



## What's new in the latest version?

As with earlier releases, the new Etere version incorporates a complete set of new features developed following feedbacks from customers all around the world, a remarkable fact that illustrates how Etere reflects genuine needs, offering an unparalleled guarantee of work in the real world with an outstanding level of end-user suitability.

Each new Etere release offers significant new features and enhancements that greatly extend all the functionalities needed to comprehensively manage even the most complex workflows, including Ingest, Scheduling, Automation, Media Management, and Archiving processes, characteristics that results into an integrated solution that encloses the most of synchronization and efficiency into a cutting-edge product. Etere releases detailed in this document includes the following versions:

Etere changelog history		
	Released version	Release date
	<a href="#">Etere 22.5.x.x</a> 	10/10/2012
	Etere 22.2.0.2	01/06/2012
	Etere 22.1.1.1	01/01/2012
	Etere 21.x.x.x	01/01/2011
	Etere 20.x.x.x	01/01/2010

As usual, new versions will be available as a free upgrade for existing customers with current active licenses, providing them with a large number of new features that will certainly maintain ETERE at the forefront of innovation in the broadcasting sector.

Customers can request a custom changelog between their current installed version and the latest Etere version by contacting the Etere's customers support service; detailed information on how to upgrade an Etere system can be found in the Upgrading your Etere System chapter.

## Etere 22.5.x.x

Etere v22.5.x.x (Release date: 10/10/2012)

### New Features

New features included on this released version will be available throughout all modules that compose the Etere's integrated solution, amongst the new features provided with this release the following ones stand out:

Etere module	Feature description	Related call
<b>AD Insertion</b>	Etere AD Insertion has been improved to be more flexible and efficient, it now allows inserting and transmitting targeted local advertisements over ad-breaks and thus maximize the use of their local advertisements.	123657
<b>Air Sales</b>	Added the possibility to drag&drop exploded events on SE. Moreover, exploded events are highlighted with a proper icon and their deletion requires a confirmation (to delete only the selected part or all parts).	103158
<b>Air Sales</b>	A new function in SE allows to change the feed channel from which a live event is expected to be received.	111748
<b>Air Sales</b>	A parameter permits to check also during an auto-approval if a customer has either exceed or not its credit agreement.	111821
<b>Air Sales</b>	A Multichannel Grid has been implemented to offer an easy, fast and common editor for all of your scheduling including automatic and flexible schedules changes, frame-accurate assets planning, intuitive event selections, automatic rights verification and structure export capabilities.	117894
<b>Air Sales</b>	The "change segments duration in the day" function of SE has been improved to update changed segments and related live events, update only changed segments (not live events), or update changed segments and ALL live events.	119465
<b>Automation</b>	The previous automation limit for handling filenames with a maximum of 20 characters has been extended to 32 characters.	121953
<b>BMS</b>	Etere BMS continues with its restyling to offer a better management of the broadcast rights of single and series programs, allowing to use said rights for placing programs and monitoring wrong placements.	125267
<b>BMS</b>	The Scheduling Linker tool has been improved to allow linking scheduled assets not only to commercial orders but also to purchase orders.	116139
<b>Configuration</b>	The "naming convention" used by Etere for managing files within metadevices has been improved in order to allows multiple files with the same name but different codec to be stored in the same metadvice.	113357
<b>Configuration</b>	Full compliance with the Windows 7 security directives including User Control Account (UAC), Specific Folder Permissions and more.	123572
<b>Configuration</b>	A new tool called "Lock Monitor" has been added to allow, through a simple and intuitive interface, to monitor in real-time the lock status of a database, providing detailed information on the locked objects.	122580
<b>Configuration</b>	Etere licenses are not stored in the windows registry anymore, now they are now stored in the MS SQL Server for a more secure management. In these terms, all Etere modules (excepting the automation) will require to be connected to the database server in order to be used.	114394
<b>Configuration</b>	Metadevices can be set now as offline to avoid their usage. This key feature will be useful, for example, to make devices down for maintenance to be set as unavailable to the system.	120583

