Etere

a consistent system

Release Notes

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**
	Etere 25.2.0.1 [3]	**01/12/2015**
	Etere 25.1.0.1 [9]	**16/02/2015**
	Etere 24.x.x.x [14]	01/01/2014
	Etere 23.x.x.x [20]	01/01/2013
	Etere 22.x.x.x [27]	01/01/2012
	Etere 21.x.x.x [43]	01/01/2011
	Etere 20.x.x.x [47]	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 25.2.0.1

Etere v25.2.0.1 (Release date:)

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	Reference
Air Sales	Etere has increased the address field limit in personal data form.	137306
Air Sales	Etere has removed the order code from CP printout.	162177
Media Library	Etere has included a modify request to reset the person in charge and date of arrival by WF.	153094
Media Library	Etere has created a feature to upload and populate fields of Etere Media Library through excel import.	164995
Air Sales	Etere has created a 'Line ID' in Proposals and Filling SE tool.	162030
Configuration	A "default series manager" type is created in confirmation types editor/types.	117943
Configuration	An option is created to permanently save the invoice documents to the same folder.	128757
Money	A new feature allows sales invoices to be saved in alphabetical order.	152098
Money	A new feature allows sales invoices to be saved by client groups.	152099
Air Sales	A new feature allows changes to be made to the proposal-approved lines model and booking.	132973
Money	The tab/notes field in manual invoicing has been modified to include an option to remember past data.	154307
Air Sales	A new feature allows multi-selection and suspension of all selected lines in booking server.	154293
Air Sales	A new feature has a pop up menu of reserve server that moves the selected items to the top of the list.	154292
MAM	A new feature allows task status update between operators on Agenda View GUI.	154588
BMS	The ability to view and edit is added within the module contracts line during the moment of creation of the various episodes in series form.	152522
Configuration	A new function allows editing of the Media folder configuration from Etere configuration-resource editor-tool.	145152
MAM	With the new feature, it is now possible to make multi selection of assets to set the smpte.	141285
DataMover	The new feature allows delivery of .TAR files instead of folders.	156211
Configuration	Etere's vantage integration has been modified to support conforming.	157246
F90	A new feature with ability to import data XML X XSLT using F90.	156226
F90	A new feature with ability to import data XML X XSLT using F90.	156252
BMS	A modification on the artists records has been made to show stage name display as "Name, surname".	162702
Configuration	A new feature which shows multiple rows selection for agenda task and editing for flexi metadata.	149791
MAM	A new feature which allows multiple row selection of agenda task and set output.	149792
Nunzio	CLASS-X MOS Control is added in Nunzio.	157121
MAM	A new feature which allows hold/unhold function for stories in rundown.	157393
MAM	A new feature which allows statistical view of users who have already done the agenda task.	157506
Nunzio	A drag and drop feature for story has been included in new release.	157193
Nunzio	A new feature allows story from rundown to be copied into a new version.	157227
Nunzio	The feature to post video is modified to include video duration to the total time and it is also counted as part of the history.	157229
Nunzio	A new feature which includes a counter of the rundown duration and a counter with the difference between the set time rundown and actual duration between script and video.	157228
Nunzio	A new feature allows the integration of Class X ActiveX in Story Editor.	166992
Nunzio	A new feature comprising of story operations log which allows the creation of a special table or exploitation of the DB log.	164970
Nunzio	A new feature which allows a form for editing and for the controller in Nunzio.	164974

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	Reference
MAM	The viewing of subtitles in low quality was corrected.	145317
Configuration	The bug that affected copy and paste shortcut in replacement multichannel was fixed.	146814
Air Sales	The bug that caused an unhandled exception error for all orders without linked assets was fixed.	167187
Air Sales	A fix has been put in place for the following bugs: There are 4 warning messages to say that there is an illegal character when running invoices.	162124
Configuration	A fix has been put in place for the following bugs: There is an invoice report warning that pops up during the invoice print process.	162074
Reporting Service	Solved the issue of the Revenue Sundries feature being in Italian.	162414
Air Sales	A solution was put in place for the issue of weekly schedule/replace blocks function which does not have an option for destination segment filling that really works well.	142548
MAM	The feature for search for code tape from MAM has been fixed.	131668
BMS	The bug resulting in OTT module not being able to find an asset has been fixed.	156516
Import/Export	The following VOD content error was fixed: File size in the "XML ASSETS FULL FOR XSLT" does not match file size in database.	156578
Scheduling	The bug in Etere's XSL Transformation feature that causes it to be unable to validate when adding doctype-system="ADI.DTD" parameter to the xsl:output section of the script has been fixed.	156611
Configuration	Fixed the bug of HQ being unresponsive after selecting media branch and being unable to read tape already in the library.	162344
Ingest	The connection failure error in active sync has been fixed.	162145
Configuration	The error which resulted in the malfunction of enable station feature in workflow actions editor has been fixed.	162507
MAM	The error "not enough free space on destination folders" which surfaced when trying to copy a bundle file has been fixed.	158134
Configuration	Solved the issue which caused the HSM cache manager to delete assets which were the metafile in HSM cache even when it's not set to run.	157249
DataMover	Fixed a bug that caused the data mover to frequently lose all data processors and reject new job until you restart it.	161019
Configuration	An issue with .mov files which caused changes with the physical duration of the file in the multi-framerate feature was fixed.	161844
Configuration	An issue which caused wrong conversion between media info and file info data was fixed.	154661
Ingest	A bug which caused the "On-Air" date field to remain empty when it should have been populated has been fixed.	167386
Ingest	Ingest 5 has been modified so that MTX2-channel4, MTX3-channel 4 and MTX4-channel 2 resources which have also appeared will be corrected.	167213
ActiveSync	The new fix resolves the problem of Etere ActiveSync being unable to run MD5 generation on files of 0kb.	162087

Etere 25.2.9.0

Etere v25.2.9.0 (Release date:)

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	Reference
Nunzio	You are now able to hold/unhold the story within the contextual menu.	**162749**
Nunzio	A new function is now available that allows editing of the news ticker.	**161968**
Nunzio	The Mos Object Tree Node is used to search and add Mos Object into the story.	
Nunzio	The Video Tree Node is used to add video items into the story.	**162307**
Nunzio	A Counters Section has been added that allows you to view the remaining duration of the Rundown.	**162634**
Nunzio	A Story Operations Log feature generates a snapshot of every save instance of a story. You can view these snapshots to see all the earlier versions of a story, and also compare two snapshots to see the changes made between them.	**168511**
Nunzio	Installing ClassX and ActiveX allows you to add a mos object in the Story Editor using the dropdown list. An existing mos object can also be edited.	**167002**
Nunzio	There is a new Rundown on-air mode. This Rundown on-air mode is separated from video on-air mode.	
Nunzio	The Search function in Rundown has been enhanced. You are now not only able to search by date, you are also able to search for history.	**158687**

(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	Reference
ActiveSync	The ability to import XML X XSLT as sidecar on ActiveSync has been added.	**159032**
ActiveSync	A new parameter "Delete Media Entry if the file does not exist" has been added. This allows the deletion of links from asset if the file is no longer present in Avid.	**161107**
Air Sales	The ability to add package order information has been added to new order creation.	**161371**
Air Sales	The ability to insert a new segment has been added to the strategic editor.	**161653**
Air Sales	The ability to suspend all the selected lines has been added to the booking server.	**154293**
Air Sales	The multiselect function has been added. Keyboard shortcuts have also been added for "Select all" (CTRL+A) and "Unselect all" (CTRL+Z). Please note that before selecting the items, the "Pause" button must be selected from the popup menu.	**154293**
Air Sales	A bug within the Order tab has been fixed, with the commission number in the billing invoice now displaying correctly.	**171180**
Air Sales	The information available in the log file has been expanded to include start program, close program, automatic restart and user operation (close, open, start and stop).	**162876**
Air Sales	An amendment has been made to the "Personal Data layout", in which a person with the entity type as salesman will not have the company layout.	**171227**
Air Sales Light	The ability to save and enable your earlier selections has been added with Default Series Manager.	**161905**
BMS	You are able to include a single episode of a series in the contract when selecting an existing series or when creating a new contract.	**161485**
Configuration	You are now able to set the SMPTE for multi-asset selection.	**156897**
Configuration	The ability to block permissions for a user or group to modify version number and code field of an asset has been included.	**162960**
Configuration	Vantage variables has been added, and Vantage wfs modified to bind to the variables added. Note: Any customers using the Vantage API from version 24 when they are upgrading to version 25.2 will need to change due to the support of variables from Vantage.	**168537**
Configuration	The ability to deliver .TAR files has been included into the VOD-packaging workflows.	**158719**

Etere module	Bug description	Reference
Configuration	The ability to enable an "Early Payment Discount" has been added to Payments.	161141
Configuration	Only selected columns will be shown for Media Info Codec Mapping.	162779
Configuration	The ability to print reports for virtual routers has been added.	157158
Configuration	There is a new editing layout for virtual layout.	157166
Configuration	A bug that affects the switching has been fixed.	157162
Configuration	There is now a single table with no switching cross points for the configuration layout of the virtual router.	157160
Configuration	There is a change to the operation of Mfr_Convertedall in multi framerate.	158413
Configuration	The player "MTX-XP" has been added in codecs configuration.	158477
Configuration	The ability to set the destination as variable has been added to the Signiant integration.	158912
Configuration	The description and asset code is included in the subject when sending email using DBmail. The ability to add attachments like Certify PDF is also added.	161677
Configuration	Conforming support is now available for Vantage integration.	161791
Configuration	A filter has been added to the External Digital Archive to allow retrieval of media for assets with a code length that is less than 17 characters.	161417
Configuration	Etere's codec compatibility has been enhanced to cover a much wider range of codecs and file info than before.	157281
Configuration	The ability to display the video standard has been added. This is for customers who are using multi-framerate, as it displays the video standard for the codec.	162884
Configuration	A new internal function for SQL server has been added. This new stored procedure will retrieve all the workflow attached to the asset.	162592
Configuration	The Media Info Codec Mapping function is enhanced by the addition of UNKx codecs and they act as a fallback for each video standard when there are no matches to be found.	171155
Document Management	The ability to insert files into the Document Management by dragging and dropping them from Windows Explorer has been added.	158924
EtereWeb	The SP for Bundle Asset has been updated.	168500
EtereWeb	The file management for bundle asset is now able to manage any .zip file, in that any .zip file are unzipped and imported.	168702
EtereWeb	The ability to change the layout settings for full-text searching in Etereweb has been added.	157425
EtereWeb	The ability to see the search results of metafiles visually has been added to Etereweb.	162505
EtereWeb	The full-text search has been made independent from the standard search.	158974
EtereWeb	An error when opening the workflow tab in EtereWeb MAM has been fixed.	162731
EtereWeb	The "autosave web asset" function has been added. If enabled, this function will save the asset during navigation between tabs.	162244
EtereWeb	A column that contains the flexi-metadata of media has been added to the search results.	167205
F90	A new parameter to export playlist with full events has been added to F90.	159063
F90	An XSLT export has been added to F90, which allows you to export data XSLT usung F90 and activesync as sidecar xml.	158998
F90	A new function "Enhanced workflow to run if the Tag <DUPLICATE FROM>" has been added. This runs the metadata, SMPTE "DUPLICATE FROM".	161195

Etere module	Bug description	Reference
HSM	The working principle for the Robotics main and backup is that the client (or datapump Headquarters) will communicate with one of Robotics. If this is not achievable, it will then start to communicate with each other.	156616
HSM	The ability to read AXF tape format has been implemented in HSM.	159008
HSM	Able to perform a check drive mismatch, by current serial number check, before tape read/write operations.	170030
HSM	The Recatalogue process has been split into two parallel threads. One thread reads the tape while the other parses the data and updates the database.	170087
HSM	Datapump now detects drive device name by its configured serial number. This is to avoid mismatches whenever the pc changes the tape symbolic names of the drives.	171142
HSM	The Datapump Configuration form now links the tape drive device (eg: Tape0) with the corresponding library drive (eg: 256) automatically, using the drive serial number.	171145
Ingest	A bug has been fixed so that the files are deleted in cancellations.	158582
Ingest	A new function to add item under Import Bundle Asset has been added. This allows a file to be added to metafiles. And if the existing file is to be replaced, the file to import must have the same directory structure as the existing.	158938
MAM	You are now able to perform multiple selection of the same types of tasks in order to set the same result for them simultaneously.	156856
MAM	For multiple selection of the same types of tasks, you are also able to edit flexi metadata for all of them.	156858
MAM	The subtitles management function has been enhanced, and the fields that are checked when a subtitle file is imported is now as follows: Total Number of Subtitles, Disk Format Code and Country of Origin.	158385
MAM	TSM integration is now available with MAM.	162550
Media Library	A mandatory field check on worksheet action completion has been added.	158437
Media Library	The ability to perform with AJA or Blackmagic card inside the asset form has been added to Etere Player.	158556
Media Library	The search filter "Add Flexi-metadata column" has been added.	157476
Media Library	A delete/normalize tab has been added to the workflow.	162371
Media Library	The ability to search by tape codes has been added to full-text search.	166995
Media Library	The search results within the Media Library has been enhanced to include a data tape code column.	162956
Media Library	The ability to export assets above 1000 has been added to the Export function in Media Library. A notification will also be displayed should export assets exceed 1000.	171131
Memory	The ability to restart application in a different year has been disabled.	161448
Money	The ability to select different types invoices to be printed has been added.	168726
Money	The Manual Invoicing has been enhanced with a new option for automatic saving. An option to view the last inserted note has also been added.	168556
Money	The ability to insert more lines into a notes group has been added.	168496
Money	A new filter has been added to the search parameters for invoices that allows you to select either 'Manual', 'Automatic' or 'Both'.	167209
Money	In the window 'Select Orders to be Invoiced', it will now open with your last selections.	167421
Money	The ability to move notes and description lines up and down the list has been added.	168494
Money	A Module type column has been added to the invoice view	168553

