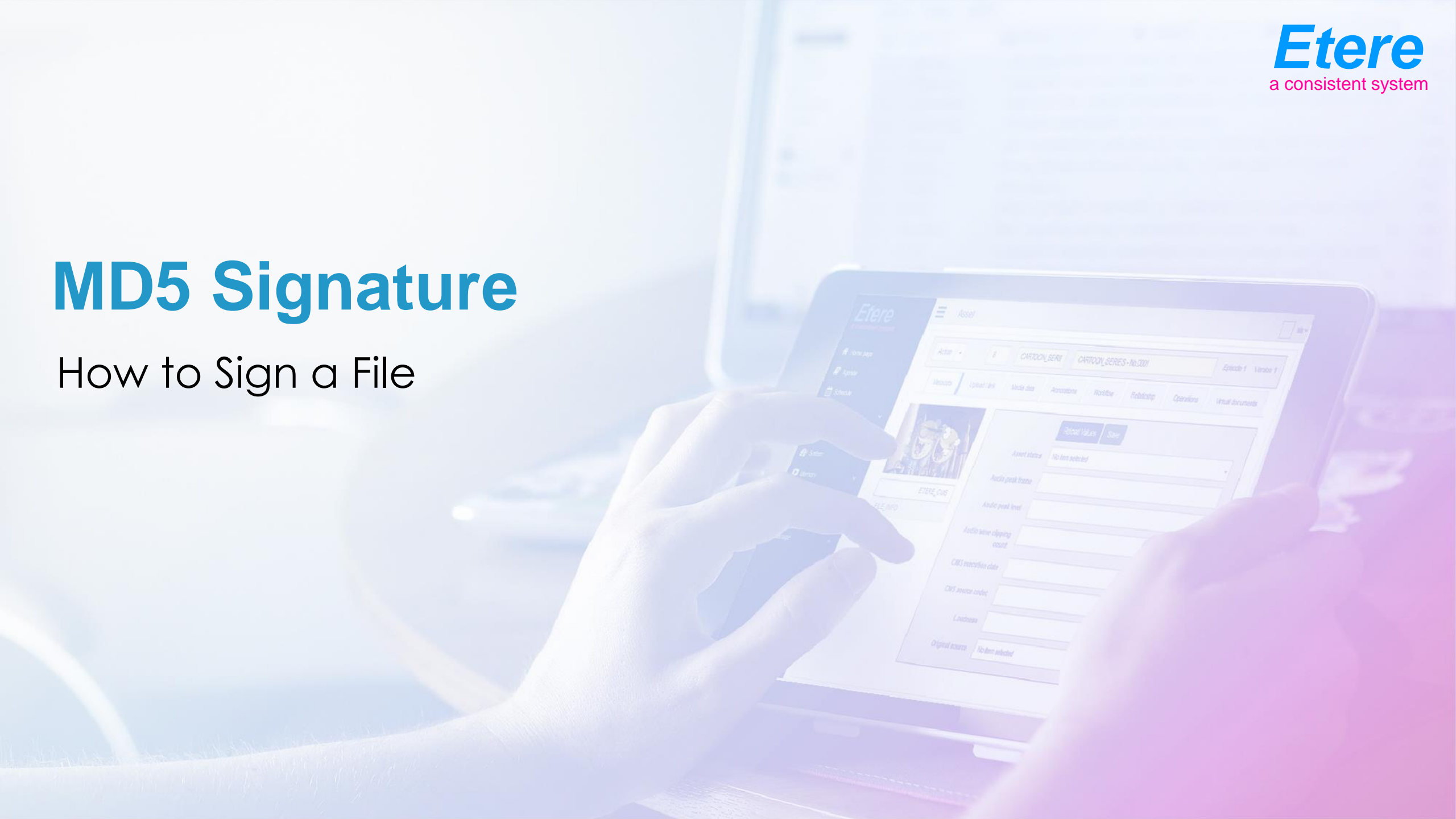
logging	Blackness greater than 81
logging	Interlacing Artifacts greater than 61
warning	Freeze greater than 81
critical	Blockiness greater than 71
warning	Luminance Line Errors greater than 41
warning	Chrominance Line Errors greater than 41
logging	Level less than -20 dBFS
warning	Clipping is detected
critical	Mute is detected
critical	Loudness I 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

