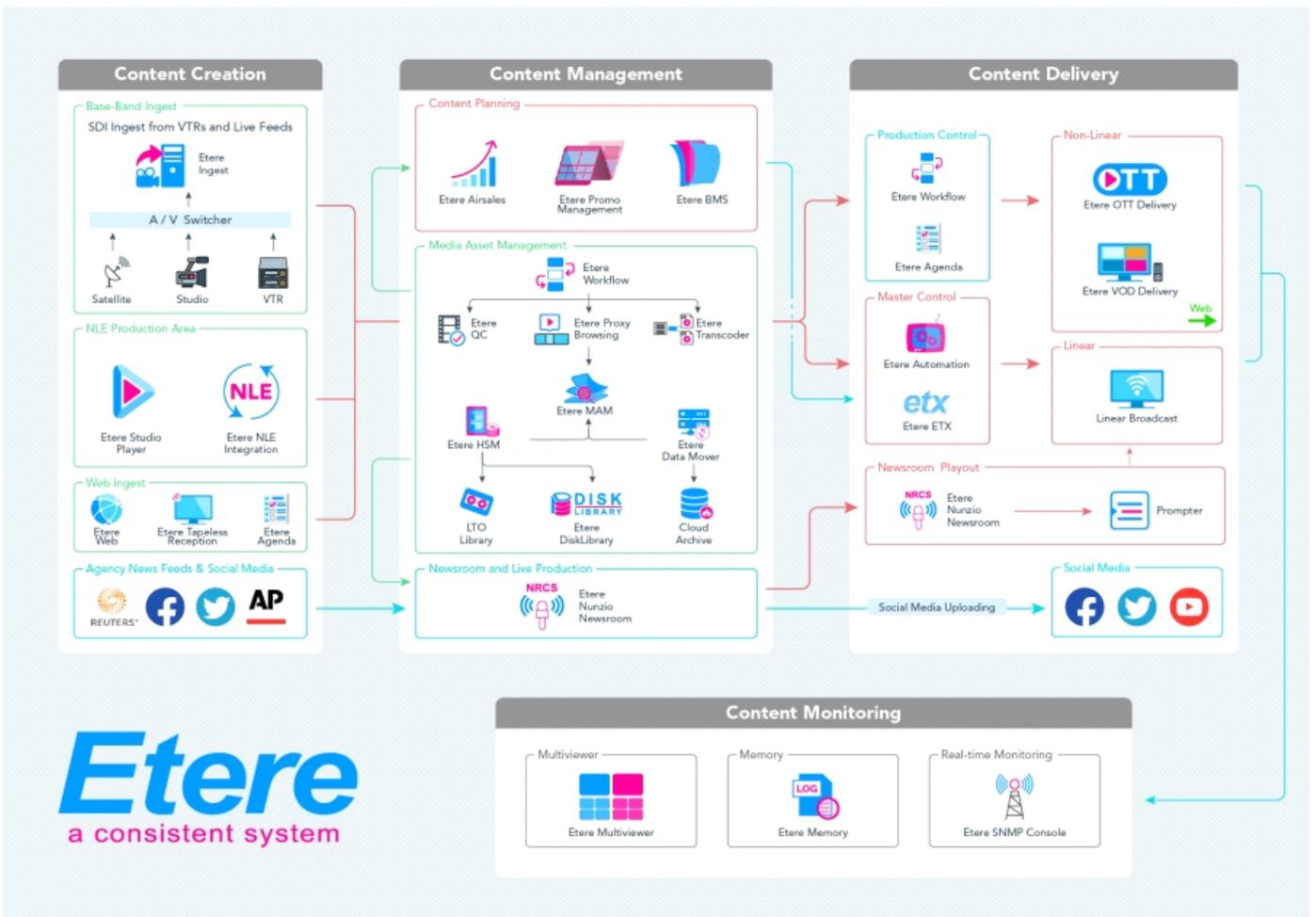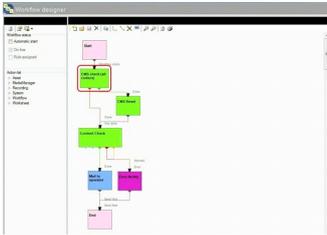# EA1212 ETERE T WORKFLOW

Etere T-Workflow Orchestration is a complete solution that empowers broadcasters with the software tools to understand, optimize and orchestrate workflows across the end-to-end media lifecycle.