Etere module	Bug description	Reference
Money	A agency selection filter has been added to the section on invoices printing.	168647
Money	The direct client invoices are able to be saved in the same order as the print on paper selection.	161544
Money	The agency invoices are able to be saved in the same order as the print on paper selection.	161546
Money	A search message has been added to the status bar to indicate that a search is in progress. The search button is also disabled during the search process.	167291
Money	The Notes lines has a green font to differentiate between Notes lines and Description Lines.	167286
Money	The second date value will change automatically to reflect the same date that is selected in the first date value in the Automatic Invoice section. A warning message has also been added which will display if the date range is not valid.	167297
Money	The second date value will change automatically to reflect the same date that is selected in the first date value in the Document List Report section. A warning message has also been added which will display if the date range is not valid.	167299
Money	The "Invoice Date" will automatically be populated with the same date as the "To Date" in the 'Period to invoice' section.	167302
Money	The ability to add Notes and Description Lines within any columns in the list has been added to the manual invoicing tab.	168492
Money	A GST column has been added to the Lines Tab within the Manual Invoicing section. This shows the GST that the customer will be billed.	167365
Money	The total amount column within the deadlines tab under manual invoicing has been amended to reflect the total amount including GST.	167371
Money	A bug has been fixed in the invoice registered in Prime Entry. This avoids the message (Reconfirm the transaction) during the Prime Entry Check.	171114
Money	Two additional checks have been added to money, under Insert Control.	158724
Money	A bug has been fixed for the invoice registered in Prime Entry, to avoid the message "Reconfirm the transaction" in the Prime Entry Check.	171183
MOS Gateway	BOM management has been amended to include heartbeat time required by ClassX.	167194
MTX	The MTX toolbox has been modified, with a name change to the log, the Mediainfo to be used instead of the serviceApp, and an increase in the speed for the list of clips with the duration.	158485
MTX2	A Standard Log Saver has been built into MTX2 for fast troubleshooting. This feature will automatically retrieve the current day logs of both MTX2 and Windows and send it to the Etere FTP.	168463
Multichannel View	The ability to change the height of the warnings message has been added.	169996
Nunzio	The ability to drag and drop assets into the video editing window of the Story Editor has been added.	157923
Nunzio	The ability to paste a copied story into a placeholder has been added. This will replace the placeholder with the copied version.	161548
Nunzio	The ClassX Mos control has been added to Nunzio	168569
Nunzio	The duration of a video file will now be displayed when you add a video file to the story.	161538
Nunzio	When Nunzio is launched and a journalist has tasks assigned, the Agenda View will be opened and tasks node expanded.	169983
Reports Repository	The order code has been removed for all Transmission Reports printouts.	162180
Reports Repository	The Stage Name under Artist Reports has been changed to display 'Name' followed by 'Surname'.	162899
Reports Repository	The ability to narrow the retrieved results by either the Collection filter or the Cluster filter has been added.	167335
Reports Repository	The ability to combine customer spending in one column by selecting multiple stations has been included in the Customer Revenues Analysis Report.	161762

Etere module	Bug description	Reference
Reports Repository	A notification message has been added to Multi Statement. If there is a selected statement without an email address, the message "There are some customers without emails. Do you want to send emails anyway?".	**161736**
Scheduling	The ability to change show/hide specific tabs in the Series Manager has been added.	**157310**
Scheduling	The ability to import programs divided into parts has been added to the Standard Louth Binary.	**158572**
Scheduling	The ability to open the Cartwall section within the Tools dropdown bar of the Executive Editor has been added.	**158590**
Scheduling	The asset catch-up for both CANAL SAT XML and NUMERICAL XML has been modified to accept 'An User Passed'.	**159061**
Scheduling	The custom import "PLAYLIST XML GRAPHICS CONTINUITY" has been added to the custom import section.	**162465**
Scheduling	The custom import "ULIFE ASSET CSV" has been added. This allows you to import assets from a .csv file.	**162163**
Scheduling	A custom export "Orange Catch up" has been added. This allows the creation of a file in XML format containing the data asset.	**160976**
Scheduling	The function "perform import as my email" has been added.	**162162**
Scheduling	A [Preset] button and a [Play] button has been added within the section 'Run "manual" secondary events'. The preset button allows the previewing of a graphic before going on-air, while the play button plays the graphic after previewing.	**171212** **171215**
Tapeless Reception	An option has been added that allows you to set the date of arrival. For the older shares, they will continue with the existing behavior. In order to change the date, the shares just need to be re-created and it will be updated. Note that the default is set to the current day.	**156749**
Web Services	The function "GetAssetFlexiMetadataList" has been added. This will generate an XML file containing the list of used asset flexi metadata.	**162943**
Web Services	The function "GetAssetListByFlexiMetadataItem" has been added. This returns the list of existing assets satisfying a flexi metadata filter according to the user rights.	**162943**

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

Etere 25.1.0.1

Etere v25.1.0.1 (Release date: 16/02/2015)

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	Reference
ActiveSync	Added the management of "Bundle Assets", to allow scanning a watch folder and import into Etere all files contained on it, maintaining the file structure and original names and paths.	**127195**
ActiveSync	Ability to create new assets for existing files, specifying a preset type and code rules.	**150633**
Adobe Integration	The Adobe Panel has got the ability to automatically launch a restore workflow when files are unavailable on expected cloud-device.	**152825**
Adobe Integration	The Adobe Panel has got the ability to automatically launch a predefined workflow after the creation of sequences.	**152828**
Adobe Integration	The Adobe Panel has got the ability to automatically launch a predefined workflow after the sending of projects.	**152829**
Adobe Integration	Added the ability to create an asset with user-entered metadata (code, title and type) before sending a file.	**152830**
Adobe Integration	Added the ability to create an asset with user-entered metadata (code, title and type) before sending a project.	**152831**
Air Sales	Multichannel Grid has got the ability to export scheduling blocks in Excel format with custom layout.	**117894**
Air Sales	The Multichannel Grid has been enriched with the visualization of the "Scheduled time" column.	**127659**

Air Sales	The Multichannel Grid has been enriched with a custom layout for columns and information balloons for programs.	**127660**
BMS	When creating an order line, it will be possible to choose license dates from either the related purchase order or the associated material.	**152519**
BMS	When creating new program/series from a purchase order line, it's now possible to extend some order line's information (production date, country, etc.) to the program/series.	**152521**
BMS	Series Manager now includes a start and end dates for license validity.	**152523**
BMS	BMS has been integrated into Executive Editor to prevent the scheduling of programs belonging to a particular type (e.g. series, films, etc.).	**152525**
CMS	The Content Check is now able to detect if an audio track is either mono or stereo.	**145759**
CMS	The automatic acquisition of thumbnails has got a custom behaviour (always, never, only if not yet exist).	**153676**
Configuration	A XSLT Editor allows creating custom XSLT schemas to be used to import/export data from/to the Etere database.	**149867**
Configuration	The Workflow Designer allows showing, for a particular action, all the workflows in which said action is used.	**150256**
Monitoring Console	The Monitoring Console is now able to play a sound when a SNMP message is received (e.g. missing files for on-air, copy failed, etc.), either once or repeatedly until a user intervention.	**150300**
Configuration	The XSLT Editor now support scripting compatible with .Net framework 3.5.	**151160**
Configuration	A powerful Data Replacement tool is now available for administrators, to allow them to quickly and safely replace the name of an action in few clicks.	**153970**
Configuration	A "Multi frame rate" section allows configuring a multi-standard framework to support the use of two or more standard formats for proxies, partial restore, subtitles, voice over, encoding, etc.	**152947**
EtereWeb	A preset workflow can be now configured to be automatically launched when a new file is linked via web to an asset.	**153007**
EtereWeb	A new feature called "Shopping Cart" is now available to allow browsing assets and create request tickets to execute a set of processes (e.g. conform and download) against master-clips (entire assets) or sub-clips (partially restored or conformed).	**152483**
HSM	Added an overview of all tapes managed within media pools.	**126911**
HSM	Added a explorer tool in Headquarters to view and restore files archived from Etere Memory.	**137505**
HSM	Tapes can now be quickly searched by barcode under the "Media" section of Headquarters.	**150831**
Import/Export	A "XML Assets Full for XSLT" export has been added to allow generating custom XML files (e.g. for Netflix VOD).	**144444**
Import/Export	A "XML Assets Full for XSLT" export has been added to allow generating custom XML files (e.g. for Cablelabs VOD).	**144445**
Import/Export	A new XSLT export allows generating one XML file per assets, containing all its data transformed through an XSL stylesheet.	**150139**
Ingest	The Scheduled Ingest module now checks at startup that no other instances are running in order to prevent problems.	**141511**
Ingest	The Preview engine has got the ability to use the aspect ratio of assets to convert media through video server's embedded ARC.	**147620**
Ingest	The original path and name of ingested files is now stored in the database for all ingest operations, whenever possible.	**150296**
Ingest	The Scheduled Ingest now allows viewing operations scheduled in the past.	**150826**
Ingest	More search filters have been added to the Scheduled Ingest, allowing users to look for operations based on a given range of dates, times and durations as well as asset codes and titles, router channels, etc.	**150827**
MAM	The MAM searching engine supports a global and user-specific filter layouts.	**150825**
Media Library	The Media Library allows saving and exporting workflow logs as text files.	**125041**
Media Library	Search results now can include the tape location of assets.	**126433**
Media Library	Flexi-metadata is now available to be used as search filter.	**130525**
Media Library	The use of State and Province metadata as filters has been improved by allowing to quickly select them from a list.	**131930**
Media Library	The "Person In Charge" filter supports multiple values to increase the retrieval range.	**137517**
Media Library	EDL now can be imported from Baton result files, in case a Baton QC has been performed for the asset.	**144102**
Media Library	The selection of artists related to assets now can be quickly performed through a popup selection form.	**148592**

Media Library	Added the ability to record and track all operations performed in the Media Library by users during their session, using a separate log database to store all recorded information.	**150829**
Media Library	Results of searches can now be excluded depending on their codecs.	**153199**
Media Library	Assets attached to a particular workflow can be now filtered based on the start/end date of said workflow.	**153200**
MTX	MTX has got news ticker feature to overlay and scroll changing text information over the video stream.	**151247**
Nunzio	Complete MOS support is now available on Nunzio, allowing to import and export rundowns from and to external devices and systems.	**150690**
Monitoring Console	The Workflow Monitor has got the ability to allow supervisors to unlock tasks assigned via workflow whenever they get locked.	**153382**
Reports	The "Revenue By Cluster Against Budget" report has been modified to include information from a custom set of stations.	**128750**
Resources	A new type of worksheet is now available to allow inserting Metadata.	**137409**
Resources	The Agenda Task now support direct insertion of metadata without entering assets.	**149787**
Resources	A note can be now included in worksheets automatically assigned to users to, for example, communicate the code of tape to be restored.	**150566**
Scheduling	Secondary events now can be copy and pasted from one event to another, thus saving time to playlist operators.	**130817**
Scheduling	The tool that allow operators to check and approve events imported from Air Sales and other systems is now called "Changes Approval".	**154015**
Scheduling	Scheduling logs have been modified to log the entire selection when the Update Length function is performed for multiple events.	**156487**
Scheduling	The execution of secondary events now can be managed manually by operators from a simple interface, which allow them to select when and which objects should be aired.	**156843**
Time Flooder	The set of SNMP messages supported by Time Flooder has been extended to cover more issues (e.g. time source switch, set time error, no sync event, etc.)	**127574**
Workflow	Copy actions are now able to use a temporary name for files during their transfer, applying the final name once the operation is completed.	**145151**
Workflow	A new "Flexy Converter" action allows using any Carbon project to perform workflow media operations (e.g. audio mixing) based on runtime attributes (tables fields, flexi-metadata, metafiles, subtitles, etc.).	**147120**
Workflow	The type assigned to partially retrieved segments now can be configured (i.e. same type as source asset, user type, system type).	**148534**
Workflow	The "delete from device" action now allow deciding whether to delete a file from ALL assets or only from the current asset.	**150096**
Workflow	The Asset Export and Multistep Copy actions support the XSLT capability, to transform exported files on-the-fly to meet particular specifications.	**150140**
Workflow	The AVID integration via workflow has been empowered to automatically pull material (along with metadata) from Avid and archive into near-line and long-term storage (including embedded HiRes ad Proxy transcoding).	**150261**
Workflow	The Packaging action continues to get better with more features such as the ability to create XML files on-the-fly, zip packages, XSLT transformations and more simple editor.	**154139**
Workflow	Workflows now can be exported from one system in the form of XML files, so they can be easily imported into another systems.	**174941**

(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	Reference
ActiveSync	The original path and name of files synchronized from video servers can be now stored in the database, allowing to update this information for already sync files.	**126652**
ActiveSync	Solved an issue that caused operations to get interrupted when the SQL connection was restarted, now operations are able to continue even after a restart.	**153783**
Air Sales	Added a new right to allow salesmen to view and modify proposals owned by other users, thus preventing the unnecessary use of the "supervisor" right.	**148545**

