



Vantage Workflow Engine for Agility 2G

Enhance the capability and capacity of your Agility 2G workflows

Telestream Vantage® LCS for Agility 2G places the latest media workflow and transcoding technologies under your control. Intelligent analysis and decision making, automated QC and advanced workflow design and execution are accessible to Agility 2G workflows through any Agility 2G submission interface, including API automation, watch folder integration, or with the user interface.

The engineered integration of Vantage directly enhances the capability and capacity of Agility 2G media production networks. Unlike alternatives that rely on manual process steps or watch folder integrations that leave automation and status monitoring gaps in your file based workflow, Vantage LCS is managed and monitored within the Agility 2G ecosystem, so job and system status are monitored and reported through Agility 2G, and workflow efficiency is optimized.

Intelligent Media Production Workflows

Vantage LCS combines media capture, transcoding, clip management, media analysis, QC and metadata processing into a unified workflow framework. Intelligent workflows dynamically adapt by analyzing content within the workflow and branching to the appropriate workflow process. Dynamic decision making enables improved automation while eliminating or reducing the effort of traditional workflow application development.

Automated QC and Analysis

Vantage LCS offers automated visibility into the compliance of output specifications. Vantage LCS automatically detects and measures many file and media characteristics and compares them to specifications and references to identify conformance and quality issues, without the need for manual inspection.

Inspection steps can be applied at any point in workflows for automated process control or final QC prior to delivery.

Integrated Workflows

Vantage LCS, Agility 2G and Avalon features can be integrated into a single workflow, predictably automating the assembly of very sophisticated and complicated media packages. Assemble media playlists in Agility 2G, analyze and QC the content for quality and compliance with Vantage LCS, package with Avalon and automatically deliver a packaged media product to your customers.

Ecosystem Control

Agility 2G Enterprise Control System configures Vantage LCS into the Agility 2G network to create a fully managed ecosystem of Agility 2G and Vantage LCS processing nodes. ECS manages job submission and load balancing of Vantage LCS tasks within Agility 2G networks. Agility 2G status monitor maintains real-time status of Vantage LCS tasks and system health so that you have full visibility of your content production network.

Investment Protection

Vantage LCS integrates into existing Agility 2G networks. Workflow specifications that combine Agility 2G and Vantage capabilities are defined in a single Agility 2G job profile, thus providing a single point of operational control for integrated systems.

Your investment in Agility 2G API integrations is expanded to include additional Telestream technologies. The Agility 2G API is 100% backward compatible with all Agility 2G conventions so Agility 2G playlist files (.an2 and .ply) are compatible with Vantage.

FEATURES AND BENEFITS

Integrated workflows

Combine the unique capabilities of Vantage LCS, Agility 2G and Avalon into tightly integrated workflows. Integrate at any level from passing complete files between the systems to sharing low level, intermediate files between steps. With Vantage LCS you benefit from two market-leading transcoding automation products.

Intelligent media processing workflows

Vantage intelligent workflows are dynamic and iterative to detect and fix non-compliance issues during processing.

Visual Workflow design interface

Vantage LCS includes graphical workflow design tools to visualize the intelligent workflow with more precision and accuracy than would otherwise be possible.

Vantage Analysis

Detect and analyze media files for container type, file bitrate, video codec, video frame, size, video bitrate, video frame rate, video interlacing, audio codec, audio bitrate, audio sample rate, audio channels, audio, bits per sample, aspect ratio, letterbox/curtain presence and size, black, slates & bars, ITU 1770 loudness measurement, telecine cadence, macroblock presence, field order, levels/gamut compliance, frame-accurate duration.

Vantage Automated QC

Eliminate manual QA steps by comparing Vantage Analysis results to predefined standards. Validate compliance of content to delivery requirements without manual QA.

Vantage Transcode Pro Connect

Rich transcoding format support includes SD & HD new media, edit, VOD, broadcast server, IPTV and MXF. Includes broadcast server monitoring and delivery; Avid Send to Playback and Interplay delivery; XML metadata transformation and delivery; web service notification.

Vantage Enterprise Control

With Vantage Enterprise Control, customizable cost-based load balancing ensures optimal hardware utilization, thereby maintaining capacity with less hardware. Every task is independently load-balanced across the network. This ensures that server loading is optimized to maximize overall throughput.

Vantage LCS Worker

Configure Vantage LCS into Agility 2G workflows with an Agility 2G worker and configuration interface. This feature provides a direct connection between Agility 2G and Vantage LCS to optimize workflow flexibility, performance and monitoring.

Integrated workflows

Combine the unique capabilities of Vantage LCS, Agility 2G and Avalon into tightly integrated workflow. Integrate at any level, from passing complete files between the systems to sharing low level, intermediate files between process steps. With Vantage LCS you benefit from 24 combined years of media workflow processing development and experience.

About Telestream

Every day, the world's leading media and entertainment companies turn to Telestream to publish rich media and unlock the value of their content. In 1998 Telestream pioneered the concept of automated, digital media production and publishing.

Telestream platforms support the mission critical content production requirements of media companies in over 40 countries. Telestream specializes in multi-platform publishing and our customers rely on our products to prepare their content for delivery on air, on the Web, on-demand, on mobile and other personal media devices.

With more than 4000 installations, including over 100 high-capacity enterprise-grade multi-node systems, Telestream solutions automate more media production tasks for the top media companies than any other digital media production and publishing solution.