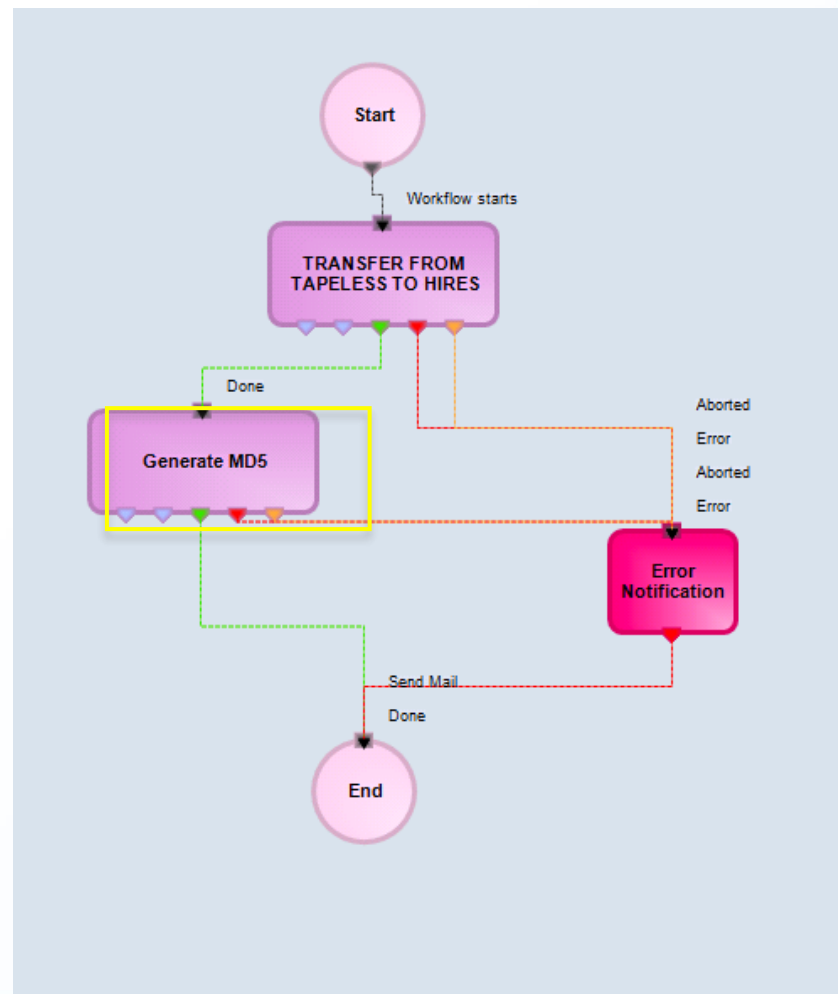


MD5 Signature

How to Sign a File



Typical Workflow Process

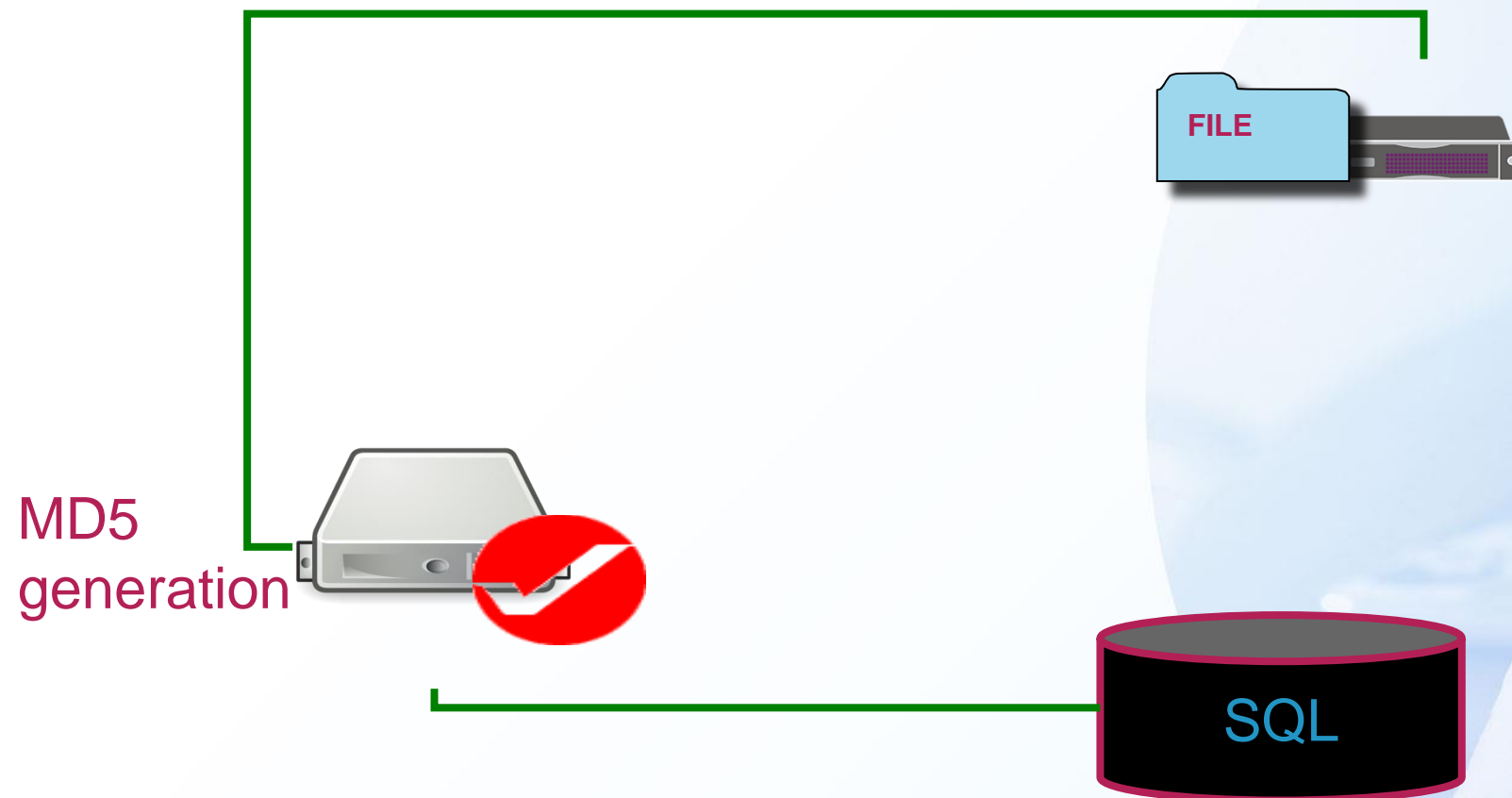


MD5

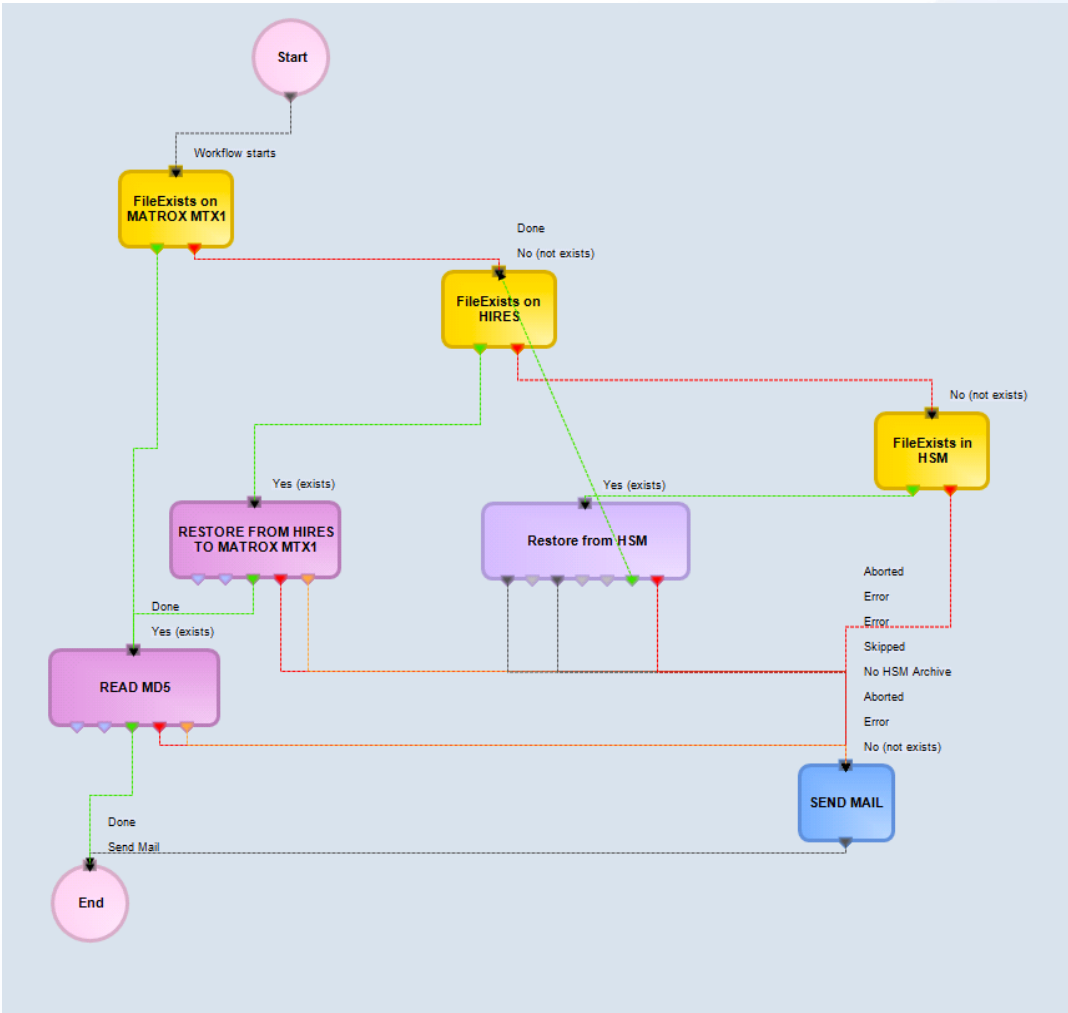
- MD5 is used to assure that the file does not change
 - After moving
 - After archive retrieve
 - After moving on WAN
- With MD5 you are sure that the content is exactly the same and the wrapper has no errors