Etere module	Bug description	Reference
Air Sales	The "model 1" proposals interface has been improved to allow copying and pasting multiple booking lines (leaving materials aside) even across stations.	148767
Air Sales	It has been fixed a bug concerning to the display of columns added by users in the Multichannel Grid.	151996
Air Sales	Fixed a bug on Multichannel Grid that caused duration to be changed instead of the scheduled duration.	151997
Air Sales	The visualization of processing lines from the Booking Server has been improved to display only one record per line.	154274
Automation	Fixed an issue that caused Audio Over secondary events to not work correctly when their start and duration was the same as their related primary event.	150944
Automation	The Remote Panel is now able to trigger on-the-fly the conversion of aspect ratio by using the video server's ARC capabilities.	152201
Automation	The switch between master and clone automations has been improved to prevent the playout to crash when reading the TPal database return an error.	152532
BMS	Solved an issue concerning the creation of assets from Purchase Orders, the production date and start/end validity dates are nwo correctly set.	156489
CMS	The Content Check has been extended to hires codecs besides of low res, adding also the ability to perform audio-only checks (e.g. loudness, level, etc.) when video is unavailable.	147766
CMS	Fixed an issue related to NTSC files that caused CMS to acquire thumbnails with a wrong timecode.	154370
Configuration	Solved a bug on the Media Folders, that caused some cloud-devices to be ommitted from the list of target paths in the Conforming Settings.	151804
Configuration	A problem that caused wrong entries to be entered in Media Folders has been solved. Now, media folders can be filtered by their function (e.g. packaging).	153385
Configuration	The "Update license" deprecated option has been removed from system maintenance.	154110
HSM	Now the SQL connection is restarted every time the Work Queue is refreshed, thus preventing access violation errors.	150440
HSM	Improved the Headquarters Work Queue with the detection of lost database connection, thus alloing works to be temporarily paused (until the connection is restored) and send SNMP message (e.g. sql failure).	153144
HSM	Solved an issue that prevented HSM to delete old tilde files (e.g. ~2345Livenow 52.mxf), now said files are removed from the DataPump through either a "Sync Check" or "Free it Now" functions.	153150
HSM	Fixed a bug causing the "archive of current metafiles" to return error when related to an asset type configured to archive two or more copies.	153256
HSM	Enable the automatic queueing and execution of operations that were "waiting for a tape in the media pool" as soon as the new tape is added. The number of processed operations depends on the size of new tape(s).	153348
HSM	Fixed an internal connection process that caused HSM to return connection timeout errors.	153786
HSM	Solved a problem preventing error messages (e.g. failed LTO defrag) from being deleted from the Headquarters GUI.	154167
HSM	Asset file references (e.g. original path) now are retrieved from the HSM Cache and the HSM Operations rather than the Media Library, this, to prevent errors caused by files deleted before the completion of the archive (i.e. between archive, cache and tape).	154403
HSM	Added more retries for mounting operations ended in "command time out" and causing DataPump to stop.	154803
HSM	The "Headquarters Operators Requests" has been improved to solve issues concerning the prevention of operations queuing on free tapes.	156282
HSM	Solved a "command time out" message received for archive jobs, it was caused by a information conflict in the DataPump.	156456
Import/Export	Solved a problem in the Discovery asRun Txt export that caused the function to get stuck, now exporting playlists of future dates is not allowed.	151797
Ingest	Solved a bug on the Multifunction and Easy Ingest, it caused asset properties (e.g. quality) to be applied although the ingest operation was discarded.	144641
Ingest	A new parameter has been added to the Scheduled Ingest, to allow warning users when multiple ingest jobs are scheduled for the same asset.	149588
Ingest	The driver used by Ingest has been modified to wait for 3 timeouts before returning an error (e.g. record commands not responding).	150598

Etere module	Bug description	Reference
Ingest	It has been fixed a bug consisting of Etere Ingest attempting to write information into log files (related to cloud-devices and media-folders) which were "locked" by other applications.	**152837**
Ingest	Fixed a problem that caused the connection to get lost when performing "Operations by Workflow", now operations are not interrupted even if some connection problems occurs.	**153823**
MAM	An error message received in the Subtitle Tool has been solved, it appeared when using the WMP preview mode.	**149988**
MAM	Solved a problem with the "Metadata Insertion" module that caused keywords to not be correctly cleared when loading an asset.	**151129**
MAM	Solved some exceptions on the volume control of the subtitles preview, the playback didn't mute when volume was completely lowered.	**152900**
MAM	The Metadata Indexing now allows choosing the proxy to be previewed in case more than one is available.	**153359**
Media Library	It has been fixed a problem related to the preview from Media Library, it consisted of an error message received when starting to preview a second asset.	**149774**
Media Library	Fixed a bug that prevented setting the episode number of an alternate version of a series episode.	**149841**
Media Library	The default duration of the "creation form" is now of 1 frame instead of 0, thus preventing an error popup to be displayed when closing the Multifunction Ingest.	**153397**
Media Library	An issue that caused the slow opening of assets has been corrected, the problem was caused by assets proposal information being always preloaded.	**153893**
Media Library	Solved a problem causing flexi-metadata filters to be unavailable for searches.	**154059**
Media Library	Workflows specifically denied for a particular user are now hidden from the Media Library.	**154442**
Monitoring Console	Subject of SNMP messages received from DataMover are no more truncated, they now are briefer and clearer	**139364**
MTX	The scroll filter has been modified to prevent crawls from flickering on analog monitors.	**146891**
MTX	Solved the presence of a faulty frame (freeze or black) when ingesting with TDIR from a on-air channel in playback.	**147894**
Reports	The "Summary Final Transmission" report has been modified to retrieve the LIVE_ID of scheduled events from the playlist rather than from the Media Library.	**155040**
Resources	Fixed a bug on the Resources module, it caused the "duration check" to be incorrectly performed (e.g. during a deletion) if the assigned resource decoder was not free.	**153551**
Scheduling	Added a new warning to indicate to the user when a scheduled "ad insertion" (e.g. promo) has not events on it.	**143100**
Scheduling	Fixed a bug concerning a wrong start timecode set for one of the five daily transmissions of a spot; the error was caused by the ommission of the first on-air performance of an asset during an "update" operation.	**152403**
STMan	Solved an blinking logo (displayed for one second only) at the end of the execution of a logo inserted from Executive Editor, the issue was due to a wrong user scheduling which is now handled by the system.	**148260**
Time Flooder	An issue encountered during the DST has been solved, it was due to the main/backup system and the time shift.	**147255**
Workflow	Fixed an error on Baton QC actions, the issue was due to the lack of a timeout for the communication with the Baton web service.	**151467**
Workflow	The MD5 Checksum action has been modified to update the MD5 file hash of files in the database whenever it matches the one previously stored in the database for the same file.	**153263**
Workflow	Solved an issues causing Datamover to takes several minutes to process Power Tools actions.	**154887**

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Etere 24.x.x.x

Etere v24.1.0.2 (Release date: 01/09/2014)

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	Reference
ActiveSync	ActiveSync has been improved with a main/backup system and the ability to import descriptive files (e.g. egtaMETA XML) that accompany video files.	137183
ActiveSync	The list of XML sidecar files supported for cloud-device synchronization has been extended with new import functions and features.	147501
ActiveSync	The auto-sync tool has got a "type" filter to allow excluding particular files "stored in metadevices".	147715
Air Sales	The "Multichannel Asset Change" tool has been enhanced to provide more information for listed assets including among other columns the "spot code".	131180
Air Sales	The search engine has been powered to search across order's attached documents.	135986
Air Sales	Added a specific permission to allow users linking commercials to orders.	135990
Air Sales	Events featured in air sales playlists can be flagged as wrongly scheduled to prevent their invoicing	136830
Air Sales	The "Compensation account" field has been added to proposals to allow setting the ledger account for transactions posting.	136878
Air Sales	Added the ability to link events to order lines and unlink them from their belonging order lines.	138025
Air Sales	The airing certification report includes all order lines scheduled in the current station, even if they derive from other station's orders.	138377
Air Sales	The airing certification report allows selecting the template (GMA and RPN) to be used for generating the report.	138537
Air Sales	The "Fill Segments" tool has got the ability to use non-content-lists to allow a more customized filling experience.	139900
Air Sales Lite	The "Personal Data" module is now available on Air Sales Lite to quickly manage business contacts including companies, persons, locations, equipment and users.	131514
CMS	Added a new action to take decisions based on the result of a specific "content check" (video freeze, loud audio, black video, anti-phase audio).	135250
CMS	The "Content Check" workflow action has been improved to detect more audio issues including peak level and clipping.	144733
CMS	The "Content Check" workflow action has been improved to detect more audio issues including peak level and clipping.	144733
Configuration	Omneon cloud-devices now support specifying volume paths for a more effective file-based management.	144754
Configuration	The Flexi-metadata Editor allows to define an unlimited number of custom metadata layouts and easily assign them to specific groups of users.	145176
DataMover	"HiRes Transcoding" actions can randomly select a path from metadevices to improve and balance the storage usage.	138288
DataMover	Using a temporary filename while copying is now possible for "Multistep copy" actions, renaming files with the final name at the end of the copy.	145151
DataMover	The "MD5 Checksum" action has been improved to check if a MD5 File Hash already exists, allowing to exit the action as Generated, Error or Aborted.	145650
DataMover	An "Asset Data Export" workflow action now allows triggering export functions from within workflows (e.g. Apple FCP, Discovery, WON, etc.). Moreover, said feature is also available for "multistep copy" actions as a complementary option.	146826
DataMover	The "Power Tools" action wizard has been improved to allow an easy insertion of operations aimed to "copy flexi-metadata into asset field or other flexi-metadata".	148356
DataMover	The DataMover is now provided free of cost with a high-performance transcoder to create H.264 proxies with optional burned-in timecode from any file.	149578

Etere module	Feature description	Reference
EtereWeb	The "Web Asset Search" configuration area now supports the multi-selection of user groups for the assignment of search layouts.	130357
F90	The F90's main/backup fault tolerant system has been enhanced to immediately start the backup server when the main one is down.	141965
HSM	Added a "Set hsm archiving media pool" workflow action to support managing two or more tape libraries from within workflows.	148128
Import/Export	The new "Subtitle" export allows exporting asset subtitles in either EBU Subtitling (STL) or PAC Screen System (PAC) format, allowing to choose the language to be exported as well as the possibility of using or not timecode offsets.	138401
Import/Export	Modified the "Louise Asset Csv" import to check data (e.g. asset descriptions) length before inserting it into the database.	140652
Import/Export	Added Import function to integrate assets stored on WON systems	142957
Import/Export	Added export function to integrate assets stored on WON systems	142958
Import/Export	The "XML Assets Full" import and export have got the ability to set a default workflow to be automatically triggered immediately after an import/export operation ends.	143063
Import/Export	The "Apple FCP XML" has been enhanced with more options for a better functioning.	147659
Import/Export	The long list of import/export functions keeps growing with the addition of "Discovery", "VIZRT" and "J-ONE" among others.	151338
Ingest	Further logging capabilities have been added to "Multifunction ingest".	141292
Ingest	Added an "Original source check" workflow action to take workflow decisions depending on the asset's acquisition source (e.g. ingest, activesync, tapeless, etc.).	142564
MAM	Added the ability to quickly print EDL (cue sheets) of assets from the "Metadata Indexing" and "Media Library" modules.	96396
MAM	Now it's possible to export subtitles via workflow, using a "multistep copy".	129553
MAM	Conforming has been enhanced to support multiple presets for head and tail insertions, target devices and codecs.	137040
MAM	The "workflow info" function of Media Library have been extended to the Metadata Indexing module.	138437
MAM	The "Metadata Indexing" has integrated some functions that were already available in the Media Library, Partial retrieve and Workflow info.	138446
MAM	The "partial retrieve" function of Media Library have been extended to "Metadata Indexing".	138446
Media Library	Added the ability to reset the full-text search filters of the "Metadata Indexing".	138447
MAM	Added support to "HiRes Transcoding" and "EDL Conforming" workflow actions to automatically embed or imprint subtitles when available for assets.	139998
MAM	The WMP9 player has been enabled in the "Subtitles Manager" module to allow previewing assets with the integrated windows media player.	140691
MAM	The wide range of supported subtitles formats has been increased to support Cavena TXT, EBU subtitling, Microsoft SAMI, PAC, Plain text, Plain text w/ timecode, Rhozet XML titler, Softni Sub and Structured EBU files.	142396
MAM	Modified the import function of the "Subtitles Manager" to show a warning message when the file with a wrong structure is attempted to be imported.	142972
Media Library	The insertion of "person in charge" and "supplier" metadata from the Media Library has been streamlined to allow a faster entering with automatic filtering.	124801
Media Library	The search engine now displays the thumbnail of results in a separate window.	130751
Media Library	The "tape title" and "genres" have been added to the information displayed for search results (e.g. tile, thumbnail, station, aspect, etc.)	133722
Media Library	Ability to preview the proxy file of assets set as "read-only".	137185
Media Library	Added a new "video file link" function to quickly associate to an asset a file already stored in the system, launching a default workflow after the linkage.	137822
Media Library	Restriction to view only their enabled stations when searching for assets.	139341
Media Library	The already robust list of search filters has been increased with the addition of the "original filename" filter, useful to retrieve assets imported as entire projects.	139983
Media Library	The WMP9 preview player has been improved to support selecting up to 8 audio tracks, showing up to 2 subtitles and displaying a NTSC counter.	140647