Etere T-Workflow is the most powerful product of the market. It is not based on an external workflow engine glued with the **Etere Media Asset Management (MAM)**, but it is a part of Etere MAM and MAM cannot work without the workflow. Etere does not use an external engine but uses SQL to manage the flow of information. Writing and reading data in SQL tables is the method used to process a workflow. This unique approach results in a very powerful workflow, it can start 100,000 workflows in under than one second and it creates a very robust system. If SQL and workflow are active, it will not fail. If SQL is redundant, the workflow is also redundant, there are fewer hardware and software needed to perform any activity and it can manage unlimited performances. Etere T-Workflow provides a unique, fast and efficient user experience. It is an essential part of the broadcasting process not only because it enables operators to set broadcast management rules but principally because it depicts how the broadcasting process is executed and the connectivity between workflow actions to make it happen. Etere T-Workflow Orchestration establishes a simple, fully personalized and reliable way to create or modify distinct broadcasting procedures.
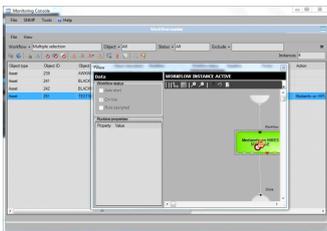
Key Features

A fully integrated file-based archive enables users to work with video material from long-term libraries to online servers, quickly and easily at any time. A workflow is composed by multiple steps, also known as workflow actions, representing sequentially interconnected actions configured to specific criteria. Workflow actions are used for performing some of the most important operations involved in the management of media content and files, for example, file quality checks, schedule check, media transfers, media transcoding, etc.

♦ Prepares content for multiple screens delivery, transcodes media and converts metadata for broadcast, internet, mobile or any other platforms.
♦ Clear definition of each complex step of the broadcasting process
♦ Visual paperless representation of each step mapped out
♦ Set of mandatory instructions and authorizations
♦ Complete log of all steps involved in a certain operation
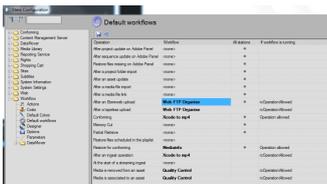♦ Simultaneous execution of multiple independent actions

Monitor and Manage Your Assets Easily

Running and completed workflows can be monitored from many different places, but the one that supervisors use the most is the "T-Workflow Monitor" tool which is integrated in the "Etere Monitoring Console" solution.
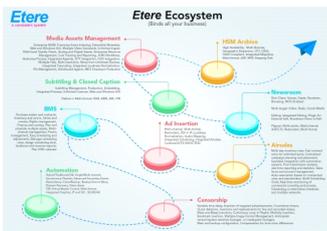
The T-Workflow Monitor is a very useful tool that permits supervisors to monitor all workflows executed on a certain station, allowing them also to manage their assets and related operations such as transfers, checks, requests and much more.

Systems interacts with **Etere T-Workflow** to seek confirmation of permission to carry out the processes requested. An integrated set of rules results in a more efficient and controlled systems management. Etere T-Workflow is powerful tool that is easy to use and check. With its user-friendly interface, it is easy to check how many assets are attached to a workflow and the state of assets attached to any workflow.

Automation

Besides manual execution, workflows can be set to automatically start after a tapeless upload, after a video file import, after a video file link, after an asset update, after an EtereWeb upload, after an ingest operation, after a project folder import, after media is removed from an asset and after media is associated to an asset. It can also automatically start at the beginning of a streaming ingest, to create memory cuts or for partial retrieval.

Etere Ecosystem Integration

The Etere Ecosystem framework allows you to configure workflows in any module including:
♦ Etere HSM to store assets in long-term libraries and restore them on demand
♦ DataMover to transfer files with enhanced redundancy and load balancing
♦ Etere Resource Management to assign and track operations
♦ Etere Automation to ensure file availability in required servers