MD5

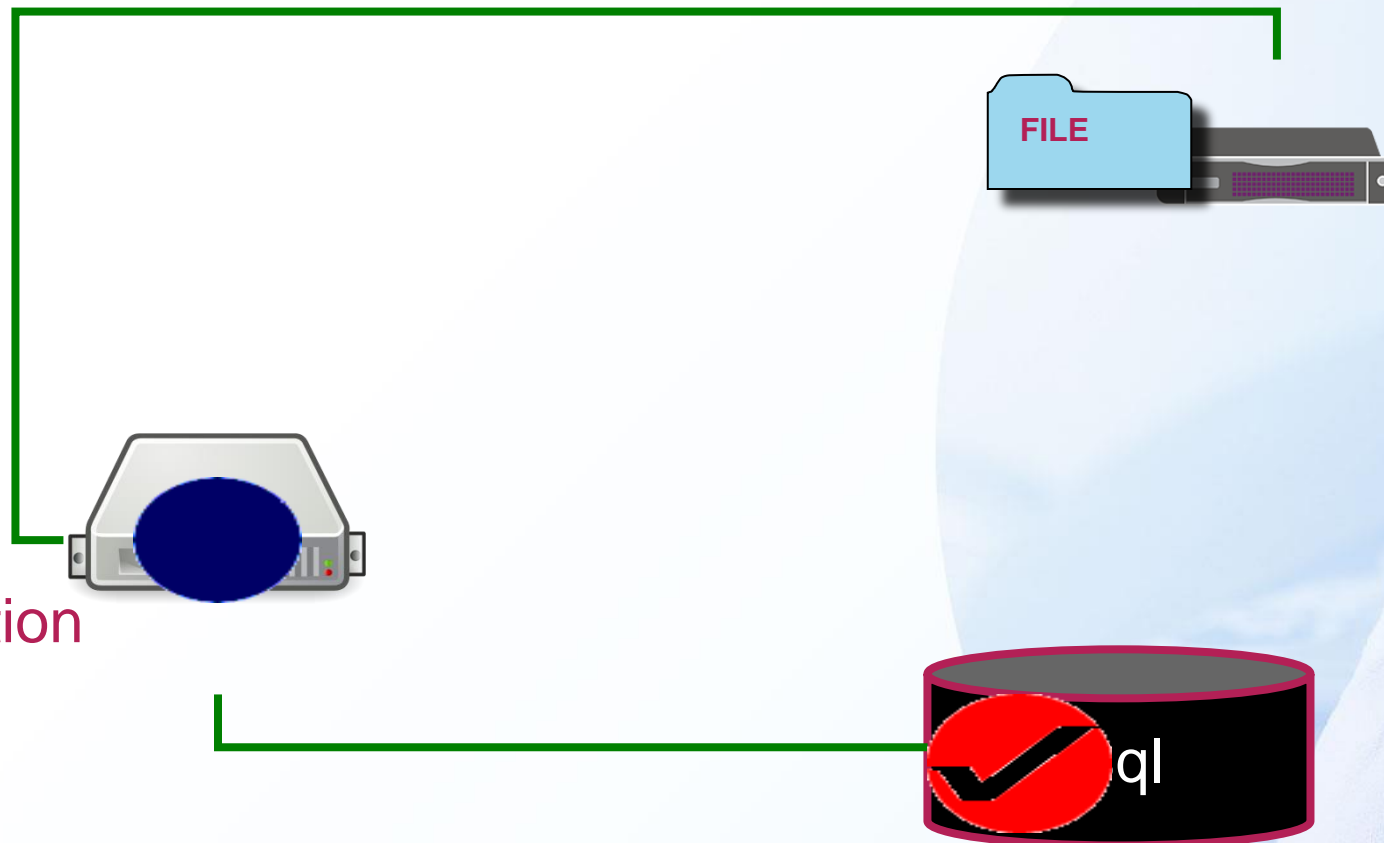


MD5 Control



MD5-Control

MD5
Generation



Files with MD5

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

All videostandard

Flexi-metadata

Download

Save

Delete

Delete link

FULLKITCHEN1

FULLKITCHEN1

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



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
PAL
Shuttle 0,00

Subtitle

SOM EOM (insieme) "Shi".
00:11:21.20 00:11:22.24

Subtitles
Text
Font Color
Font Color 2nd line
Font Color 3rd line
Text alignment
Vertical position

Yellow
Transparent
Transparent
Center
2

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

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

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

Preview

HOM NAY

CHUC MUNG NAM MOI

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

00:00:04.22

PAL PS 0

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

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, Aloel.
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 Aloel!
00:00:36.12	00:00:38.07	Is that a limited edition Silverfish?
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 with Subtitles

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

00:00:00

00:42:48:11

00:42:48:12

00:00:00:00

00:42:48:11

00:20:04:47

00:42:48:12

He joins the game

00:32:14:08

01:28:36:12

AUDIO

SUBS

No subtitles

English (United Kingdom)

French (France)

Italian (Italy)

Vietnamese (Vietnam)

Edit Options

Edit n.8

1

2

3

4

5

6

7

8

9

Edit

Delete

This is where it all begins

SOM

EOM

DUR

Type

Edit

Delete

The Beginning Before Time

SOM

EOM

DUR

Type

Edit

Delete

The Song

SOM

EOM

DUR

Type

Edit

Delete

The Match

SOM

EOM

DUR

Type

Edit

Delete

After the Match

SOM

EOM

DUR

Type

Edit

Delete

Justice

SOM

EOM

DUR

Type

Edit

Delete

Get It On

SOM

EOM

DUR

Type

Edit

Delete

Evolution

SOM

EOM

DUR

Type

Edit

Delete

It All Goes Down

SOM

EOM

DUR

Type

Edit

Delete

Wait for it

SOM

EOM

DUR

Type

Edit

Delete

Born Again

SOM

EOM

DUR

Type

Edit

Delete

Clouds in the Sky

SOM

EOM

DUR

Type

Edit

Delete

Scene Change

SOM

EOM

DUR

Type

Edit

Delete

Scene Change

SOM

EOM

DUR

Type

Multilanguage
subtitles selection

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

Executive Editor
Schedule Functions Edit Tools AD Insertion Air Sales Show Help

MAM Real schedule, Friday 29 November 2019

etx2 - On-Air - Main

countdown live types/break

00:04:06.23 01:07:09.13 00:00:00.00

STILL D-STILL SKIP RESTART Recue PROTECT CLONE LIVE SK2LIVE

Icons	Time	Code	Description	Type	Duration	Filename	Secondary Events	Properties	ID Split	Blocks	Segments	Cl...	Media
	09:56:36.06	220	220	NEWS	0000:15.01	test		4:3 SD	T				2 etx
	09:56:51.07	Live 0001	Live 0001	NEWS	0005:00.00	1-Automation	etx2	4:3 SD	T				2 etx
	10:01:51.07	Messi	Messi	FILM	0000:11.01	2337messi	etx2	4:3 SD	T				2 etx
	10:02:02.08	CR7	CR7	FILM	0000:18.22	2339cr7	etx2	4:3 SD	T				2 etx
	10:02:21.05	Nadal	Nadal	COMMERCIALS	0000:16.23	2973nadal	etx2	4:3 SD	T				2 etx
	10:02:38.03	Sharapova	Sharapova	COMMERCIALS	0000:23.10	2975sharapova	etx2	4:3 SD	T				2 etx
	10:03:01.13	Drogba	Drogba	COMMERCIALS	0003:29.22	33783drogba	etx2	4:3 SD	T				2 etx
	10:06:31.10	Z.lbra	Z.lbra	TV MOVIE	0001:41.01	244387bra	etx2	4:3 SD	T				2 etx
	10:08:12.11	11	Long Clip	FILM	0012:38.10	telenovela grecia	etx2	4:3 SD	T				2 etx
	10:20:50.21	Merlin	Merlin	FILM	0043:48.01	Merlin1	etx2	4:3 SD	T				2 etx
	11:04:38.22	220	220	NEWS	0000:15.00	test		4:3 SD	T				2 etx
	11:04:53.22	Live 0001	Live 0001	NEWS	0005:00.00	1-Automation	etx2	4:3 SD	T				2 etx
	11:09:53.22	Messi	Messi	FILM	0000:11.01	2337messi	etx2	4:3 SD	T				2 etx
	11:10:04.23	CR7	CR7	FILM	0000:18.22	2339cr7	etx2	4:3 SD	T				2 etx
	11:10:23.20	Nadal	Nadal	COMMERCIALS	0000:16.23	2973nadal	etx2	4:3 SD	T				2 etx
	11:10:40.18	Sharapova	Sharapova	COMMERCIALS	0000:23.10	2975sharapova	etx2	4:3 SD	T				2 etx
	11:11:04.03	Drogba	Drogba	COMMERCIALS	0003:29.22	33783drogba	etx2	4:3 SD	T				2 etx

10:02:38 10:07:28 10:12:18 10:17:08 10:21:58 10:26:48 10:31:38 10:36:28 10:41:18 10:46:08 10:50:58 10:55:48 11:00:38 11:05:28 11:10:18 11:15:08 11:19:58 11:24:48 11:29:38

10:09:52 - 10:16:24 logo_Etere_360 00:01:40 after th 10:16:24 Logo A 00:08:11

11:04:53 - 11:11:04 Live 0001 - 11:11:04 Drogba 11:16:15 - 11:28:53 11 - Long Clip 11:24:33 logo_Etere_360 00:01:40 after th 11:24:33 Logo A 00:08:11

0004:10.05

Schedule on Web

Historical	<input type="checkbox"/>	Time Zone	<input checked="" type="checkbox"/>	<div> <div>⏏</div> <div>🔄</div> <div><<</div> <div>View</div> <div>>></div> </div>								
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			
		00:36:26.26	NEW	1035	00:10:00.00	Richardone_Live001		00:00:00.00	00:09:59.29	LIVE	📺	