Etere module	Feature description	Reference
Media Library	New workflow actions have been implemented to allow setting and checking the "expiry status" of metafiles as well as for physically deleting them based on said status.	**141860**
Media Library	All user workflows can be now freely grouped into specific categories, thus improving their storage, management and retrieval.	**142384**
Media Library	The Media Library is now able to display the progress of DataMover actions as well as the estimated end. This feature is also available from the Monitoring Console and web.	**145147**
Media Library	The "Project import" function has been improved to keep the directory structure of imported projects, thus making Etere able to recreate them on following exports.	**145936**
Media Library	A second path destination can be now specified for Media Library's import functions, thus allowing to perform two simultaneous copies in one action.	**146387**
Media Library	The "DS Player" now includes the ability to load audio from external files.	**146948**
Media Library	Developed a modern and functional player to browse hires and lores file with enhanced playback capabilities (e.g. jog&shuttle, audio selection, dual monitor, subtitles, etc.).	**151477**
Money	Added the ability to invoice orders before scheduling (pre-paid).	**136831**
Money	Added new discount layouts for customers and agencies	**136861**
Monitoring Console	The SNMP console has been modified to send notifications when no heartbeat response is received from an application considered "running".	**135484**
MTX	Added a "browse" button to the Master Panel to allow choosing XML files.	**139007**
MTX	A stunning more intuitive layout to manage up to 6 PGM/PST channels with 8 graphic layers and multiple controls (audio level and shuffle, transition speed, etc.).	**145624**
MTX	Added digital video effects allow to squeeze back live video over a background graphic, creating PIPs from any HD/SD source with a custom size and position.	**146451**
MTX	Toolbox has got the ability to add and overlaid graphics onto the played video just by pushing layer buttons and selecting graphic files.	**146746**
MTX	A problem concerning graphic objects in the Master Control has been solved, the list of graphics is now automatically updated when a new logo is created.	**146890**
MTX	The Toolbox has got the loop option play clips and playlists fully automatically.	**147527**
MTX	MTX servers has got the ability to display tickers. This feature has been integrated into Etere Nunzio to embellish news with custom carousels managed in real-time.	**151248**
Nunzio	The long-awaited "Nunzio" solution is now available to manage the entire tapeless workflow of a newsroom environment, starting from the planning of news programs to the control of on-air playback.	**143574**
Nunzio	Nunzio has got a web interface to allows newsroom editors to easily access rundowns and quickly delivery all their finished edited material.	**145078**
QC	A new "QC result check" action allows taking decisions from within workflows depending on the results of a Baton/Cerify QC, available outputs include success, warnings, errors or unable to be performed and report not found.	**147677**
QC	Digimetrics Aurora has been added to the long list of QC systems integrated by Etere, allowing users to request -via workflow - the execution of verification tasks based on Aurora test plans for media files stored in the Etere cloud.	**150744**
Reports	Implemented a new report to generate a document to validating the scheduling of events derived from Air Sales and BMS orders.	**119242**
Reports	The "Statistcs" report has been improved to filter objects by genre.	**124677**
Reports	New BMS-related reports have been added to allow generating "orders Summaries", "payment deadlines" and monitoring "rights situation" and "scheduled rights".	**135081**
Reports	Implemented a new report to point out contractual assets scheduled as non-commercial assets, without any invoicing traceable information.	**136144**
Reports	Implemented a new report to point out contractual logos/scripts scheduled as out of contractual assets, lacking any information for its invoicing.	**136352**
Reports	A new report allows tracking the budget of one or more salesmen, agencies and customers in monthly basis.	**137553**
Reports	Changed the "Airing Certification Report" to display on-air dates in "DD Month YYYY" format instead of "DD/MM/YYYY".	**141998**
Reports	Added the ability to include the production country in Custom Reports.	**142207**
Reports	New reports have been added to allow generating a detailed document on the computers in an Etere site as well as their installed features.	**142511**

Etere module	Feature description	Reference
Resources	The "Agenda View" is now able to save the last size and position of task columns.	**138711**
Rights	The Rights Management module has been improved to facilitate the granting/denial of user permissions, key changes include the multi-selection of rights.	**145174**
Scheduling	Added parameter that allows to "apply the transition tables at every publishing" on the scheduling editor.	**127863**
Scheduling	Added a parameter to force the "update durations and secondary events" (F6) function to also perform the "explode all breakpoints" function (F8) to keep all logos and secondary events updated.	**137020**
STMan	New plug-in available to send information on transmitted events to a web server, this feature is useful to, for example, web streaming.	**145191**
Web Services	Added a new API function "GetAssetEDLById" to retrieve the EDL timecode, Insertion marks and properties of a certain EDL version of an asset matching a given keyword.	**148971**
Workflow	Added the ability to "multistep copy" actions to trigger the export of a certain asset data automatically from within a workflow.	**128800**
Workflow	A "retrieve from remote device" action has been added to allow checking if an asset has a metafile stored in a given device of a certain remote site, adding said file to the local asset's media list if so.	**129704**
Workflow	Vantage solutions are now tightly integrated with Etere to trigger automatic video transcoding and get progress and status updates.	**131862**
Workflow	New action to allow setting default encoding information (e.g. audio tracks, audio format, etc.) for asset files. Moreover, audio files can be classified, besides as languages, also as music, effects and music & effects.	**133301**
Workflow	The integration with Gen21 has been reinforced to facilitate the management of assets scheduled on Gen21 on-air playlists.	**136601**
Workflow	Baton systems has been integrated to request via workflow the execution of verification tasks based on Baton test plans for media files, supporting the storage of obtained results in the asset EDL and PDF/XML documents.	**137034**
Workflow	Etere workflows are now able to support Signiant jobs for transferring files over large geographical distances including real-time progress monitoring.	**137035**
Workflow	The "email notification" action has been enhanced to specify the Code and ID of uploaded assets in the email subject.	**137500**
Workflow	The "Asset Metadata Check" action allows taking a certain action depending on the value (is null, equal to, like, etc.) of a certain asset metadata.	**137504**
Workflow	Aspera's file transfer jobs can be used within Etere workflows to upload files from Etere metadevices to an Aspera system.	**138851**
Workflow	New action to allow preserving the code of an asset into a flexi-metadata.	**138854**
Workflow	Tektronix Cerify has been integrated in Etere's workflow to enable a file-based verification and detection of quality/compliance/playability issues.	**141175**
Workflow	A "set current metafile" action allows setting the reference metafile (e.g. HiRes MOV) to be used by a workflow instance (e.g. read metadata, etc.).	**142804**
Workflow	Workflows are now available for selection (e.g. from Media Library) depending on whether a user has or not granted permission to use them.	**143010**
Workflow	The "friendly name" of workflows and actions has been increased to support strings of 100 characters instead of being restricted by the former limit of 20 characters.	**145154**
Workflow	Conforming profiles now allow entering a description to better explain their scope.	**145175**
Workflow	The "Set current metafile" action has been enhanced to allow specifying only one between the device and/or codec of the asset file to be set as "current".	**145749**

(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	Reference
Air Sales	Now is possible to search for events to schedule based on the ID of their related order.	**138006**

Etere module	Bug description	Reference
Air Sales	Corrected a missing material association encountered when assigning assets from particular commercial orders.	145362
Air Sales Lite	Solved an issue on the "Events Scheduling" module that returned an "event code inexistent" when attempting to insert events into playlists.	140577
Aligner	Empty spaces are automatically removed from the current broadcasting day at every clip change, during timing calculations.	141404
Aligner	Fixed an issue that prevented Aligner to update the scheduler.	144253
Aligner	Removed a message that made "Aligner" servers get blocked due to a timeout issue.	144520
Aligner	Solved an issue encountered on systems with a midnight rollover time, it made events straddling two days (e.g. aired from May 1st 23:58:30 until May 2nd 00:01:20) to be displayed at the end of the latter day rather than at the end of the former one.	148093
Artist Manager	Added more search filters to allows searching artists by surname, stage name, role, etc.	138542
Artist Manager	Solved a bug that prevented artist to be searched through the "surname" filter.	146801
Automation	Solved an issue that avoided the main automation to restart the clone automation when no communication was received from the latter one.	137969
Automation	Fixed an issue caused by a clip that frozen the main automation and put blackthe clone automation to go black.	139376
Automation	Fixed a problem that caused the automation to stop working when a command sequence (SkipToNextAndStill; PlayFromStillAFineClip) was sent to Omneon servers.	142314
Automation	Solved a problem that caused the automation to play out the following day when a playlist was published containing a fixed event with a wrong date.	142378
Automation	Fixed a problem that made a master control unable from being correctly driven (preset/take) after an clone automation switch.	144740
BMS	Fixed a problem on "Music Format" that didn't allow to move materials between different positions.	138084
BMS	Fixed an issue that caused some fields (e.g. person in charge, user 1/2/3) to not be correctly updated across all episodes when a series was modified.	141741
BMS	Correct automatic numbering when loading episodes in "Delivery Orders".	143043
BMS	Fixed a bug that caused series from not-enabled stations to be displayed among the search results	143072
Configuration	Modified the "Artist Manager" to request entering at least one between surname, name, stage name or group during the creation of an artist.	138535
Configuration	Prevented the creation of duplicated artists when users chosen to proceed although the warning message displayed.	138536
Configuration	Added role to the search filters and result columns of "Artist Manager".	138542
Configuration	Fixed a problem that allowed to add "doubled" roles when naming them with Vietnamese characters.	139672
Configuration	The "metadevices space management" has been modified to support a space length beyond the 2'147'483'647 frames (i.e. about 994 PAL days).	146508
Configuration	A new driver (7825) has been added to control Quartz/Evertz 7800 series products with an optimized execution timing (adding a 1 frame delay in between commands).	146660
Configuration	Solved an issue that caused the "Rights Management" module interface to get frozen when using a Windows Server 2008 Standard SP2 32bit operating system.	147626
DataMover	Solved a problem encountered when editing a DataMover action	140767
DataMover	The log and timeout handling of copy actions has been improved to immediately close timed-out jobs and delay following queued jobs, thus preventing SQL Server timeout issues encountered when performing simultaneous copies.	145319
DataMover	The logs of FileInfo workflow actions have been improved to better detail encountered errors.	149095
EtereWeb	Solved a wrong date displayed for segmented programs in the "Tapeless Reception > Assets to send" area.	148281
F90	Solved an issue that caused the "IBMS Sky Csv" import to get stopped when launched from Etere F90.	141722
F90	Corrected an issue of assets being imported twice due to a backup F90 server running simultaneously to main server (switch time was too short).	142687

Etere module	Bug description	Reference
F90	Fixed a bug encountered when manually exporting data with the "Mediaset PEPS" function, the created file was named without timestamp. Now, in case the current date is stamped when the export is manually launched.	144866
HSM	Improved the threads communication of "HSM Headquarters" to prevent memory issues occurred when scheduling operations.	135743
HSM	Fixed an error that occurred on "HSM DataPump" when the same request was re-requested several times.	139359
HSM	Solved an issue on "HSM DataPump" when doing a maintenance restore, two consecutive requests were considered as one.	141482
HSM	Solved a problem that caused the DataPump to close itself during a defrag operation.	144856
HSM	Solved an "argument out of range" error message displayed in the DataPump when loading a tape.	144994
Import/Export	Aspect of assets imported using "IBMS Sky Csv" is the same of the station.	143328
Import/Export	A new parameter has been added to the "Standard SIAE ROM-ROF CSV" import to use a "default RPC type" when not specified in the file.	144401
Ingest	Solved an problem that cause codes of ingested assets to not be displayed.	138728
Ingest	Fixed an issue that cause "scheduled ingest" jobs to be saved even if their creation was aborted.	140994
Ingest	Solved an issue concerning the "Operations by workflow", workflow actions didn't respect the metadevice rights of users.	146463
Ingest	Added a parameter to logically lock channels during their usage time and notify users when they attempt to use a locked channel. This feature will be useful for video servers (e.g. Omneon) that doesn't support physically locking of channels.	146576
Ingest	Fixed an issue preventing scheduled ingest jobs from being entirely performed due to an unexpected channel lock. Moreover, logs for this application have been improved.	147303
Ingest	The function that updates broadcast schedules after an ingest/deletion has been modified to consider the presence of bumpers, thus preventing bumpers to get lost.	149259
Ingest	Solved a problem encountered during the creation of a scheduled ingest job when entering an empty asset code.	149326
Log Saver	Solved an issue that caused the application to stop when zipping saved logs.	143976
MAM	Fixed an issue that caused some global settings (e.g. font) to be ignored when previewing a video along with subtitles from the "Subtitles Manager".	138522
MAM	Added the ability to create new artists directly from the "Metadata Indexing".	138625
MAM	Opening read-only assets from the "Metadata Indexing" module is allowed, but with restricted functions (new, save,etc.) and a warning message.	138975
Media Library	Fixed a bug that caused a wrong display of items listed in the search results when selecting multiple assets simultaneously.	133899
Media Library	Fixed an issue that caused search results to not be correctly matched when the filtered metadata was entered using Arabic characters.	136126
Media Library	The "Last ingest date" is now correctly updated when a file is imported into an asset.	144716
Media Library	Fixed an issue that prevented using the Sony XDCam Viewer as an external player to preview assets when using the "open by system" option.	145294
Media Library	Solved some display issues related to the file's metadata view and encountered when resizing said window.	146201
Media Library	EDL has been changed to support saving the position and size of columns and hiding thumbnails when required by user.	147613
Monitoring Console	Fixed a "timeout error" received in the Monitoring Console, more period selection options has been added.	147365
MTX	Solved an issue on the MTX Master Control that prevented switching to live channels.	145987
Reports	Modified "Daily runs" report to display dates according to regional settings	138012
Resources Man.	Fixed a bug that prevented users to correctly preview assets from a MTX server when accessing the Media Library from an agenda task.	145022
Resources Man.	Solved a problem that caused tasks to be missing in the Agenda View when created for a second time within the same workflow.	147595
Scheduling	The "publish" button has been removed from alternative playlist to prevent unwanted issues on the main playlist (e.g. jump to play the first event of the next day's schedule). Publishing is however possible using the F9 shortcut.	137050