Etere module	Feature description	Related call
Configuration	The "aired scheduling" base right is now related only to the real schedule; alternative schedules won't be subjected to this right and will allow, for example, to delete events on them and put them in black lists.	114859
Configuration	The very useful Workflow Monitor has been improved to allow setting the priority and deadline of workflows.	123334
Configuration	Now is possible to create a new rights structure by importing groups and users from your organization's MS Active Directory. A tool will automatically update the Etere Rights structure by comparing it against the MS Active Directory.	124156
Configuration	The Space Monitor now displays the space used and remaining on each device managed by the system.	124826
Data Mover	An extension allows Etere Data Mover to communicate with EVS IP Director systems to exchange assets and keep the media library always aligned with used EVS systems.	119112
DoMa	The storage of DoMa files (documents, images, etc) in a new database continues its improvement, thus speeding-up the production database.	117827
HSM	Etere HSM extends the usefulness of the IBM® LTFS (Linear Tape File System) format by providing the support needed to properly read and write on LTO-5 tapes formatted in LTFS format as they were disk volumes.	120873
HSM	It has been included the capability to undelete metafiles which have been logically deleted from a tape, this, by restoring the deleted metafile(s) in the database.	112956
Ingest	The ingest of assets related to virtual assets has been improved to update ingested data across all related virtual assets depending on specific criteria.	123345
MAM	A new module named "Subtitles Manager" allows stations to perform an own in-house subtitling (e.g. subtitled movies, captioned news, etc), providing also automatic speech recognition capabilities to directly dictate subtitles without typing them and thus save both time and money.	119729
Media Library	A video file multi-import function has been inserted for allowing to quickly and easily import an extensive series of files (e.g. derived from a shooting session) for producing a final product, this function enables them to import all file-based clips with just few clicks.	119816
Media Library	A new "proposals" section has been added to the media library to provide a scheduling history of all order lines linked to the current asset.	105479
Media Library	Added the capability of previewing individual segments from the EDL.	116128
Media Library	In case an asset is set as a "live" media, its feed channel will be displayed including the status, number and description.	121085
Media Library	The procedure for logging archiving operations on the media library has been modified to allows simultaneous process (archiving tasks completed at the same time) to write their logs.	125460
Money	All invoicing and accounting tools have been grouped into Etere Money, the solution to carry out transactions recording, deadlines management, payments registration, commissions settlement and accounting reports.	123212
MTX	A new configuration allows to set the mapping between the metafile SMPTE data read by the MTX Info action and the media codec.	120765
MTX	MTX now supports the release 9.1 of the DSX developed by Matrox.	126322
MTX	New formats have been added to the list of supported profiles of MTX including the industry standard ProRes.	124992

Etere module	Feature description	Related call
Promo	The promo management has got its own module, Etere Promo is the solution for the effectively management and monitoring of the entire promo activity of a station including campaigns and versioning.	119791
Reports	Lots of new reports have been added to the Air Sales section for allowing station to better analyzes their costs and revenues.	127139
Reports	Added the "orientation" parameter to the Event Log Report to allow the vertical paging of the report.	123241
Resources Management	A new solution for the management of resources, it brings stations with a seamless and end-to-end management of their production workflow, allowing to allocate technical and human resources to the various worksheets involved in an enterprise broadcast management.	123414
Scheduling	The EE now counts with a function to quickly explode events into a custom number of parts which can eventually differ from the scheduled duration.	124105
Scheduling	The crowding limits for local stations have been modified to accomplish the new related legislations to which it is subjected.	124343
Scheduling	A new column has been added to the EE to exclusively display the STMan secondary events related to scheduled events.	124622
STMan	Added the possibility to set the pre-roll of a script and retrieve it automatically every time it's included into a secondary object.	123463
Tape Management	When loaning a tape, it is now possible to use company contacts to filter retrieved data to only those contacts of a certain company.	116129
Web Services	Etere is now capable to remotely execute workflows against assets exported to other federated systems, this feature is added to the already existing capabilities for imported assets.	124535
Web Services	Numerous new functions has been added to the list of asset/metadevice/ workflow operations supported by the <b>Etere Web Services</b> .	121706
Workflow	A workflow action allows to reset the duration of an asset. This action will be useful, for example, to update assets no more linked to a deleted media.	113852
Workflow	A new workflow action has been implemented to set/change the original source from which the asset has been acquired by the station (e.g. ingested, transferred, transcoded, etc).	119868
Workflow	Added an action to set up the deadline of a workflow to the <i>scheduled on-air time</i> of the asset to which the workflow is attached.	123333
Workflow	A new workflow action is now available for including free text comments into workflows, thus allowing to improve their overall understating.	123409
Workflow	A new workflow action now permits to know if an asset file is "zero-based", thus avoiding wrong offsets when exploding events.	124293

(click on the hyperlink to directly go to the related chapter)

## Bug fixes

Some known bugs submitted by our customers have been corrected in this released version to improve the quality and reliability of Etere, most important bugs fixed with this release includes the following ones:

Etere module	Bug description	Related call
Aligner	A problem with Etere Aligner has been solved, it avoided events from being updated in the EE playlist.	121337

Etere module	Bug description	Related call
Air Sales	It have been solved some problems present in the form for selecting customer when assigning assets to proposal lines.	105574
Air Sales	Multi-selection is fully supported during the management of standard sales proposals, allowing operations (change data, delete line, approve line, etc) to be performed for multiple lines.	106933
Air Sales	Pricing ratios can now be applied to not only to the current price list but also to other price lists.	109475
Air Sales	Weekly schedule is now able to display for every block, the description of either the asset or series contained on it.	109485
Air Sales	White and Black lists can now be ordered by date, time, customer, etc.	109967
Air Sales	Now supervisors can approve either a selected row or all modified rows from the "modify proposal" sales area.	111131
Air Sales	A new "approval form" button has been added to speed up the approval process. Moreover, the "customer reference" field has been added to proposals and related sales reports.	111906
Air Sales	The "change asset" function of SE now allows to replace a non-contractual event with another one also over the selected position.	112164
Air Sales	An incorrect error related to the commercial crowding has been fixed. Now, the commercial crowding is automatically disabled for non-Italian countries.	115197
Air Sales	The position of columns present in the White and Black lists can now be customized.	115426
Air Sales	The "change asset" function of SE has been modified to also include the visualization of events within segments.	117463
Air Sales	The "change asset" function of SE has been modified to also include the space occupation of segments.	117464
Air Sales	The operator notes of the SE have been improved with text-wrapping.	117946
Air Sales	Now, when setting the operator notes of an exploded event from SE, the operator is able to decide to apply it only to the selected part or all the exploded parts.	117948
Air Sales	A "set event scheduled time" function of SE now allows to change the expected scheduled time at which the event will be transmitted.	117951
Air Sales	The "change asset" function of SE now allows to replace a non-contractual event with another one also over the entire day.	117952
Air Sales	The "replace block" function of the Weekly Schedule has been modified to load blocks based on their scheduling order.	120398
Air Sales	The "F5" shortcut for refreshing the information displayed for scheduling batches has been removed from the Orders module.	121077
Air Sales	It has been fixed a problem related to the compliance of the maximum daily runs set for a proposal booking.	124212
Air Sales	Solved an issue related to the correct the automatic association of blocks to proposals in case of changing the period of the proposal line.	124663
Automation	A freeze issue that delays the clip change has been solved, thus avoiding this issue to cause a black on-air.	121435
Automation	A problem regarding the functioning of the ET557 Control Panel has been solved, now it works even if the "ping device" is not enabled.	122816

Etere module	Bug description	Related call
Automation	Automation has been improved to send the <i>physical start</i> of MTX clips within the automation playlist (TPAL) to MTX server, thus making this information available for the playback.	126014
BMS	The Series and Programs Schedulers has been modified to prevent users from deleting episodes from multiple stations, now, they will be prompted to choose to delete them either from the current station or all stations.	114234
BMS	An unhandled exception given by the Program Scheduler has been fixed.	120408
BMS	It has been fixed a problem of the Series Scheduler related to the visualization of the "next program" of a just scheduled series.	121381
BMS	Solved a Series Scheduler's issue regarding the insertion of the validity date of a series.	121414
Data Mover	Problems with workflows attached to the same asset media have been resolved by making <b>Etere Data Mover</b> able to detect jobs which require accessing the same media file to queue and execute them one-by-one (updating media links at each job completion).	123172
F90	The "index out of bounds" error has been corrected, it used to occur when using the visualization of only enabled imports/exports when no import/export was actually enabled.	120943
HSM	It has been solved a problem related to the incapability of manually loading a tape from headquarters in case of using two single-drive datapumps through two robotic servers (one connected and one disconnected).	121562
HSM	Moving -empty or partially used- tapes between media pools is now allowed only if the tape doesn't have queued operations on HSM.	123082
HSM	An SNMP message will be sent in case Etere HSM is unable to archive (find and access) any file from any station.	123284
HSM	The Work-queue view of headquarters has been redesigned to include current, failed, completed, requested and custom jobs.	123402
HSM	It has been fixed a "list index out of bound" exception displayed by HSM Headquarters when using an old Adrienne board.	125296
Ingest	A new workflow actions has been implemented to allow resetting the logical marks of an asset and deleting its EDL. Moreover, the Quality Check has been modified to warn the operator to check the logical marks in case the physical duration is different from the logical one.	117336
Ingest	Now, after every ingest, the "original source" metadata of an asset is set as "ingest" and in case the ingest is performed from a tape, that tape is set as default.	119866
Ingest	A message has been implemented to remind the operator -in case the physical marks have changed- to check the logical marks before saving the ingested media.	121960
Ingest	It has been corrected an issue related to the incapability of ingesting from a tape with SOM=00:00:00.00.	124561
Ingest	A problem regarding the delay encountered when transmitting commands during the ingest.	124662
Ingest	Ingest (Easy, Multi and QC) has been improved to check if the SOM is different from zero in case of ingesting on a MTX server and ask the operator for a confirmation since the loading may change the marks in the media library due to the fact that MTX works only as zero-based.	126064