Scheduling Sec Events

Executive Editor
Schedule Functions Edit Tools AD Insertion Air Sales Show Help

ETX Real schedule, Friday 29 November 2019

Icons	Time	Code	Description	Type	Duration	Filename	Secondary Events	Properties	ID Split	Blocks	Segments	Cl...	Media
	00:00:00.00	START	***** START *****	START	0000:00.00								
	00:00:00.00	Live 0001	Live 0001	NEWS	0005:00.00	1-Channel 1		4:3 SD					
	00:05:00.00	Messi	Messi	FILM	0000:11.01	2337messi		4:3 SD				1 2 etx etx	
	00:05:11.01	CR7	CR7	FILM	0000:18.22	2339cr7		4:3 SD				1 2 etx etx	
	00:05:29.23	Nadal	Nadal	COMMERCIALS	0000:16.23	2973nadal		4:3 SD				1 2 etx etx	
	00:05:46.21	Sharapova	Sharapova	COMMERCIALS	0000:23.10	2975sharapova		4:3 SD				1 2 etx etx	
	00:06:10.06	Premier League	Premier League	COMMERCIALS	0001:06.19	31067premiere		4:3 SD				1 2 etx etx	
	00:07:17.00	Drogba	Drogba	COMMERCIALS	0003:29.22	33783drogba		4:3 SD				1 2 etx etx	
	00:10:46.22	AU OPEN	AU OPEN	NEWS	0001:37.01								
	00:12:23.23	Roland Garros	Roland Garros	COMMERCIALS	0004:07.06								
	00:16:31.04	Z.lbra	Z.lbra	TV MOVIE	0001:41.01								
	00:18:12.05	11	Long Clip	FILM	0012:38.10								
	00:30:50.15	Merlin	Merlin	FILM	0043:48.01								
	01:14:38.16	Live 0001	Live 0001	NEWS	0005:00.00								
	01:19:38.16	Messi	Messi	FILM	0000:11.01								
	01:19:49.17	CR7	CR7	FILM	0000:18.22								
	01:20:08.14	Nadal	Nadal	COMMERCIALS	0000:16.23								
	01:20:25.12	Sharapova	Sharapova	COMMERCIALS	0000:23.10								
	01:20:48.22	Premier League	Premier League	COMMERCIALS	0001:06.19								
	01:21:55.16	Drogba	Drogba	COMMERCIALS	0003:29.22								
	01:25:25.13	AU OPEN	AU OPEN	NEWS	0001:37.01								
	01:27:02.14	Roland Garros	Roland Garros	COMMERCIALS	0004:07.06								
	01:31:09.20	Z.lbra	Z.lbra	TV MOVIE	0001:41.01								
	01:32:50.21	11	Long Clip	FILM	0012:38.10								
	01:45:29.06	Merlin	Merlin	FILM	0043:48.01								
	02:29:17.07	Live 0001	Live 0001	NEWS	0005:00.00								
	02:34:17.07	Messi	Messi	FILM	0000:11.01								

Properties

Code: LIVE 0001 Description: LIVE 0001 Duration: 0005:00.00

CG/Crawl/Logo Event type Audio channels Dsk Icon/color Notes Audio data

STMAN ETX-Playout (LAY2-LOGO2) ETX-Playout (LAY3-LOGO3)

Logo No.1 0 Logo No.2 0 Logo No.3 14

Duration 0000:00.00 Duration 0000:00.00 Duration 0005:00.00

Activate Commercial

Logo List

Search

Logo Stazione

Ok Cancel

CG/Crawl/Logo

Logo list

Secondary Events Timeline

Executive Editor
Schedule Functions Edit Tools AD Insertion Air Sales Show Help

MAM Real schedule, Friday 29 November 2019

ets2 - On-Air - Main

ets2 Backup

countdown 00:04:06.23 live 01:07:09.13 types/break 00:00:00.00

STILL D-STILL SKIP RESTART Recue PROTECT CLONE LIVE SK2LIVE

Icons	Time	Code	Description	Type	Duration	Filename	Secondary Events	Properties	ID Split	Blocks	Segments	Cl...	Media
	09:56:36.06	220	220	NEWS	0000:15.01	test		4:3 SD T					2 etx
	09:56:51.07	Live 0001	Live 0001	NEWS	0005:00.00	1-Automation		4:3 SD T LIVE					2 etx
	10:01:51.07	Messi	Messi	FILM	0000:11.01	2337messi		4:3 SD T					2 etx
	10:02:02.08	CR7	CR7	FILM	0000:18.22	2339cr7		4:3 SD T					2 etx
	10:02:21.05	Nadal	Nadal	COMMERCIALS	0000:16.23	2973nadal		4:3 SD T					2 etx
	10:02:38.03	Sharapova	Sharapova	COMMERCIALS	0000:23.10	2975sharapova		4:3 SD T					2 etx
	10:03:01.13	Drogba	Drogba	COMMERCIALS	0003:29.22	33783drogba		4:3 SD T					2 etx
	10:06:31.10	Z.lbra	Z.lbra	TV MOVIE	0001:41.01	244387bra		4:3 SD T					2 etx
	10:08:12.11	11	Long Clip	FILM	0012:38.10	telenovela grecu		4:3 SD T					2 etx
	10:20:50.21	Merlin	Merlin	FILM	0043:48.01	Merlin1		4:3 SD T					2 etx
	11:04:36.22	220	220	NEWS	0000:15.00	test		4:3 SD T					2 etx
	11:04:53.22	Live 0001	Live 0001	NEWS	0005:00.00	1-Automation		4:3 SD T LIVE					2 etx
	11:09:53.22	Messi	Messi	FILM	0000:11.01	2337messi		4:3 SD T					2 etx
	11:10:04.23	CR7	CR7	FILM	0000:18.22	2339cr7		4:3 SD T					2 etx
	11:10:23.20	Nadal	Nadal	COMMERCIALS	0000:16.23	2973nadal		4:3 SD T					2 etx
	11:10:40.18	Sharapova	Sharapova	COMMERCIALS	0000:23.10	2975sharapova		4:3 SD T					2 etx
	11:11:04.03	Drogba	Drogba	COMMERCIALS	0003:29.22	33783drogba		4:3 SD T					2 etx

10:02:38 10:07:28 10:12:18 10:17:08 10:21:58 10:26:48 10:31:38 10:36:28 10:41:18 10:46:08 10:50:58 10:55:48 11:00:38 11:05:28 11:10:18 11:15:08 11:19:58 11:24:48 11:29:38

10:09:52 - 10:16:10 logo_Etere_360 00:01:40 after th 10:16:2 Logo A 00:08:1

11:04:53 - 11:04:53 Live 0001 - 11:1 Drogl 11:16:15 - 11:28:53 11 - Long Clip 11:28 Merlin

11:17:55 - 11:24:30 logo_Etere_360 00:01:40 after th 11:24:3 Logo A 00:08:1

0004:10.05

Multichannel Editing

Etere Multichannel View

Functions Tools Show Help

11/29/2019 10:13:46 AM

MAM Real schedule, Friday 29 November 2019

Icons	Time	Code	Description	Type	Duration	Filename	Secondary Events	Properties	ID Split	Blocks	Segments	Cl...	Media
	10:06:31.10	Z.lbra	Z.lbra	TV MOVIE	0001:41.01	244387ibra	etx2	4:3 SD					2 etx
	10:08:12.11	11	Long Clip	FILM	0012:38.10	telenovela greci	etx2	4:3 SD					2 etx
	10:20:50.21	Merlin	Merlin	FILM	0043:48.01	Merlin1		4:3 SD					2 etx
	11:04:38.22	220	220	NEWS	0000:15.00	test		4:3 SD					2 etx
	11:04:53.22	Live 0001	Live 0001	NEWS	0005:00.00	1-Automation	etx2	4:3 SD					2 etx
	11:09:53.22	Messi	Messi	FILM	0000:11.01	2337messi	etx2	4:3 SD					2 etx
	11:10:04.23	CR7	CR7	FILM	0000:18.22	2339scr7	etx2	4:3 SD					2 etx
	11:10:23.20	Nadal	Nadal	COMMERCIALS	0000:16.23	2973nadal	etx2	4:3 SD					2 etx
	11:10:40.18	Sharapova	Sharapova	COMMERCIALS	0000:23.10	2975sharapova		4:3 SD					2 etx
	11:11:04.03	Drogba	Drogba	COMMERCIALS	0003:29.22	33783drogba	etx2	4:3 SD					2 etx
	11:14:34.00	Z.lbra	Z.lbra	TV MOVIE	0001:41.01	244387ibra	etx2	4:3 SD					2 etx
	11:16:15.01	11	Long Clip	FILM	0012:38.10	telenovela greci	etx2	4:3 SD					2 etx

etx2 countdown 00:05:42.0 ETX1 countdown 00:03:48.0 Main Not connected Main Host not valid