Etere module	Bug description	Reference
Scheduling	The "schedule duration" is now displayed correctly in the "Executive Editor" when the "show duration in timecode format" option is enabled.	**139443**
Scheduling	Fixed a problem on "Executive Editor" that caused commercial breaks cut and pasted to be automatically exploded within programs in a different position.	**140040**
Scheduling	Solved a problem encountered on Video Assist for playlists formed by a single event, loading the playlist displayed the logical timecode and returned an error.	**142423**
Scheduling	Fixed a bug on Executive Editor, it caused that generating the "production guide" for only one selected event was unable.	**144805**
Scheduling	Corrected a misleading warning prompted when shifting a scheduled event, the error was due to a wrong handling of the event's extra frames added by a bumper transition.	**145045**
Scheduling	Fixed an issue when opening and closing the "Changes" module, the toolbar turned red (i.e. with pending changes) although no changes were inserted. Moreover, the toolbar color that indicates that no changes are pending has been changed to green.	**145679**
Scheduling	Solved an problem causing a wrong ordering in the "Changes" module of Executive Editor when two or more IS events have the same scheduled time, the problem was due to a wrong handling of negative priorities of events.	**146381**
Scheduling	Fixed a wrong warning prompted in the Executive Editor every time a file (not related to an asset scheduled for on-air) was removed from a video server, said warning told that the restore workflow was required to made the file available in the video server.	**146459**
Scheduling	The "Changes" function is now available only when working on the actual playlist, thus preventing changes to be imported into alternative schedules. This behaviour is applied only to Mediaset licenses.	**148805**
Video Assist	The management of handle leaks has been improved to ensure a continuous functioning of the Video Assist without playback interruptions.	**142627**
Video Assist	Added an "snapshots reset" automatic function to be executed when snapshots exceed the daily limit of 1000, thus allowing latest snapshots to be correctly displayed.	**148834**
Workflow	Modified the "partial retrieve" action to set the physical start of a retrieved segment equal to the source asset's physical start plus the segment SOM.	**133166**
Workflow	Solved an zoom issue encountered when deleting an action or link from the workflow designer interface, the current zoom is now maintained.	**140018**
Workflow	Corrected a problem on "Partial Retrieve" occurring when executing multiple instances and preventing new assets to be created.	**140727**
Workflow	Added a "Add Files to Video Server" action to allow binding a file (with a given extension) to an existing metafile (stored in a given cloud-device with a given codec).	**144118**
Workflow	Fixed a bug concerning the "Workflow designer", it caused inserted actions to be placed at the nd of the workflow rather than the "user's currently active" area.	**144697**
Workflow	Corrected an issue that caused variables to be assigned to a wrong value when executing ten parallel Power Tool actions.	**147046**
Workflow	Fixed an issue that prevented unconnected actions to be deleted from within workflows currently running or ran at least once in past.	**147821**
Workflow	When deleting actions under "Workflow Designer", users can now confirm the deletion and choose whether to delete or not all action references (e.g. costs, assets, etc.).	**147848**
Workflow	Solved a problem related to the "Check if Asset is Scheduled" action, it caused currently on-air events to not be detected as part of future schedules.	**148207**
Workflow	Fixed a bug that allowed "partial retrieve" workflows to be launched against EDL segments not yet saved, now said function is disabled until segments are saved.	**148946**

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Etere 23.x.x.x

Etere v23.x.x.x (Release year: 2013)

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	Reference
Air Sales	The export function of the Multichannel Grid has been improved to allow generating a report on custom scheduling intervals in xls format.	*117894*
Air Sales	The contractual management of lower-third logos has been improved to provide full control over their broadcast, thus allowing to track, invoice, report and certify their scheduled and actual performances.	*132567*
Air Sales	The use of "multi-product order lines" is now supported to allow using one media file (i.e. bumper) for different order lines while maintaining separated invoices. This feature is useful for sponsored clusters (e.g. related to special shows, top raters) composed of multiple events collated into a single file.	*134655*
Ad Insertion	Etere Ad Insertion is now able to automatically reconnect to the database server in case of connection failure, this, without any manual intervention.	*127022*
Air Sales	A new option has been added on the Strategic Editor to preserve the priority of an event even after being moved from its initial position.	*117768*
Air Sales	The Orders module is now available also for salesmen, as usual for all Etere modules, its access permission can be enabled for specific users.	*128835*
Air Sales	The "auto approval" criteria for proposals can now be set -besides as a global parameter- also for specific persons under their Personal Data.	*128836*
Air Sales	It is possible to set "payments methods" which are longer used as obsolete so they won't be displayed across Air Sales modules.	*128128*
Air Sales	Multichannel Grid keeps getting better thanks to the improvement of its existing functions. The explosion of events has got more versatile (now is based also on durations) whereas the insertion of black listed events is quicker (now are also automatically placed on booked spaces).	*131094*
Air Sales	It is possible to set "payments methods" which are longer used as obsolete so they won't be displayed across the Personal Data.	*131779*
Air Sales	The "Asset Contract Row" form now allows choosing if an asset changed for an order line should be extended to already scheduled performances (optionally including white and black lists).	*126235*
Air Sales	Black and White List now allow selecting multiple events for a quick insertion, the insertion can be performed either in booked segments or a different selected segment.	*127652*
Aligner	The "Aligner" module has been modified to display in the taskbar the station for which it's running and the user that is working on it.	*130342*
Automation	The management of "not ok to broadcast" assets has been enhanced to avoid them from being transmitted by the automation, either by skipping them or replacing them with emergency assets.	*128892*
BMS	A shortcut has been implemented to force the interruption -and deletion- of scheduling batches which are stuck and not responding.	*133025*
Configuration	Besides countries and cities, the Etere database now includes also up-to-date information on districts; this feature will permit customers all around the world (e.g. Vietnamese) to increase the detail level of their assets.	*129322*
Configuration	A new authentication method allow identifying users besides from their Windows/SQL username also from their domain. Now companies with multiple domains (e.g. forests) are able to manage accounts within the entire system as individual users (AccountName@DnsDomain) to improve access control, permissions management and operations tracking.	*130477*

Etere module	Feature description	Reference
Configuration	The editor of Virtual Routers now allows the manual insertion of switching channels.	*131767*
Configuration	The editor of Virtual Routers has been modified to allow configuring multiple virtual routers independently.	*131308*
Configuration	Virtual Routers have been improved by adding new features including the capability of creating multiple virtual routers for each station and using the same actual router for multiple virtual routers.	*131307*
Configuration	The "Artist Manager" module has been modified to allow specifying the sex of artists (i.e. male, female, etc).	*125259*
Do.Ma.	Etere PIcons (i.e. EDL thumbnails, Memory bookmarks, etc) has been moved to the Do.Ma. database to improve the performance of the production database	*133680*
EtereWeb	It has been added the possibility to create custom layouts for search results, allowing to display specific columns for specific user groups.	*128274*
F90	More detailed logs have been added on the "Pebble Beach Import XML" function to better track failures under the Errors tab.	*127926*
Media Library	The fields supported for "batch assets modifications" has been extended to cover the General data, Properties, Secondary events, Metadata, Rights management, Tapeless reception and management.	*107534*
Media Library	The ROM tab has been added to the "SIAE" section of the Media Library (now ROF and ROM are the same as in the web version).	*112242*
Media Library	The save function of the "Media Library" has been modified so when an asset is modified (e.g. new duration) changes are extended to all its related events scheduled in future playlists (i.e. not yet aired).	*112672*
Media Library	Now it's possible to manage multiple versions for series episodes as already supported for single assets, this, due to the implementation of a "version" field into the Assets table.	*129021*
Media Library	Preview players can be now set by default for specific codecs, being however possible to preview media using an "open with" function. It's worth mentioning that MOV and MP4 codecs can be now previewed thanks to the recent integration of QuickTime player technology.	*130699*
Monitoring Console	A "System Information Service" has been added to the Monitoring Console to provide management information (e.g. CPU utilization, Disk free, Physical Memory free, etc).) from all Etere workstations present in the network and enabled for responding ping requests.	*127668*
Monitoring Console	Monitoring Console's background functions has been improved. SNMP real-time checks, Processes monitoring, Devices ping check and counters collection can be quickly consulted on the status bar.	*129478*
Reports	A new report called "Program Revenues by month" has been implemented to allow generating a document of the monthly revenues earned from orders scheduled on specific program blocks, grouping data by month.	*127120*
Reports	A new report called "Program Revenues by order" has been implemented to allow generating a document of the monthly revenues earned from orders scheduled on specific program blocks, grouping data by order.	*127121*
Reports	A new report called "Revenues by top programs PT/NPT" has been implemented to allow generating a document of the revenues earned on a certain period, classifying data by channels and program blocks.	*127126*
Reports	A new report called "Revenues by top programs" has been implemented to allow generating a document of the revenues earned on a certain period, classifying data by channels and program blocks.	*127127*

Etere module	Feature description	Reference
Reports	A new report called "Summary Sales Productivity" has been implemented to allow generating a document of the monthly revenues earned by the television station on a certain year.	*127138*
Reports	A new report called "Agency Detailed Costs by order" has been implemented to allow generating a document of the costs (commissions) derived from the transmission of orders, grouping data by agency.	*127150*
Reports	A new report called "Slot Revenues by programs" has been implemented to allow generating a document of the revenues coming from specific programs/stations, dividing data by prime-time and non-prime time slots.	*127147*
Reports	A new report called "Order implementation" has been implemented to allow generating a document of all spots belonging to a certain order which are scheduled within a given dates range.	*127144*
Reports	A new report called "Agency Detailed Costs by scheduled" has been implemented to allow generating a document of all the costs (commissions) derived from the transmission of commercial orders, grouping data by agency and prime time and non-prime time slots.	*127151*
Reports	A new report called "Agency Annual Costs by order" has been implemented to allow generating a document of a solar-yearly analysis of the monthly costs derived from commercial orders of specific customers.	*127132*
Reports	A new report called "Summary Sales Productivity by salesman" has been implemented to allow generating a document of the monthly revenues earned by the television station on a certain year from specific salesmen.	*127139*
Reports	A new report called "Agency Annual Costs by scheduled" has been implemented to allow generating a document of a solar-yearly analysis of the monthly costs derived from commercial orders of specific customers.	*127133*
Reporting Service	Air Sales reports have been improved to include more data not only from the production database but also from the historical database (if available).	*127416*
Resources management	Additionally to specific users and roles, it's now possible to manually and automatically assign tasks to groups.	*128244*
Scheduling	A new export function called "AGB RF" has been added to allow exporting a text file (.tel) for various scheduling days going from 02:00:00 to 25:59:59 of the day after.	*126117*
Scheduling	In "Video Assist", every time a playlist item is played a maximum of 40 clips are loaded in the Jog&shuttle preview to check their availability.	*129465*
Scheduling	A new parameter allows to specify that "events which are not-ok-to-broadcast must not go on-air". Events can be made unavailable for on-air through the use of the workflow action named "not ok to broadcast", which can be complemented with the "update duration" and "update duration and secondary events" actions to update this information across schedules.	*127359*
Scheduling	A new import function has been implemented to allow customers to get into its Etere system all broadcast schedules provided by MediaGenix.	*129013*
Tape Management	The search results of the "Tape Library" can now be customized by adding and moving displayed columns.	*122764*
Tape Management	The search results of the "Tape Library" now includes columns related to the location of tapes (i.e. rack and slot).	*122765*
Workflow	A set of workflow actions now allow conforming all video segments of an asset EDL into a new asset, the workflow-based conforming will be specially for the creation of "censored copies" of assets.	*116122*
Various	The new Etere's dark look has been improved to give you a professional interface with less distractions and more focus. The high contrast will help working on any light condition from dark master control rooms to enlightened editing rooms. Skinning	

	of all modules has been improved to cover all elements of graphical interface. Besides the dark skin, a bunch of new skins are available to provide a wide choice able to meet any taste and trend.
Various	SQL Server 2012 has been used for the management of data operations, thus providing customers with the best-of-breed in database technologies to improve the performance, availability and consistency of their Etere systems. Etere 23 is fully retro-compatible with servers running the previous SQL Server 2008 R2 version.
Various	Etere 23 is easier and faster to install/upgrade than previous versions, all required tasks have been automated to prevent administrators from engaging in any manual intervention.
Various	Etere 23 is "Windows 8 ready", that is, this new release has been successfully tested in our labs to ensure a complete functioning under the new Microsoft operating system.
Various	Main menus have become more simple, intuitive and easy to use thanks to the "Metro Style" introduced with Windows 8. The new interface have been made available also for Windows 7 and 2008/R2.
Various	The source code of the entire Etere suite has been updated to the new RAD and Visual Studio technologies to develop smaller applications empowered with fast execution times and high memory efficiency.

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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	Reference
Air Sales	The "Black List" has been improved to sort events taking into account not only their start time but also their end time.	*127534*
Air Sales	Solved an issue that made the "Black List" to not sort events correctly after have moved columns	*127532*
Air Sales	Now when an event is re-scheduled from the "Black List", the list remains sorted if no columns are moved by the user.	*127533*
Air Sales	The "Assign Asset" module has been modified to display the station on which it's being used and the user that is currently working on it.	*126317*
Air Sales	The columns arrangement of the "Assign Asset" module now remembers the width and order set in the last session.	*126318*
Air Sales	A "scheduled data" and "scheduled time" columns has been added on the "Assign Asset" interface to allow sorting items by date and time.	*126323*
Air Sales	In the Proposal section of the Sales module, the "owner" field now supports tab browsing, alphabetical sorting and quick search by typing letters.	*126336*
Air Sales	An incorrect lock warning message has been fixed, it was wrongly displayed when a user accesses a playlist while it was being scheduled.	*130488*
Air Sales	It has been solved a problem on the "Strategic Editor", when changing the priority (e.g. using the "modify priority" function) of an event scheduled on a block also present in the previous day, a message wrongly pointed out the unavailability of that priority because already used by another event.	*127105*
Air Sales	The Black and White Lists have bee modified to remember the arrangement, width and position of the data columns displayed on them.	*129270*
Air Sales	A problem regarding the automatic scheduling by "Air Sales Scheduler" of a duplicated order line which have not been yet approved.	*127573*

Etere module	Bug description	Reference
Air Sales	The "update duration" and "update duration and secondary events" functions of Strategic Editor now takes into account the status of the "run update duration also for live events" parameter, thus allowing to update during a multi-selection only those events which aren't transmitted live.	*127754*
Air Sales	The last used search filters are now remembered in the Approved section of the Sales module.	*127710*
Air Sales	An issue has been solved in the Assets Assignment module, warnings were missed when adding assets through the Multichannel Asset Change tool.	*131970*
Air Sales	The Strategic Editor has been modified to notify operators in case the scheduled duration of an asset present in a current open playlist is changed.	*131971*
Air Sales	The Airing Certification Report has been improved to allow operators to specify the maximum number of characters to be printed for the description of transmitted events and related orders.	*132854*
Air Sales	A wrong display of expiry dates has been solved on the Multichannel Asset Change tool, now warnings are correctly displayed for expired assets used in commercial orders.	*135361*
Aligner	Some memory leakage issues have been solved to improve the performance of the application.	*133398*
Automation	It has been fixed an error causing a SAT automation to crash when skipping from a recorded to a live event.	*134770*
Configuration	An exception message thrown in the "Database tools" has been solved.	*127593*
Data Mover	A bug that made Data Mover copies to insert duplicated media links to assets in case the "Update all assets linked to the source file" option were disabled has been solved.	*127307*
Media Library	The "new asset" form has been fixed since it didn't correctly saved the "supplier" and "person in charge" fields entered by operators.	*131793*
Media Library	Solved an encountered issue that prevented users from disabling the "live" property of assets.	*127631*
Media Library	The Media Library has been modified to doesn't allow opening a different asset while a "Video File Import" is still in progress, thus avoiding a second upload to start on a different asset and thus arise possible conflicts.	*129028*
Media Library	The save operation has been improved to save changes performed to assets in the Media Library more faster.	*132620*
Media Library	A problem of displaying items selected in the search results has been solved.	*133899*
Media Library	A bug has been corrected in the search engine, the CAD approval filter now allows entering all 10 characters of a CAD approval rather than only 4.	*133944*
Media Library	Leading and trailing spaces are not permitted in asset codes, in this way it's avoided to set the "same" code for two different assets.	*134075*
Object Reel	Now the column related to asset codes is correctly displayed in search results of the "Object Archive" module.	*121052*
Scheduling	More detailed logs have been added to the "Video Assist" to improve the tracking of unexpected issues (e.g. missed insertion of event breakpoints).	*127369*