Etere module	Bug description	Related call
MAM	The list of full-text results of the News Metadata Insertion module now includes the "tape code".	116125
Media Library	Now it is possible to view the thumbnail of assets during the search, directly from the list of results.	124229
Media Library	The "update media and properties across schedules" function has been modified to work the same in the media library and the series manager.	122611
Media Library	The "update title and code" function has been modified to work the same in the media library and the series manager.	122612
Media Library	A new column has been added to the list of search results, it will indicate the quality value of the asset.	122633
Media Library	A new column has been added to the list of search results, it will indicate if an asset has either or not Do.Ma. files.	124443
Media Library	Two new filters have been added to the search engine of the media library to look for assets with and without SIAE data.	124480
Money	The refreshing frequency of the progress bar that automatically refreshes during the generation of orders invoices has been increased.	115784
Money	The Adjustment note (settlement rebate) generation as part of the "payment with rebate" has been removed from the Invoices report.	117389
Money	Solved the printing of Illegal characters when generating a statement report based on a file which name has asterisks.	121338
MTX	MTX has been improved to read the <i>physical start</i> of clips within the automation playlist (TPAL) with a non-zero timecode, thus avoiding the play of black video.	124857
Object Reel	The Sort Event Reel module has changed the way of restoring clips, it is now based on a preset workflow.	125657
Query Manager	A "stop" button has been added to the Query Manager to allow the interruption of the execution of queries.	115246
Reports	The "customer" column has been added to the White/Black List report to allow a better reading of the contained information.	108837
Reports	The Program Schedule report has been improved to automatically set the "to" date in case of changing the "from" date.	117934
Reports	The Program Schedule report has been modified to read the "supporto" (media) field from the playlist rather than from the media library.	122610
Reports	The "type code" column has been added to the Program Schedule report to allow a better reading of the contained information.	124669
Scheduling	It has been corrected related to the incapability of publishing a playlist in case of error (e.g. publication path not accessible, playlist file corrupted, etc). Now, in case a "main" publishing returns an error the publication path is set as inaccessible and a "clone" publication is performed.	121222
Scheduling	There have been solved some issues related to the explosion of events in the broadcast playlist.	114215
Scheduling	It has been solved a problem regarding the file exported by the PBL EPG SKY export function containing playlists with explode events.	126051
Scheduling	An error message from the "emergency play from vtr" has been corrected by implementing a check that avoid loading tapes for live events, the problem occurred when loading the same tape after using the "emergency play" function.	121966
Scheduling	Everytime an "update durations and secondary events" function is executed for an exploded event, the "explode all break points" function will be also executed automatically for that event.	122971



Etere module	Bug description	Related call
Scheduling	It has been fixed an issue on Live Assist, it arisen when loading one clip in between a break, only that clip is played and not the following ones.	123470
Scheduling	The Live Assist has been improved to show an "hourglass" when loading a snapshot. The F90 now keeps only the ten more recent snapshots.	123658
Scheduling	The EE functioning has been improved to avoid slowdowns when accessing the production server.	124438
Scheduling	It has been solved a problem related to the deletion of empty spaces from the EE playlist.	124715
Scheduling	Executive Editor has been improved to insert information related to the <i>physical start</i> of MTX clips within the automation playlist (TPAL).	126069
Tape Management	The Tape Loan module has been modified to allow only supervisors to hide returned loans.	116127
Tape Management	The Tape Loan module has been modified to allow only supervisors to delete loans.	120045
Workflow	New action created to solved an issue related to the resetting of the duration of an asset after the deletion of its linked media.	109285
Workflow	The "EDL conforming" action has been modified to allow to customize the resulting asset (type, linked workflow, etc).	112362
Workflow	Workflows actions for <i>retrieving from digital libraries</i> are now recorded into the operations log, thus avoiding errors related to asynchronous TXT subtitles.	125177

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