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

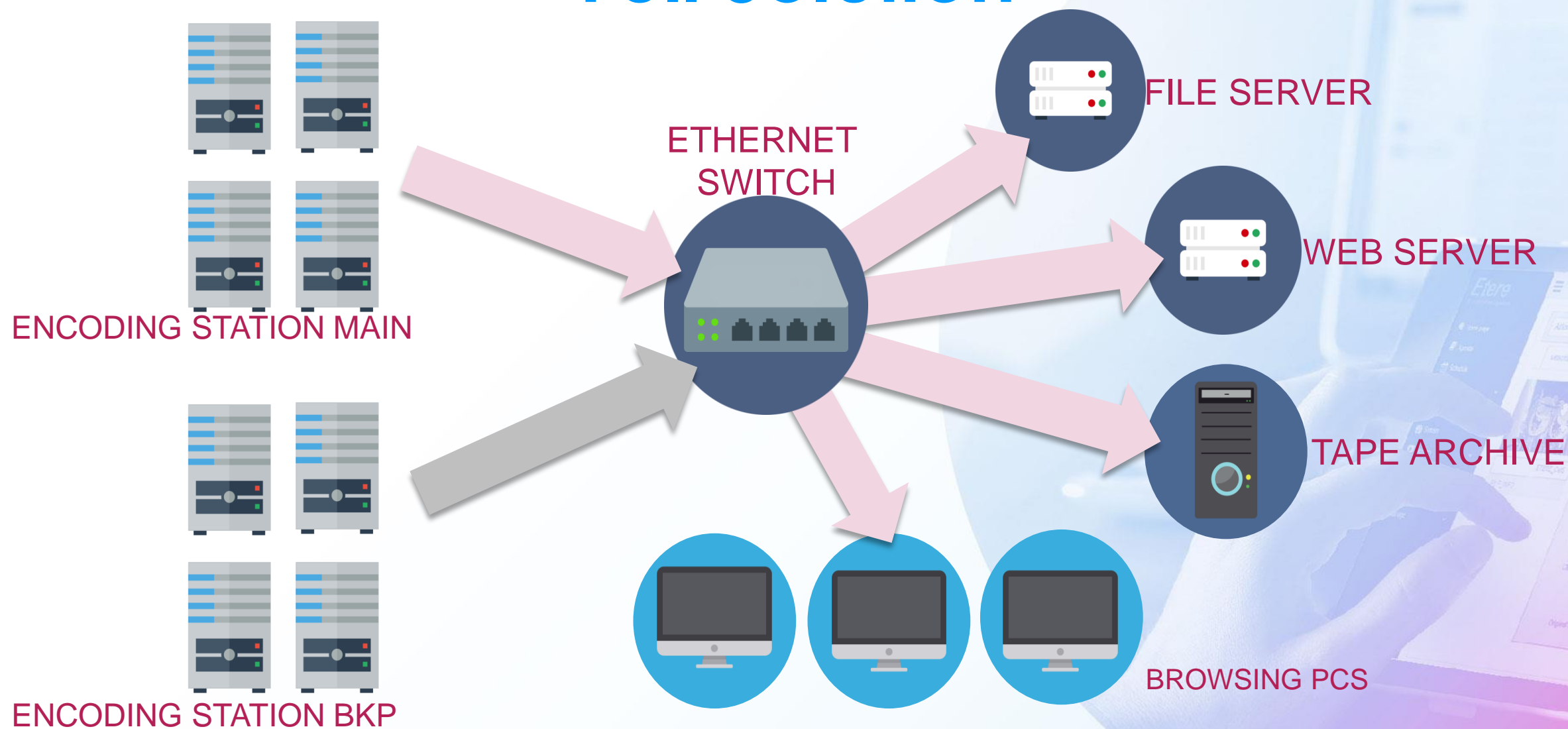
etx

Memory

Logging Software



Full Solution



Memory Browser

Etere
a consistent system

The screenshot displays the Etere Memory Browser interface. On the left is a dark sidebar with the Etere logo and a 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 shows a dropdown menu set to 'MAM'. Below this is a date filter for '19/10/2020' and a search bar. A list of memory segments is displayed, with the selected segment being '19/10/2020 10:24:32 - 01:00:00.12'. The video player on the right shows a scene from a movie with the timestamp '2020-10-19 10:24:32:76'. The video player controls include play/pause, stop, previous, next, and a progress bar. Below the video player are buttons for 'GO', 'SOM', and 'EOM', along with a scissors icon for trimming. The bottom right corner of the interface shows '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