Etere module	Bug description	Reference
Scheduling	The Executive Editor has been modified to don't point out events which duration has been changed (decreased) from the "Breaks management".	*127972*
Scheduling	A wrong "transmission status" has been fixed in the Executive Editor, it used to set events played by the clone automation as correctly transmitted rather than specifying the automation switching.	*129573*
Scheduling	Exceeding durations of commercial clusters are now pointed out even if their value is almost null (i.e. very close to zero).	*130659*
Scheduling	It has been fixed a bug on the "Cartwall" that displayed a negative duration for clips ingested straddling two days (i.e. from before and after midnight).	*129358*
Scheduling	The "Update durations and Secondary events" function of Executive Editor has been fixed to correctly update the logos of events which are exploded.	*129119*
Scheduling	If a user access a locked playlist through the Executive Editor, all "tools" functions are now totally disabled.	*126521*
STMan	It has been fixed a bug causing a lopped playback when skipping a normal clip (too close from its end) to a "jingle" clip (4 second length).	*134500*

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Etere 22.x.x.x

Etere v22.x.x.x (Release year: 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	Reference
AD Insertion	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
Air Sales	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
Air Sales	A new function in SE allows to change the feed channel from which a live event is expected to be received.	111748
Air Sales	A parameter permits to check also during an auto-approval if a customer has either exceed or not its credit agreement.	111821
Air Sales	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
Air Sales	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
Automation	The previous automation limit for handling filenames with a maximum of 20 characters has been extended to 32 characters.	121953
BMS	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
BMS	The Scheduling Linker tool has been improved to allow linking scheduled assets not only to commercial orders but also to purchase orders.	116139
Configuration	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 metadevice.	113357
Configuration	Full compliance with the Windows 7 security directives including User Control Account (UAC), Specific Folder Permissions and more.	123572
Configuration	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
Configuration	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
Configuration	Cloud-devices 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
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

Etere module	Feature description	Reference
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 Tool" 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
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

Etere module	Feature description	Reference
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 **Web Services**.	*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 *scheduled on-air time* 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*
Air Sales	The *Weekly Schedule* has been modified to allow copying multiple blocks between periods.	*106606*
Air Sales	Added the possibility to change the priority in future playlists of all scheduled events except top&bottom events (which have fixed priorities).	*108526*
Air Sales	The delete function of the Weekly Schedule has been modified to allows removing blocks from an entire period and specific weekdays.	*110374*
Air Sales	Every time a block is attempted to be copied from one period to another, the block's source time will be proposed for the target time.	*114918*
Air Sales	A new proposal's *quick interface* has been added to allow managing - besides weekly proposals- also monthly proposals.	*115177*
Air Sales	It is now possible to customize the tolerance for scheduling commercial events in the today's television playlist.	*115948*
Air Sales	When compiling a new proposal, the order's product code will be automatically retrieved according to the selected customer.	*118964*
CMS	*Etere CMS* has been empowered with loudness capabilities to calculate the loudness value (using the ITU-R BS.1770 standard algorithm) of asset's media files, saving the detected loudness as a SMPTE metadata.	*114173*
Configuration	Transitions between transmitted events now include the change of the event type every time a transition occurs.	*117994*
Configuration	Now it is possible to select multiple logos to, for example, copy them from one *logo generator* to another.	*119428*
F90	The *Standard XML* export function can now be set to also include the secondary events scheduled in the playlist (fsec) and associated to scheduled assets (fsec).	*115911*

HSM	The *Tape Library* allows assigning *offline LTO tapes* previously used by *Etere HSM* to external racks, thus permitting to keep them organized.	*115068*
HSM	The *"media pool"* property of processing assets has been added as a column under the *Work Queue* section of the *Etere HSM Headquarters*.	*115601*
Ingest	The *Easy Ingest* module now allows calculating the loudness on multiple decoders, this by putting in play the main decoder and all other active decoders.	*112924*
Media Library	The *preview browser* of the media library now includes a "step +1 with audio" function to forward/backward both, the audio and video playback.	*114834*
Media Library	The search filters provided by the media library have been increased by including a new filter for searching assets with or without compiled EDL.	*116123*
Media Library	The *preview browser* of the media library has been streamlined to include more functions and a professional feel and look.	*116675*
Media Library	Asset's secondary events have been added to the list of data which support batch editing from the media library (i.e. editing multiple assets at once).	*117884*
Media Library	The story field of the media library has been modified to display text in wrapping mode to bring a more comfortable reading.	*117885*
Media Library	The visualization of the scheduled duration of assets has been added to the list of available columns for the search results.	*117889*
Media Library	The function for setting an asset as live has been improved to allow the use of the [enter] key to quickly set the live channel of an asset.	*117892*
Media Library	The Etere's dictionary of metadata now includes an SMPTE metadata for storing the *original source* (e.g. ingest, transfer, tapeless, etc) of assets.	*119868*
Media Library	The editing of the *"stations enabled"* property has been restricted to supervisors only.	*119564*
Money	The report of deadlines is now classified by the agencies and customers description.	*114518*
Personal Data	Contacts counts now with an associated product category (e.g. alcoholic drinks) which can be used, for example, to automatically compile this field when creating proposals for customers.	*105398*
Reports	The *Daily runs and secondary events* report now includes information related to the type of listed events.	*114720*
Reports	The *Playlist* report has been modified to allow exporting and importing report layouts to, for example, allow sharing them between workstations.	*117929*
Reports	The *Program Schedule (alternate)* report has been added to generate documents containing playlists of a certain period, thus allowing to send an alternate scheduling report to other station departments (e.g. to ingest missing materials) that will verify its correctness.	*117932*
Scheduling	Changes performed to the scheduled duration, scheduled time and scheduled time of one segment of an exploded program are now extended to all its exploded parts, thus allowing this changes to be reflected, for example, in the *Hourly count of broadcast contents [details]* report.	*113953*
Scheduling	The *"Secondary events planning"* function of *Executive Editor* has been modified to make it also -besides time- also duration and type based.	*116544*
Scheduling	A new parameter allows *Executive Editor* to decide which media broadcast according to their codec priority, thus allowing stations to transmit the SD version of an asset media for one channel and the HD version for another.	*116895*
Scheduling	The visualization of the *"auto-publish"* status has been improved by including it on the top station bar of the *Executive Editor*.	*117921*

Scheduling	The planning of secondary events based on the duration and type of scheduled programs is now capable of taking different actions for programs containing break points (i.e. plan for all segments, plan for the first segment or plan for all segments but the first one).	*117992*
Series Manager	Now changes performed on the metadata of series episodes are logged in the operations tab of the media library of each episode.	*115408*
Series Manager	The *closed caption* property has been added under the section for the management of series episodes.	*117935*
Tape Management	The *Tape Library* module now allows operators to easily create a new blank tape, duplicate a tape and all its information, copying all tape information to another tape.	*115447*
EtereWeb	It has been added the capability of setting the quality value that determines which recorded assets will be included in the ingest list.	*111299*
Workflow	A *"quality set"* action has been added to the workflow management to automatically set the quality level of assets.	*111292*
Workflow	A new workflow action named *"set aspect ratio"* has been added to automatically change the AR of an asset via workflow.	*117337*
Air Sales	Strategic Editor counts now with a new view for all the "operations performed in the day", thus allowing operators to undo the last performed event transactions (e.g. insert, move, delete, change, etc).	*103157*
Air Sales	Various useful reports has been added to the "Multichannel Asset Change" module to speed up the consultation and management time by operators.	*109604*
Air Sales	An "Events Log" function has been added to allow viewing all the operations performed for the asset(s) linked to a certain detail.	*113449*
Aligner	The Etere Aligner window is now launched automatically minimized to the system tray.	*114177*
CMS	Quality control now includes a "loudness measurement" feature based on the ITU-R BS.1770 standard for concurrent loudness metering via workflow.	*114137*
Data Mover	The "XfrExec.exe" DataMover action has been improved to support trimming large files (e.g. GXF) according to a given mark-in and mark-out.	*113456*
F90	The "Standard Generic XML" import has been improved to allow importing, besides the standard schedule, also up to ten alternative schedules.	*100851*
HSM	A "maintenance mode" tool makes possible to perform some operations regarding tape drives including key functions such as loading, unloading, restore, migration, analysis, deletion and repairing (some content might be lost).	*108255*
HSM	A "full re-catalogue" tool will allow stations to completely clean up their tape inventory by removing from it all formerly catalogued tapes and repopulating it with the catalogued content of those tapes actually present in the system.	*111300*
MAM	Added the possibility of launching a "partial restore" from Etere MAM, directly from the "Metadata Indexing" module.	*96398*
MAM	Support for managing separate audio segments which can be either imported audio files or recorded voice over tracks, thus allowing to mix video and audio segments, dub video contents, overlay live-audio, normalize sound levels and much more.	*111493*
MAM	Support for creating news stories via workflow as either virtual assets (i.e. a logical media made up of references to other asset's media segments) or conformed assets (i.e. a physical media made up of conformed media segments).	*114792*
Memory	The capabilities of the Memory Browser module have been enhanced with the inclusion of timecode overlay for saved clip segments.	*104120*

Memory	The recording interface of Etere Memory has been updated to allow an easier and more intuitive logging of aired video content.	*110452*
Memory	Stations aired video content are now logged across different outputs managed by separate "station licenses" used to distribute recorded content to different broadcast network types (e.g.: terrestrial, satellite, cable, IP, etc).	*116450*
MOS Gateway	Etere MOS Gateway is now capable of managing, besides a master automation, also a clone automation used for the news playout.	*113510*
MOS Gateway	A parameter has been added to define the group (or groups) to be used for cataloguing objects sent to the Newsroom system (e.g. ENPS).	*116142*
MTX	A new extension of Etere MTX, Etere MTX MC, is the solution that will permit stations to reach the target of a full IT-based playout provided with master control capabilities, this, by allowing to use the same single server for playout, switch, transitions, logo insertions and many more CG functions.	*111618*
MTX	The wide list of supported ingest profiles has been enlarged with the inclusion of a "MOV MPEG-2 IBP HD 4:2:2 50 Mb/s" profile (e.g. for MOV wrapping from XDCAM HD to FCP).	*115071*
MTX	Etere MTX supports custom fade-in/fade-out speeds for overlaid graphics and specific crawling/rolling speeds and directions for overlaid texts, allowing for the latter ones, the insertion of head and tail images at the start and end of a text.	*116153*
Reporting Service	Now, the "Pending Recordings" report permits to display in the SOM and EOM columns the EDL of the various segments -of the first future scheduled appearance- instead of the EDL of the entire asset.	*112354*
Reporting Service	System supervisors can now be enable or disable reports for specific user-groups through the configuration of proper reports rights.	*115999*
Scheduling	The "transition tables" section permits now to apply changes to all available cells and not to only the selected one.	*102901*
Scheduling	The functionality of the interface for the management of "transition tables" needs to be improved with shortcuts to allows an easy management of huge lists.	*102903*
Scheduling	A "synchronized playlists" feature will allow stations to manage from a single schedule all the daily schedules belonging to other stations; thus permitting Executive Editor to work in a truly multichannel mode, where all events insertions, shifts, replacements and deletions are automatically replicated in the linked stations.	*105841*
Scheduling	Now, every time Etere Automation changes the television day (e.g. from Monday to Tuesday), Executive Editor will automatically load the related day to keep the on-air event always on top, this, ONLY if Executive Editor was open on the current television day.	*107656*
Scheduling	A new function has been implemented on the "transition tables" section for copying transitions between different stations.	*107795*
Scheduling	The remote control commands of the "Video Assist" have been improved to allow a smooth playback control.	*112270*
Scheduling	A new parameter has been inserted to allow enabling/disabling the visualization of a confirmation message each time an event is dragged and dropped under the Executive Editor.	*113709*
Scheduling	Possibility of selecting from a dropdown menu the insertion of a "video over" secondary event at either the start or end of a primary event.	*114231*
Short Event Reel	The "Short Event Reel" module is now able to trigger a workflow (e.g. for restoring those needed clips into a video server) before start.	*110774*

EtereWeb	Web operations can now be requested via workflow by users, thus allowing supervisors to temporary grant or deny the requested permission (e.g. download a file linked to a certain asset) and automatically communicate the response to the user through an email notification.	*114475*
Workflow	Capability for creating different versions of an asset via workflow, thus allowing for example, a smoother production of assets where several versions are created before generating the final one.	*113376*
Workflow	A new workflow action now permits to automatically check specific assets' SMPTE metadata fields and also set them to a certain default value.	*113997*
Workflow	New actions has been added to the workflow actions repository to improve the management of assets including, for example, a logo insertion workflow action.	*113694*
Workflow	Supervisors can now rely on a "Workflow Monitor" for a total control of all workflows executed on the station, a very useful tool that also allows them to manage all workflow related objects and actions such as transfers, checks, requests and much more.	*115201*