STARK ISSUES THREAT

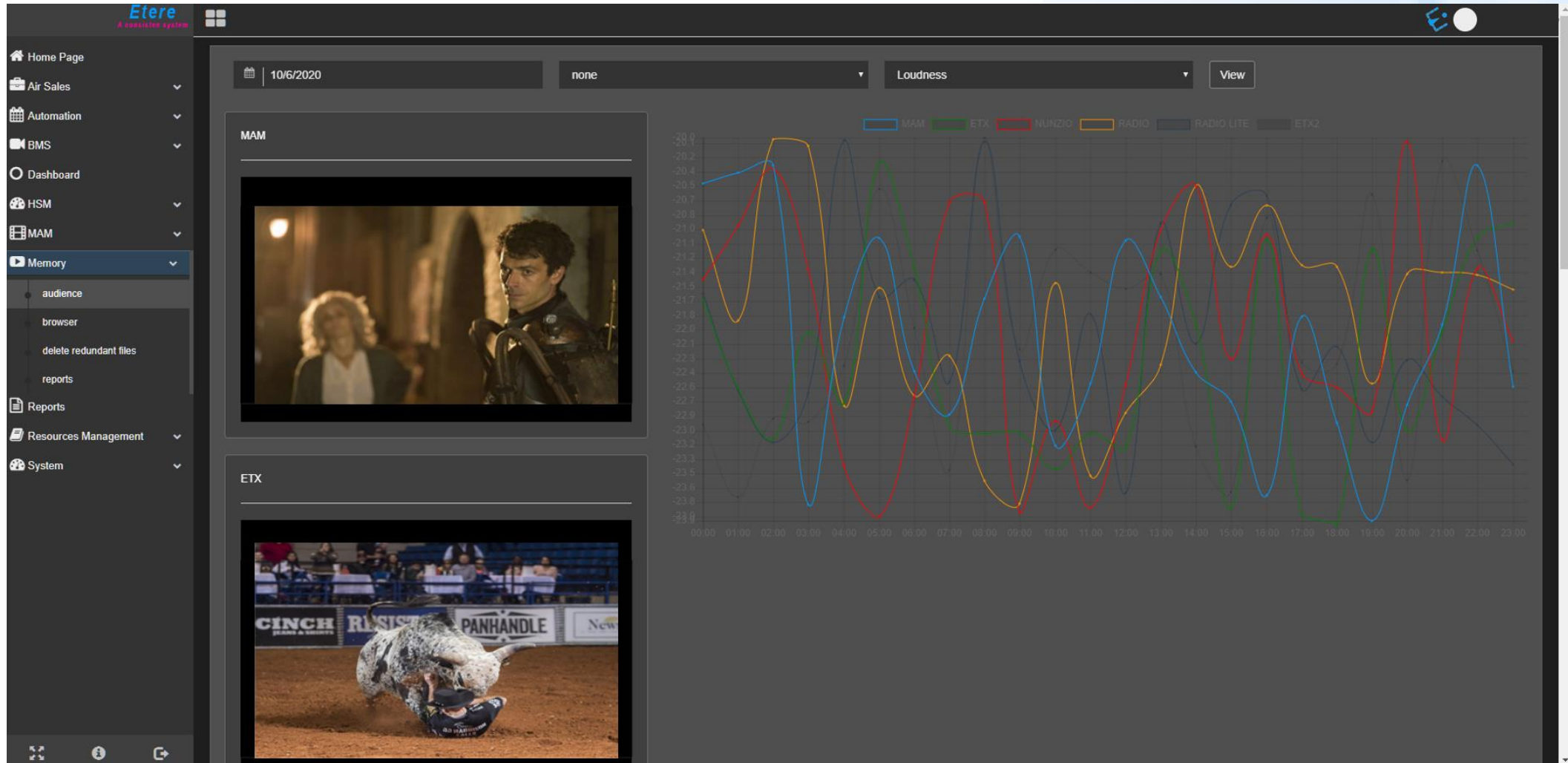
00:00:00:20 01:00:00:04 AUDIO SUBS

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

Etereweb - Etere pte ltd

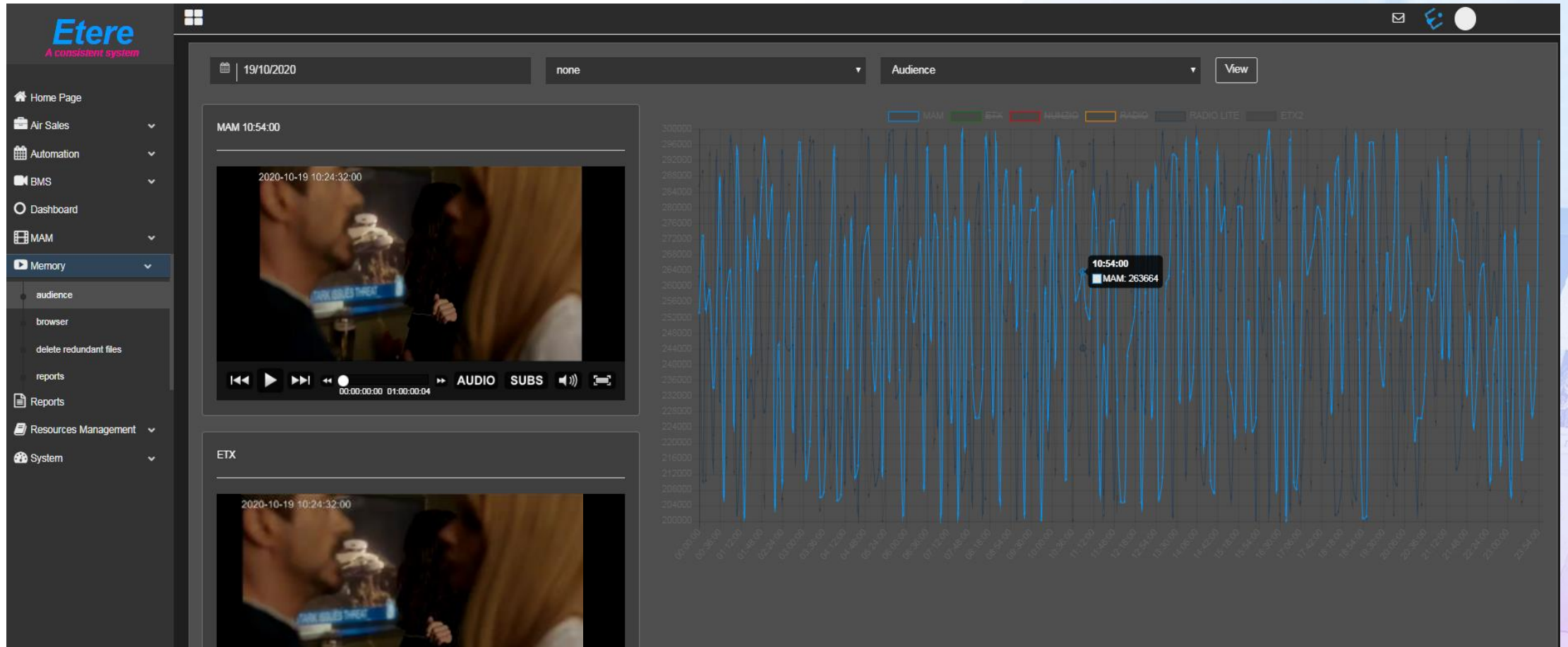
Preview of Loudness on Web

Etere
a consistent system



Preview with Audience

Etere
a consistent system



Memory Reports

Etere
a consistent system

Etere
A consistent system

Home Page

Air Sales

Automation

BMS

Dashboard

MAM

Memory

audience

browser

delete redundant files

reports

Reports

Resources Management

System

Reports

Memory

Continuity report

Memory Contents Files

Memory Contents Files as playlist

Memory Contents Summary

Memory Contents Summary

General

Station

All

From

19/10/2020

To

26/10/2020

Codec

All

Preview

Download

R100189_C0000

MAM

Memory Contents Summary

From

19/10/2020

To

26/10/2020

Station

All stations

Codec

All

Date	User Code	Station	License #	Codec	Cloud-device	Total Files
19/10/2020	001	MAM	MAIN#1	H264	Memory	5
19/10/2020	001	MAM	MAIN#1	JPG	ARCHIVE	1
19/10/2020	001	MAM	MAIN#1	UNK	ARCHIVE	1