(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	Reference
Aligner	A problem with Etere Aligner has been solved, it avoided events from being updated in the EE playlist.	*121337*
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	*117948*

Etere module	Bug description	Reference
	exploded parts.	
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
Automation	Automation has been improved to send the *physical start* 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 of 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 **Etere Data Mover** 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	119866

Etere module	Bug description	Reference
	default.	
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*
MAM	The list of full-text results of the Metadata Indexing 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 *physical start* 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*

Etere module	Bug description	Reference
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	Every time 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
Scheduling	It has been fixed an issue on Video Assist, it arisen when loading one clip in between a break, only that clip is played and not the following ones.	123470
Scheduling	The Video 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 *physical start* 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 *retrieving from digital libraries* are now recorded into the operations log, thus avoiding errors related to asynchronous TXT subtitles.	125177
Active Sync	A new workflow action named *Reset logical marks* has been added to set the logical marks of an asset media with the physical marks, recalculating also the net duration. This action will permit Etere Active Sync to update the duration correctly.	110008
Ad Insertion	A warning has been inserted in the *Executive Editor* settings to show a warning in case the difference between the duration of AD Insertions is exceeds a tolerance parameter.	119253
Air Sales	The priority with which commercial events have been scheduled can be consulted through the *Scheduling Status* tool.	110378
Air Sales	The explode function of the *Strategic Editor* has been fixed to correctly spread virtual assets into their EDL parts.	113867
Air Sales	Tables used to define the "price ratio" of rate cards now supports three decimal places for a more accurate percentage calculation.	115173
Air Sales	The "duplicate" function of the *Orders* module has been modified to duplicate also the scheduling rules of the source order line.	116861
Air Sales	The "F4" key shortcut which was not working for selecting blocks within the *Weekly schedule* has been fixed.	117095
Air Sales	A *block swap* operation caused the broadcast playlist to have some incongruences (e.g. segments starting "before" their previous segments), this bug has been fixed.	117300

Air Sales	It has been fixed the issue of an access violation on the from the *Strategic Editor* module, it were displayed when adding an asset for a second time using the [Ins] key.	*117665*
Air Sales	An icon has been added to the *Strategic Editor* schedule to highlight the presence of operator notes for programs (also for exploded programs).	*117947*
Air Sales	A new parameter has been added to enabled/disable the visualization of notifications during the scheduling stage, the use of notifications will allow the SE schedule to get automatically updated with the automation changes.	*118319*
Air Sales	The function for searching commercial orders from the *Strategic Editor* and scheduling them manually has been changed to not display "running" proposals but only those already approved.	*118982*
Air Sales	It has been solved an issue related to the *Orders* module, which when calculating the "total runs", it didn't counted events transmitted in the current day.	*119318*
Aligner	The threshold for checking the memory leakage has been increased (to 140Mb) to avoid ram memory leakage issues on *Etere Aligner*. Moreover, logs have been improved to include also handles, user objects and gdi objects.	*116945*
Automation	Station logos are displayed before their scheduled program (i.e. in the last commercial before the live program), this, due to a *start* command given in advance by the clone automation to *Etere STMan*.	*115225*
Automation	It has been fixed an issue that scheduled clips loses one frame after being transmitted, this, due to a driver's delayed start for updating timestamps.	*115517*
Automation	A bug has been fixed, it caused a clone automation to get desynchronized and not receive on time a GPI command for triggering a commercial break.	*116736*
Automation	The main and clone automations resulted in fault due to a "reset" command received after publishing a paused automation playlist which contained an operator wrongly skipped clip.	*117115*
Automation	A time shift between the main and backup automations was detected when the transmission of an scheduled event was delayed. This issue has been fixed by making the automation to truncate delayed events in order to start the next event at its scheduled time.	*118393*
Automation	It has been fixed a problem in the automation, which changed the status of a clip with a delay due to a failed timeline synchronization between the video server and the driver.	*120291*
Automation	The automation got blocked after performing two consecutive clip changes due to a problem on the device driver.	*119611*
Automation	The automation got blocked after publishing and reloading a playlist too close (2 frames before) to the clip change.	*119864*
BMS	Now, in the *Series Orders* module, it is possible to narrow the deletion of scheduled programs to only some specific weekdays .	*114630*
BMS	The results retrieved from the *Series Manager* search now include the *series season* property.	*114916*
BMS	In case of entering an existing code for a new series order two different orders were created with the same code. Now, this issue has been fixed to warn the operator and propose an automatically generated valid code.	*116109*
CMS	Fixed an access violation error raised when a *CMS process* executed by *Etere Data Mover* results in timeout.	*119009*
Configuration	Now is possible to set one lowres codec to be used by default, for example, for the proxy preview of assets.	*115731*

Data Mover	The multistep action is now capable, in case of using multiple destination paths, to copy the requested file to the first path with free space.	*119690*
F90	Data exported by the AGB function used to present some incongruences when grouping exploded scheduled programs for which the first exploded part was missing.	*119180*
HSM	It has been fixed a problem that when a *media pool* was set for archiving events according to their type it was not saved after the closure, thus causing the HSM archive to not be performed.	*116767*
HSM	An error encountered when updating the content of tapes due to *Data Pump Maintenance* has been solved. Now if an archived asset doesn't count with an XML containing all its data, a warning will be displayed.	*116813*
HSM	A bug related to an "invalid integer value " error raised when performing the backup of a LTO tape has been solved.	*117166*
HSM	The *recatalogue* operation performed by the *Etere Data Pump* now removes from the database all archived files which are invalid/corrupted.	*119369*
Ingest	Searching for an inexistent path on a MTX device caused the *Operations by Workflow* module to get hanged due to a lock on the MTX resource. This issue has been solved by decreasing the locking time to only 3 seconds.	*116924*
MAM	The workflow action for *partial retrieve* has been modified to return an error in case the code of the asset required for holding partially restored files is expected to have more than 32 characters.	*117638*
MAM	The function which calculates the offset of subtitles has been fixed to calculate the timecode correctly.	*119458*
MAM	The *Statistics* module now displays the total number of video transfers performed on a day, week or month.	*119806*
Media Library	The length of EPG fields is now subjected to a limit, thus allowing operators to receive a warning every time the limit is exceeded.	*114898*
Media Library	A new function has been added to extend changes performed to the asset media and properties to all the scheduled on-air appearances of the asset.	*117883*
Media Library	An "invalid object name" error message has been fixed, it was displayed when searching assets using the *"performed by"* filter.	*119066*
Media Library	The *partial restore* operation for EDL segments raises an error if the code of the source asset contains an apostrophe.	*119342*
Media Library	The *Media Library* has been improved to log all changes performed on the asset's secondary events and display them in the *operations* tab.	*120106*
Money	The visualization of text wrapping and carriage returns have been fixed on the invoice description.	*106490*
MTX	A new parameter has been added to MTX resources to set an *"alternative path for searching clips"* which allow pointing to the clips of another server (e.g. to perform the proxy preview from a matrox dongle).	*116147*
Promo	A more detailed log has been implemented in module for the insertion of promos, thus allowing to better track undesired operations.	*119630*
Reports	More data has been added to the properties column of the *"daily runs and secondary events"* report.	*115912*
Reports	An unexpected text overlaid problem was fixed on the "events log report", it occurred when generating a RTF (or TXT) document with a custom header.	*117502*
Reports	A problem in the "program schedule" report has been fixed, it made that when selecting the *report type* and pressing the *settings* button, the report interface get stuck on the predefined type without allowing a selection.	*117900*

Reports	A timeout received when generating revenues sundry reports has been fixed, the creation time of all the involved reports (e.g. revenues by agency, revenues by customer, revenues by salesman, etc) have been optimized.	*118130*
Scheduling	The insertion of promos before/after an *MSHOP cluster* (defined by the media shopping property) has been fixed, now the promo remains out-of-program instead of becoming a top or tail part.	*110564*
Scheduling	Scheduling crashes when a long script message is visualized since the automation playlist gets locked. Now the automation playlist remains unlocked during the visualization to avoid crashes.	*113353*
Scheduling	The clock of *Executive Editor* has been fixed since it didn't display messages when the clock speed was set under 10 seconds.	*115499*
Scheduling	Fixed a problem that when using CTRL-Z function on a certain playlist after working on a previous playlist, the first playlists used to get empty.	*116869*
Scheduling	The *video over* secondary event has been fixed to show a warning every time an unrecorded asset is associated to it, moreover, *Etere Aligner* has been modified to also restore assets linked to *video overs*.	*117012*
Scheduling	The "cue" command has been fixed to not crash when executed by the "load to VTR" function. The problem occurred with clips ingested with a timecode starting before midnight and finishing after.	*117102*
Scheduling	Pressing the CTRL-F1 keys combination used to open the user guide instead of moving across events.	*117178*
Scheduling	An access violation raised when opening Etere has been fixed.	*117610*
Scheduling	The tailored function which import asset forms from Proteo has been modified to allow setting a custom prefix according to the station.	*117763*
Scheduling	It has been fixed a problem that when replacing an asset with another one using the "*Change with another event*" function, the media of the replacing asset was pointed out as missing.	*117874*
Scheduling	An access violation raised when opening Executive Editor has been fixed.	*118374*
Scheduling	The format of scheduled events is not displayed under the "properties" column due to a logo mapping issue.	*118425*
Scheduling	The "video assist" workflow action which set an asset as available or not for *Video Assist* gets faulted if the *Video Assist* database is offline. Now, in this case the workflow action returns "not available".	*119304*
Scheduling	An unhandled exception is raised when an event of the *Video Assist* playlist is put in play, this, due to a double execution of the "playback" thread.	*119543*
Scheduling	Scheduling crashes when a long script message is visualized since the automation playlist gets locked. Now the automation playlist remains unlocked during the visualization to avoid crashes.	*120757*
Series Manager	The function for generating the episodes of a series have been modified to allow the inclusion of the episode number in the title.	*113733*
Series Manager	The contextual menu of search results now allows to set an entire series as live (i.e. to be transmitted from a router channel) as well as to change the event property (i.e. variable, manual, fixed, etc).	*117936*
Series Manager	A new function has been added to extend changes performed to series' media and properties to all the series' scheduled on-air appearances.	*117945*
STMan	A "file not found" error has been fixed, it raised when trying to send a *ctm string* from received the automation to a *ClassX CG Playout* device.	*120046*

Air Sales	Under the "Invoices Reports" section when grouping printing Statements, the system tries to print Non-Airtime invoices with the incorrect form (i.e. the Air-time Invoice), thus resulting in a blank page with a header.	*112398*
Air Sales	From the Block Editor, if the opened block is scheduled for broadcast, it is opened in read-only mode and the duration field is disabled; if subsequently to this, a new block is either opened or created, the duration field remains disabled.	*114252*
Air Sales	When a block is set as expired under the Block Editor, it is not possible to retrieve it on subsequent searches.	*114254*
Air Sales	When inserting jingles from Strategic Editor, the default insertion should be for "all splits" instead of the current "only for the split1 network" insertion.	*114255*
Air Sales	In case the scheduling type of a proposal is set to "BP", during its details insertion, also those segments which type is "P" are displayed, this, due to a wrong filtering.	*114257*
Air Sales	An "exception" error is encountered in the "Change structure" form of the "Weekly Schedule" module when scrolling with the mouse between the source blocks.	*115327*
Air Sales	In the "Sales" module, when assigning to a commercial detail an asset which had been previously associated to a deleted commercial detail, it is assigned with a zero duration.	*115718*
Automation	When the "Remote Control Panel" window is moved and then closed, it is not possible to open it again (a wrong resized window is displayed), moreover, if the timecode counter is moved it is not possible to move it back.	*114761*
Automation	In case of activating the "Disable Tx on secondary devices" flag under the automation master/clone settings of a system (formed by two Etere MTX, one video router and without an ET0558 device), Etere STMan becomes unable to use MTX graphics.	*116103*
BMS	The "delete" button is not available from the "Series Orders" each time a series detail is selected.	*114623*
Configuration	Some text labels are not displayed correctly with the new skin, the possibility of disabling the "Etere Skin" feature is required.	*113932*
Data Mover	In case a target storage doesn't count with enough space for a media transfer, Etere DataMover sets the related workflow action as "aborted" instead of setting it as "failed".	*114128*
Data Mover	Under Etere DataMover, when managing a queued job (set priority, block execution, reset job, etc), the application perform the action for another -non selected- job.	*114557*
F90	In case of importing live events using the "Pebble Beach" import, the \<source> tag indicates the routing channel from which they will be feed. In case the specified \<source> (e.g. satellite) is missing on the database, it will be automatically generated as "LIVE_\<source>" (e.g. live_satellite).	*113407*
F90	When importing live events using the "Pebble Beach" import, the value provided by the \<source> tag will be imported as the live's feed channel in case it exists in the Etere's routing table.	*114250*
F90	The "Standard Pebble Beach XML" import (formerly named "Custom Band") now allows to import files exactly as produced by Focus, that is, including the on-air date and time.	*115130*
HSM	The "export" and "import" functions, present in Etere HSM, have been renamed to "eject from library" and "inject into library" respectively.	*115066*
HSM	The "Extend I/E port" parameter has been removed from the Etere HSM inject/eject forms since this feature is automatically detected.	*115065*