Etereweb - Etere pte ltd

SNMP Console

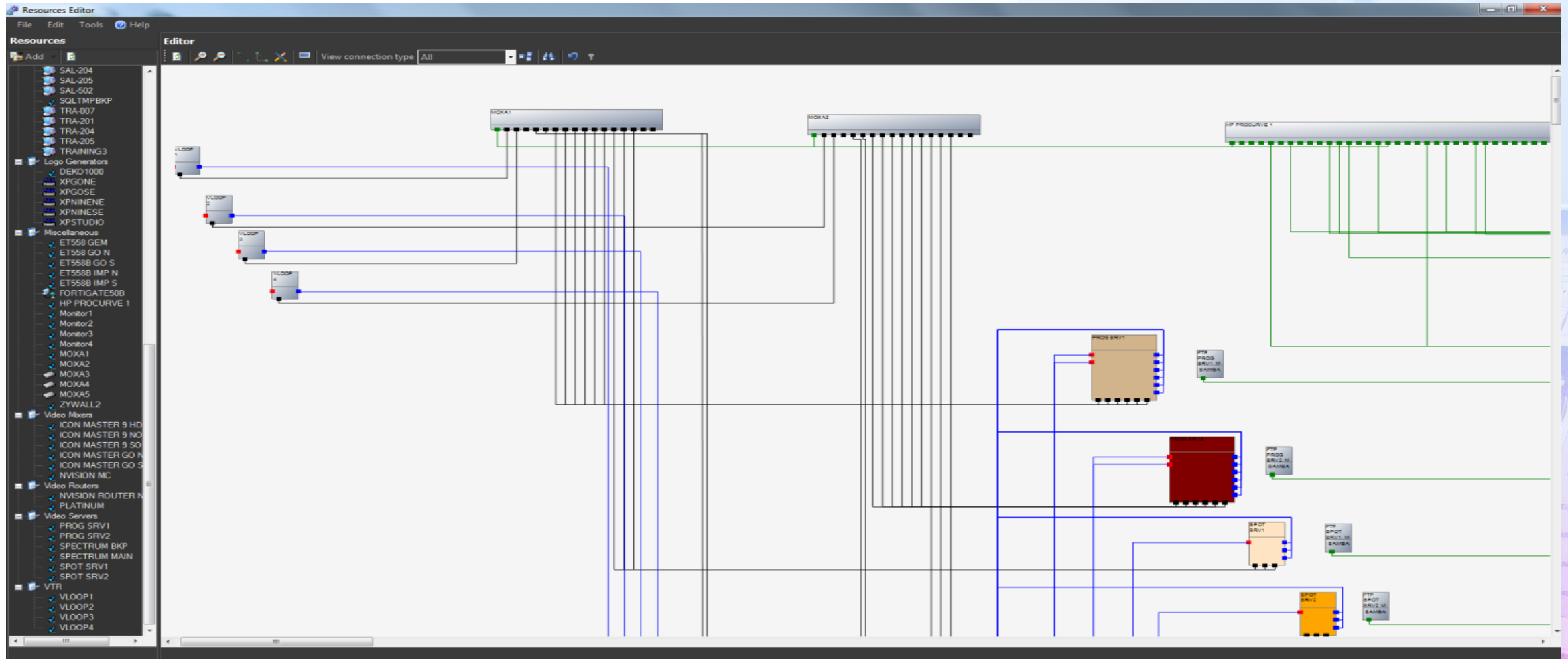


Graphic Tool

- 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

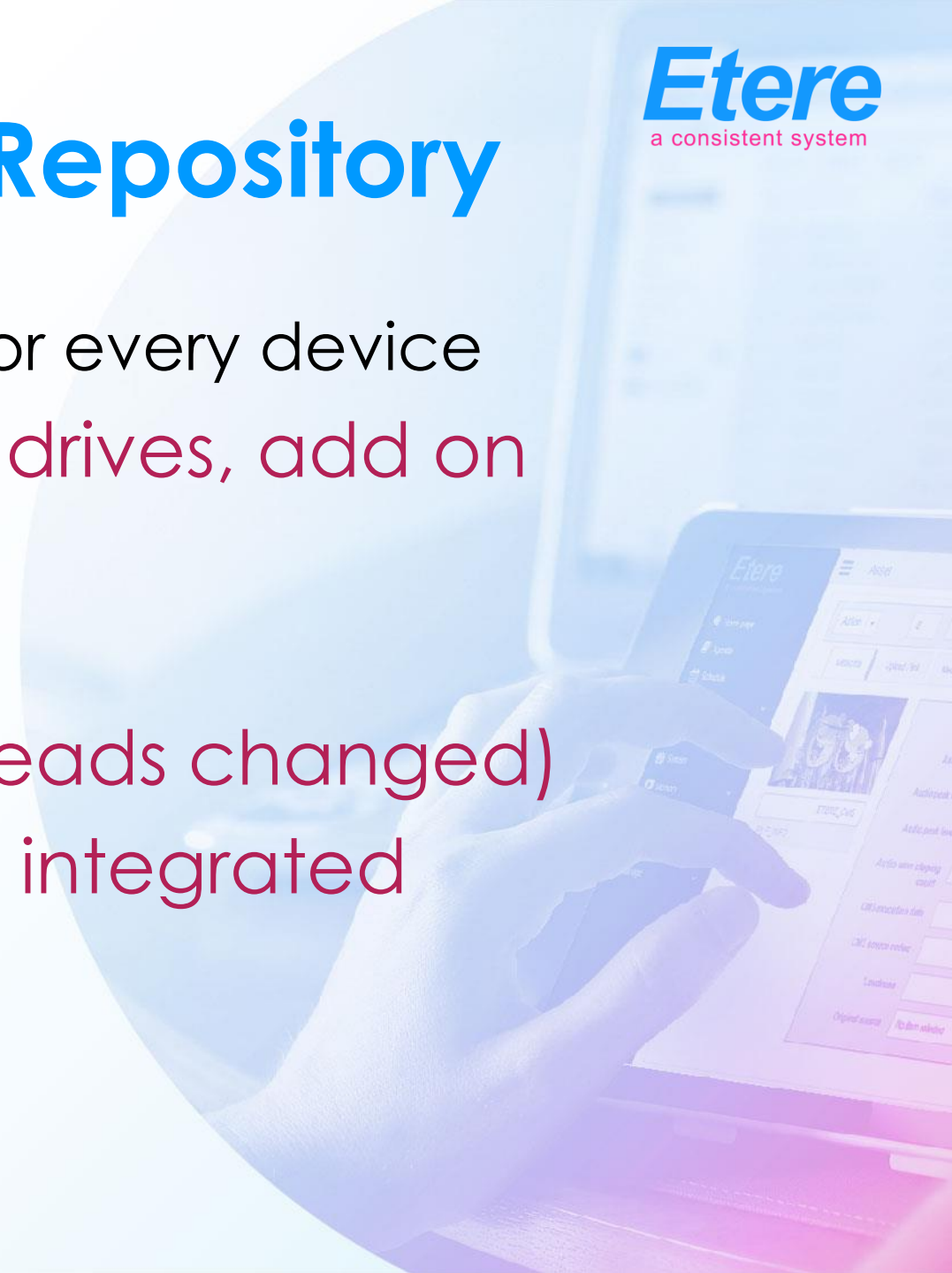
Graphic Tool

Etere
a consistent system



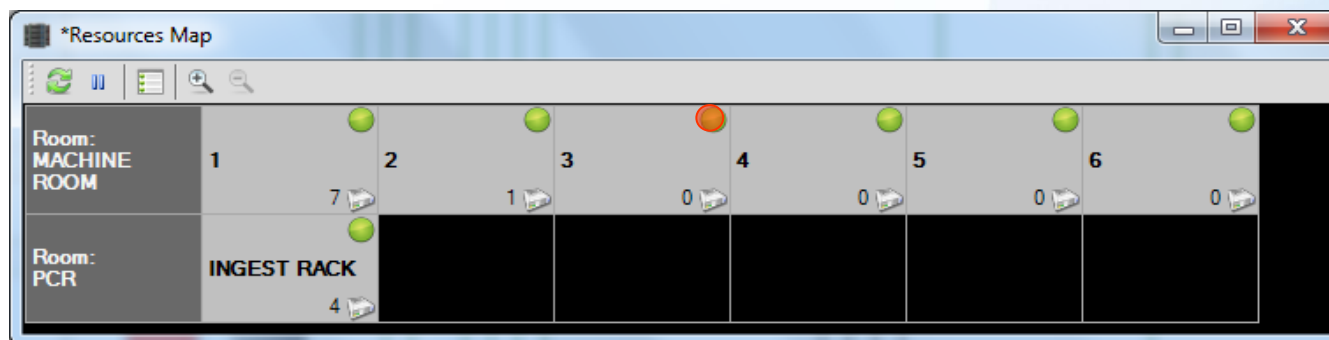
Central Information Repository

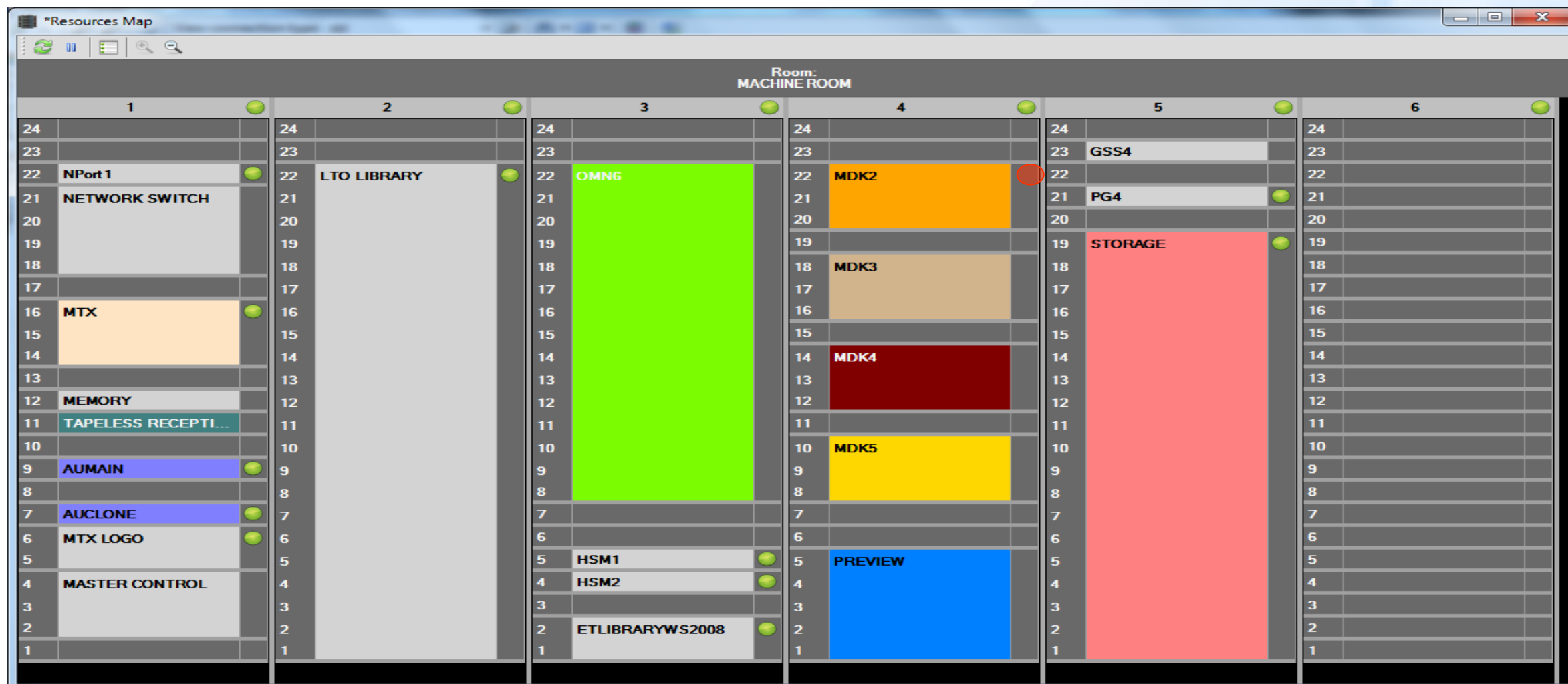
- The SNMP console is able to store for every device
 - The configuration details (IP, drives, add on boards)
 - The SNMP error log
 - Your operation log (as VTR heads changed)
 - All service manuals using the integrated document management
 - The position in the Racks



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





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 Ser				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 ☐ Last week ☐ Today ☐ 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...		
OPY 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 sidebar lists various resources under categories like Archives, Channels, and Etere PCs. The main workspace shows a hierarchical view of resources, including ETX1 and ETX2. A 'Properties ETX1 (2)' dialog is open, showing details for a PC channel. A 'Device log operation' dialog is also open, displaying a table of log entries. A third dialog, 'Do.Ma.', is open in the foreground, showing a form for adding a new HDD.

Device log operation

Date	Description	User
25/11/2019 07:48:27	Replace HDD	lorenzo

Do.Ma.

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

Document No.: 80
File type: .PDF
User: LORENZO

Description: New HDD

Contents:

Service Manual

Etere
a consistent system

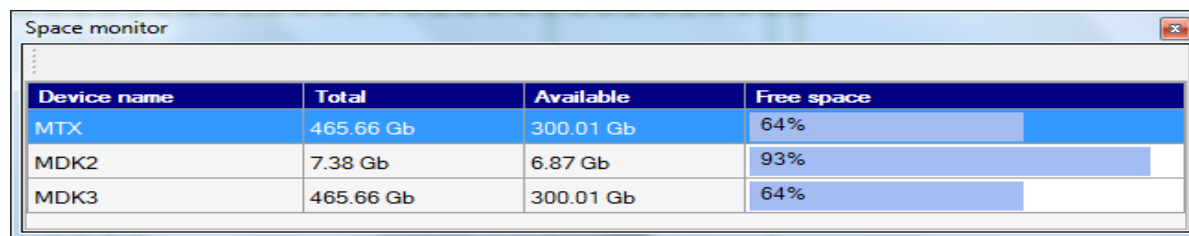
The screenshot displays the Etere Resources Editor interface. On the left, a tree view lists various resources under categories like Archives, Channels, and Etere PCs. The main workspace shows a project setup with components like ARCHIVE, LOWRES, Upload, ETX1, C1, ETERE CC, ETX, and NILOX02-W10. A 'Properties ETX1 (2)' dialog box is open, showing details for a PC channel. In the foreground, a Foxit Reader window displays a PDF document titled 'Advanced Timeline Features Ver. 1.8'. The PDF content includes a title page with the text 'Advanced Timeline Features' and 'Ver. 1.8', and a table of contents on the right side.

Advanced Timeline Features

Ver. 1.8

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 of storage device usage. The table has four columns: "Device name", "Total", "Available", and "Free space". The "Free space" column includes a percentage and a horizontal bar chart representing the usage level. The data is as follows:

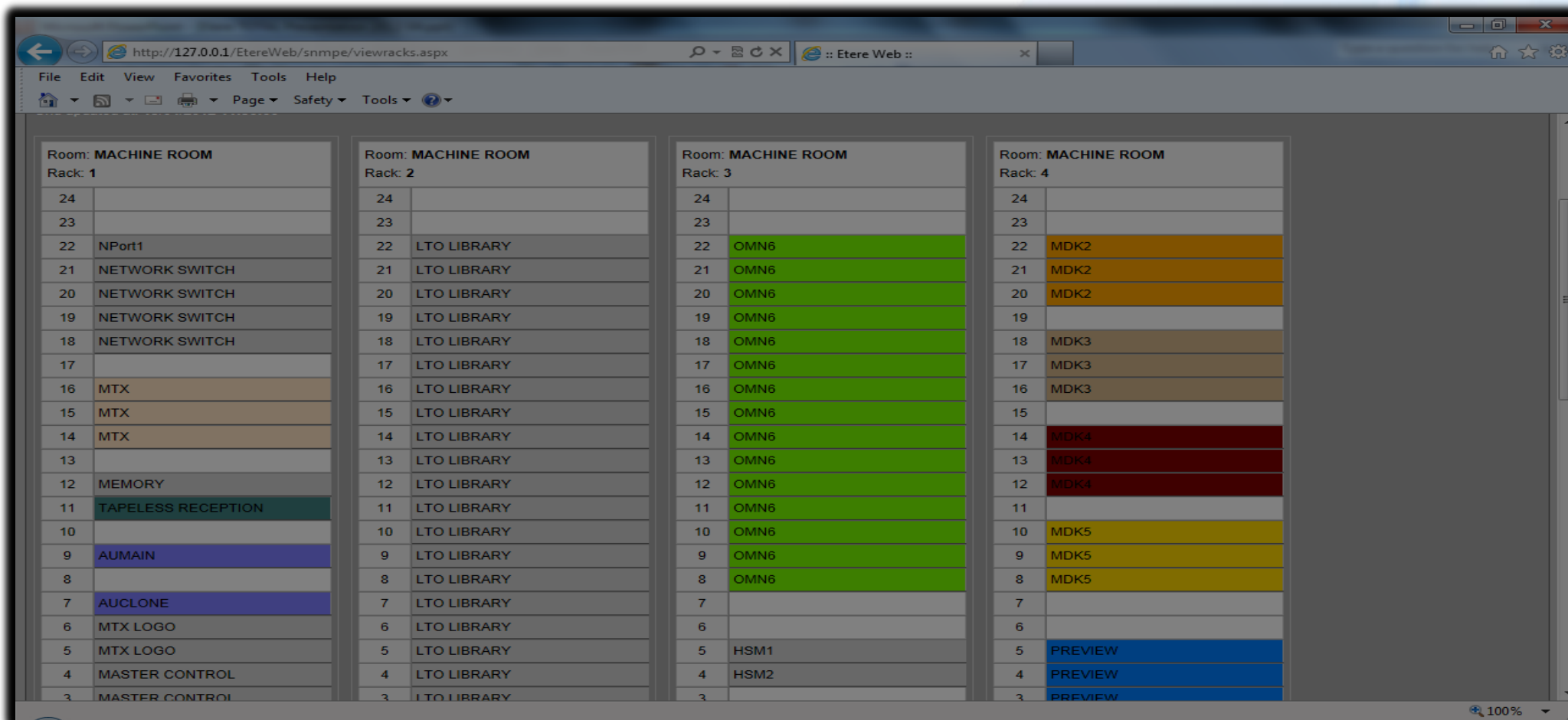
Device name	Total	Available	Free space
MTX	465.66 Gb	300.01 Gb	64%
MDK2	7.38 Gb	6.87 Gb	93%
MDK3	465.66 Gb	300.01 Gb	64%

Workflow Monitor

T-Workflow Monitor												
<div> <div>Apply filter</div> <div>Refresh</div> <div>go to datamover monitor</div> </div>												
Workflow												
T-Workflows 1 to 10 of 312												
object	id	code	descr.	t-workflow	action	status	result	message	deadline	priority	started	updated
Asset	10447	10447	10447_Promotion	AFTER WEB UPLOAD		complete	0	Completed in 00:00:01.563		0	16/09/2020 13:02	16/09/2020 13:05
Asset	10444	10444	WINE	PARTIAL RETRIEVE		complete	-1	Error: Process exit code: -1		0	12/09/2020 23:50	16/09/2020 13:01
Asset	10402	10358_2	Game of Thrones S02	TASK RITA	TASK RITA	active	0			0	15/09/2020 17:10	15/09/2020 17:10
Asset	10358	10358	Closed Captions	ARCHIVE AND QC	TASK RITA	active	0			0	15/09/2020 17:10	15/09/2020 17:10
Asset	10357	10357	Apocalypse Now	AFTER WEB UPLOAD	TASK RITA	active	0			0	15/09/2020 17:10	15/09/2020 17:10
Asset	10365	10365	LIVE 0010	NEWS STORY APPROVAL		complete	0	The asset is scheduled		0	14/09/2020 16:00	14/09/2020 16:00
Asset	10366	10366	LIVE 0011	DELETE ASSET		complete	0	The asset is scheduled		0	14/09/2020 15:59	14/09/2020 15:59
Asset	10446	10446	BATMAN	NEWS STORY APPROVAL	WS Journalist create Story	active	0	Updated asset 10446 to Not to be broadcasted		0	14/09/2020 11:16	14/09/2020 11:16
Asset	10444	10371	FastFurious 8 AUDIO	2 AV LIBRARY ACQUISITION V3		fault	1018008	Error 1018008, Level 16, State 1, Procedure -, Line 1: Message: error encoding script: mencoder(1018008, 10, 1), Message: This action is an imported placeholder, after import must be replaced with a real one		0	12/09/2020 23:51	12/09/2020 23:51
Asset	10445	10445	ADORE GT	2 AV LIBRARY ACQUISITION V3		fault	1018008	Error 1018008, Level 16, State 1, Procedure -, Line 1: Message: error encoding script: mencoder(1018008, 10, 1), Message: This action is an imported placeholder, after import must be replaced with a real one		0	10/09/2020 22:16	10/09/2020 22:16

Object ID Code Description T-Workflow Action Status Results Message Deadline Priority Started Updated

Web Rack View



The screenshot displays a web browser window with the URL `http://127.0.0.1/EtereWeb/snmpe/viewracks.aspx`. The browser's address bar and menu bar (File, Edit, View, Favorites, Tools, Help) are visible. The main content area shows four racks of equipment, each labeled 'Room: MACHINE ROOM' and 'Rack: X' (where X is 1, 2, 3, or 4). Each rack is a table with 24 rows, numbered 3 to 24. The equipment names are color-coded: green for OMN6, orange for MDK2, brown for MDK3, dark red for MDK4, yellow for MDK5, blue for PREVIEW, purple for AUMAIN and AUCLONE, and dark green for TAPELESS RECEPTION. Rack 1 also includes NETWORK SWITCH, MTX, MEMORY, and MASTER CONTROL. Rack 2 and 3 are filled with LTO LIBRARY and HSM1/HSM2. Rack 4 includes PREVIEW and MDK series equipment. A vertical scrollbar is on the right, and a 100% zoom level is indicated at the bottom right.

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

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



Thank You

www.etere.com