Ingest	In case of recording two consecutive live events which overlap, "Scheduled Ingest" doesn't split the second recording to another available channel.	*100527*
Ingest	When recording an asset using the "Easy Ingest" module, the Executive Editor playlist on which that asset is scheduled doesn't shown any warning that indicates that the playlist has changed and it needs to be re-published.	*111552*
Ingest	When recording an streaming asset using either the "Easy Ingest" or "Multifunction Ingest" module, in case the recording is canceled, the recorded marks remains replacing the original ones.	*115980*
Media Library	The "Invoices Report" doesn't show the printing progress bar correctly, it get suddenly stuck.	*115784*
Media Library	No warning is prompted when selecting the "delete media" and "delete link" from an asset form.	*114403*
Media Library	Media icons are not displayed on the Etere "Media Library" module due to a problem on the icons format.	*114903*
Media Library	In the "Media Library" module, offline tapes are now displayed with a "yellow line" for remarking their unavailability.	*115070*
Media Library	When creating a new asset form through the extended formulary, the set type is not saved on the new asset.	*116081*
Reporting Service	Data displayed on the pdf format of the Air Sales "Scheduling" report is too stretched, even if during the preview it was ok.	*112949*
Reporting Services	The "Statement Multi" report, which replaced the old "Statement" report, lacks of a "select/deselect all" function and some filters for clients, agencies, clusters and collections.	*114863*
Reporting Services	The report "Revenues Sundries" (formerly named "Revenues by salesman [extended]") doesn't allow to select the period for which the report is intended to be generated.	*115227*
Scheduling	In case an event is scheduled before the rollover time of a certain television day, Executive Editor doesn't change the rollover time to the new start but keeps it and show a warning about the incorrect event start time.	*103207*
Scheduling	The "on-air schedule publishing" parameter keeps disabled after enabling it and restarting the Executive Editor.	*113931*
Scheduling	Problem when previewing the HiRes version of an asset which scheduled marks are straddling the midnight.	*114511*
Scheduling	Error in "Etere Scheduling" when importing changes into the real schedule due to the presence of disabled "video fault" segments in the asset's EDL.	*114346*
Scheduling	The module for the management of "immediate crawls" allows creating crawls with the same code, thus avoiding an easy differentiation of crawls.	*114385*
Scheduling	The clock present in the "Executive Editor" is not able to remember its last screen position and appears always positioned in the top right of the window, thus overlapping the application's main menu.	*114410*
Scheduling	The automation controls are not correctly displayed (wrong colors) in the "Remote control panel" under the Executive Editor.	*114611*
Scheduling	Executive Editor is unable to load an archived playlist (.tra) using the "Import the automation schedule" function.	*114640*
Scheduling	The Executive Editor playlist got frozen after requesting an "update duration" command for all the events scheduled after the current on-air event, stopping also the automation.	*114664*

Scheduling	Error (wrong description) when exploding an asset which has been previously copied from another one.	*115052*
Scheduling	The asset's "technical notes" field has been included in the columns displayed in the Executive Editor's playlist.	*115053*
Scheduling	In case an event is requested for being played from a tape using the "Load to VTR" function and then another event is selected using the same function for being played from another different tape, the VTR keeps playing the first event without loading the latter one.	*115338*
Scheduling	An "impossible to export, automation can't refresh" error message is displayed when trying to publish a playlist afterwards to a manual refresh request.	*115431*

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Etere 21.x.x.x

Etere v21.x.x.x (Release year: 2011)

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	Reference
Air Sales	New function on the Series Scheduler module for replacing exploded scheduled episodes with other episodes from the same series.	*104377*
Air Sales	A progress bar has been included in the Invoicing module to indicate the status of the invoicing print process.	*112092*
MAM	The Etere's asset management has been extended to the use of work orders, thus allowing stations to track via workflow the asset's subtitles generation, promo creation, tape copying, media editing, audio dubbing, etc.	*108452*
Automation	Restyled automation with a more friendly interface, colored bars, customizable interface, dockable panels, etc.	*110627*
BMS	New programming features has been added on Etere BMS for allowing a suited scheduling of TV Series and Programs as well as a quick change of assets of schedule segments.	*100896*
Configuration	A totally restyled interface of the appearance of Etere desktop modules, including an all-new look and a modern skin and icons set.	*110089*
Data Mover	Media transfers are now certified using the standard MD5 Checksum, the signature method that allows to either automatically generate via workflow the file hash of media files associated to assets or verify if a file is corrupt.	*95674*
Data Mover	Etere Data Mover is now capable to provide both, distributed processing for using an independent agent per data transfer and parallel processing for simultaneously performing different instances of one data transfer; thus allowing to exploit the high computing resources of a server to perform multiple transfers.	*97802*
Data Mover	Etere has developed EDT (Etere Data Transfer) based on a streamlined algorithm capable to utilize all the available WAN bandwidth, making of it the ideal solution for data intensive transfers over high speed wide area networks.	*105038*
HSM	A realignment function has been added to the management of media pools content provided by Etere HSM.	*111833*
Ingest	Capability of selecting the station(s) from which Etere Cart Ingest will search and record assets.	*105567*
MAM	New feature on the Etere News Story Creator for exporting a playlist in XML format readable by EDIUS systems.	*112259*
Media Library	The federate asset management features of Etere have been increased with new import and export functions that will permit stations to integrate remote assets on their systems, thus enabling the management of external assets as local, including external searches and workflow triggering.	
Memory	Etere Memory now counts with individual licenses for each video-logging channel, thus allowing recording the aired video content of a station across different licensed outputs (e.g.: terrestrial, satellite, cable, IP, etc).	*96608*
Money	Etere Air Sales now integrates the most common accounting operations including transactions recording, deadlines management and commissions settlement.	*111882*

Etere module	Feature description	Reference
MTX	Subtitling capabilities has been added to Etere MTX, thus allowing to not only use text objects as crawling and rolling text but also as overlaid captions.	*112898*
Rights Management	Etere has improved its rights management, passing from an individual to a group management.	*110101*
Scheduling	New feature on the "Artists full" import for importing -besides the name, surname, stage name- also the band name.	*98840*
Scheduling	A new emergency playout system has been developed, it's the Etere Video Assist, a feature that allows operators to manually broadcast up to four different emergency playlists based on schedules periodically saved by the main system.	*103821*
Scheduling	The "AGB Italy" export function can now export a "parallel" second file containing the same scheduling information shifted by 'x' hours.	*104113*
Scheduling	The integration between Etere Scheduling and Etere Air Sales continues towards a tight functioning never been before, scheduling operators can now copy commercial events, send commercial events to black list, move commercial events to an alternative schedule and much more.	*105466*
Scheduling	Common on-air commands such as passthru, logos and titles can now be triggered with-just-one-click from the on-air playlist.	*105519*
Scheduling	Request for inserting during the scheduling phase an extra logo featuring the same parameters of another logo.	*109069*
Scheduling	Introduced new function to unbind "multichannel events" common to multiple schedules.	*112565*
Web Services	Etere API has changed its name into Web Services, it's essentially the same module but with some new functions for a robust API management.	*104649*
Workflow	The CMS (Content Management Server) module has been redesigned to work via workflow, thus allowing to automatically search for all defective video issues present on a certain asset's proxy video.	*95812*
Workflow	The robust workflow management of Etere keeps growing, it's has been enriched with new more action templates including web requests, work orders, etc.	*106877*
Workflow	A new workflow action has been introduced to convert an "external asset" (e.g. imported) into a "local asset".	*113817*

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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	Reference
Active Sync	"Bad answer decoder" message when using Etere ActiveSync due to an out-of-memory error on VDCP devices.	*111937*
Air Sales	Lengthy order codes are truncated in the "Total Revenues" report.	*109530*

Etere module	Bug description	Reference
Air Sales	The personal data used in the 'Invoice' module should change 'VAT Number' into 'ABN Number' and remove the 'TAX Code' for australian systems.	*107179*
Air Sales	Double up [CTRL+Alt+R] keys combination on Strategic Editor for the 'Use insertion rules' and the 'Report' functions.	*112116*
Air Sales	The 'Air Sales Booking Server' hangs during a contract scheduling launched from the Air Sales Scheduler.	*109174*
Air Sales	The 'Assign space' tool, available in the Commercial Orders module doesn't open correctly.	*109245*
Air Sales	The Weekly Schedule "replace block" function ignores selected week days, replacing the block across the given date range.	*111439*
Air Sales	Using Weekly Schedule to duplicate blocks from one station to another returns a "insertion failed" error.	*111580*
Air Sales	Segments added to the grid structure from Strategic Editor are not reflected from Weekly Schedule.	*112731*
Air Sales	The "Agency Settlement Rebates Notice" report includes out of range payments data (i.e. prior to the selected month).	*112943*
Air Sales	Asset duration error received when creating "Model 1" proposal detail lasting two minutes (120 seconds).	*112945*
Air Sales	When creating a new proposal for a certain customer, not all its related fields are automatically compiled.	*113073*
Automation	Error on the master and clone automations when skipping a clip on the video server.	*111136*
Automation	The clone automation is unable to restart if a "play" command is executed after a "cue next" command on an Omneon video server.	*113116*
Automation	Problem when skipping the last clip in the timeline if the automation is "stilled".	*113228*
BMS	Incongruence between Executive Editor and Strategic Editor subsequent to the deletion of a series episode previously scheduled from Etere BMS.	*104580*
BMS	The Series Manager allows inserting an episode numbered as "0", thus creating a conflict with the first episode (i.e. numbered as "1").	*112563*
Browsing	Counter displayed in the middle of the video (rather than at the bottom) when reviewing recorded memory files.	*113295*
Configuration	An error arises (invalid object name 'dbo.arc_tipologieusers') when searching for an archived asset (i.e. stored on the Etere's historical database).	*112390*
Data Mover	Deleting media files through VACP interface on a SGL Cache device doesn't work due to a missing 'download path'.	*111351*
HSM	Caching were paused due to insufficient space on the cache threshold; now, the cache is automatically cleaned each time its threshold exceed.	*111667*
Ingest	The 'Quality Check' module did not allow a simultaneous preview using two different decoders.	*98533*

Etere module	Bug description	Reference
Ingest	Wrong physical duration error each time an EDL is saved with a wrong EOM value from the "Etere Ingest > Quality Check" module.	*112424*
Ingest	The Easy Ingest module gives error when, subsequently to a recording, the operator tries to preview the recorded clip on the backup video server.	*112447*
Memory	Memory files older than a "preset parameter" are not being deleted if the deletion is enabled for specific week days.	*112694*
Memory	Timecode overlay doesn't work and browsing files always show a 00:00:00:00 timecode on Etere Browser.	*111649*
Promo	The database gets locked each time an asset form is saved under the Promo module.	*111119*
Remote Control Panel	The on-air automation countdown doesn't synchronize properly each time an event is skipped.	*104379*
Remote Control Panel	Negative counter values are displayed outside the panel square.	*112271*
Reports	New report created to display a more detailed events log in hourly basis, thus allowing a better monitoring of broadcasted contents.	*110076*
Scheduling	Miscalculation issues on the "Hourly Count Of Broadcasted Contents" report for australian content.	*107060*
Scheduling	The 'update event duration' function has been modified to allow updating the duration of 'streaming' events.	*110996*
Scheduling	Delay of about 3 hours during the on-air transmission due to a wrong timecode SOM/EOM set by the operator.	*111203*
Scheduling	'Exploding all breakpoints' of an event based on its 2nd EDL doesn't work (the exploded SOM is not updated).	*111505*
Scheduling	Wrong focus on the Series Manager module when minimizing the 'Create episodes' window.	*111910*
Scheduling	The "rename event code" function of Executive Editor does not refreshes the new code into the schedule.	*112941*
Scheduling	Request for displaying a hourglass mouse pointer during the Executive Editor opening.	*113302*
Scheduling	Potential error on the check regarding the parental guidance of events inserted into the schedule.	*113354*
Scheduling	Problem when exploding an asset's EDL containing video faults starting either at the start or end of the clip.	*114215*
STMan	Titles sent by Etere STMan are missing on Etere Automation in case the related asset doesn't have a JPG media file.	*112240*
Workflow	Backup workflow gets stuck during the execution of a "copied" loan balancing action.	*113194*

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Etere 20.x.x.x

Etere v20.x.x.x (Release year: 2010)

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
Air Sales	Etere Air Sales is the new name given to a completely redesigned module for the commercial management, this module has been enriched with new features to simplify the management of commercial assets including their reservation, purchase, scheduling, and subsequent invoicing. A partially new GUI offers more powerful functions.
BMS	Etere BMS has been renovated to bring a complete integration with other Etere modules such as Air Sales and Executive Editor.
Configuration	A new feature related to the design of fully customized asset templates will certainly save a lot of time during the creation of assets.
Configuration	Operators have now the possibility of assigning specific secondary events to different stations, so each station will manage secondary events in a completely personalized way.
Configuration	Etere now has a launch bar that provides shortcuts to its various components, allowing operators to instantly perform specific tasks with just one click.
Data Mover	Media transfer capabilities have been enhanced with the possibility of interface almost any device available on the market, ensuring material to be in the right place at the right time, and most important, with the right format.
MAM	Audio over, finally Etere has audio over capabilities included in its News Editor module, available from a new user-friendly GUI intended to be practical and easy to use.
MAM	Media Asset Management functionalities have been improved with the inclusion of video conforming capabilities; allowing operators to create an EDL with different sources, and conform it as new file.
Media Library	The logs that track the activity of the system are now digitally certified, so they represent the equivalent of a signature of the operator for every action, thus becoming a key step towards a paperless television, while increasing the level of security and reliability of the entire system.
Media Library	Following with the philosophy of providing a tightest user interaction, all Etere modules have been improved to allow a greater level of customization in both, functional and graphical aspects (e.g.: search of assets).
Scheduling	"Air Sales" integration capabilities goes up since commercial structures are now visible from Executive Editor, the multi-functioning application offered by Etere to program events almost intuitively, allowing inserting and deleting events present on commercial structures even few frames before their appearance on-air, all this with a full view and understanding of block-based structures.
Monitoring Console	An enhanced SNMP monitoring service offers a complete logging of operations, allowing generation of reports for further analysis; additionally, the support of SNMP devices has been extended.
Workflow	Etere Data Mover, new actions are now available for the creation of streamlined workflows regarding assets management including 'load-balancing', 'storage-management', 'quality-check', etc.
Workflow	Web assets management is a growing need such as technology is, that is why EtereWeb allows contents to be partial restore via browser, that is, remote users will be able to download specific segments of an source video through a simple web interface.

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Consulting related chapters

The new features and bug fixes detailed in the release notes can be consulted directly on the chapter of the module to which they are related, this, just by making click over the name of the **"Etere Module"** indicated in the list: