

Vantage Camera Ingest

Product Sheet



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Telestream Vantage automates camera ingest workflows for post production service providers, news, and productions using Avid Interplay

Automate Camera Ingest

Camera Ingest Shouldn't Be Difficult

Camera media ingest can be a laborious and time-consuming process. Manually browsing and linking clips, importing, and transcoding all take away from editing time. Further, for many projects camera shots need to be time-aligned or stitched, requiring even more work just to find and prepare the material before actual editing starts. Shots may be lost or placed in the wrong order, and this combination of manual import and alignment can waste hours of editing every day.

Batch Ingest of Camera Footage

Vantage allows hands-free batch ingest, processing and stitching of camera media with the Vantage Camera Ingest option. This option allows you to create camera-specific hot folders, which can watch either card readers or folders on hard drives. These hot folders understand complex camera file formats, and allow you to set up your rules for shot detection, stitching and ingest. Powerful software running on servers then automates ingest, transcoding and import of shots into your editing system. Vantage Camera Ingest frees editors to focus upon editing, instead of manually finding, importing and stitching clips.

Card Reader and Hard Drive Support

Vantage supports ingest from card readers or from hot folders on hard drives. Operators can either insert cards, or copy files from cards into a hot folder. Vantage detects shots, and automatically links spanned clips to ensure that each shot is correctly ingested. When a complete shot is available, it is automatically transcoded and prepared for editing. For Avid Interplay environments, multi-resolution clips can be created automatically in Interplay while allowing frame chase editing.

Automatic Stitching Saves Editing Time

Vantage allows automatic stitching of camera shots, saving editing time and money. During transcode, shots can be stitched in chronological order to provide a concise single meltdown for each camera. Alternatively, Vantage can perform automatic time alignment, inserting black between shots to recreate time-of-day across the entire day's footage. This allows multi-camera shoots and master audio to easily be synchronized during editing, without requiring editors to spend hours of manual labor aligning and stitching clips.

Fast Processing with High Quality

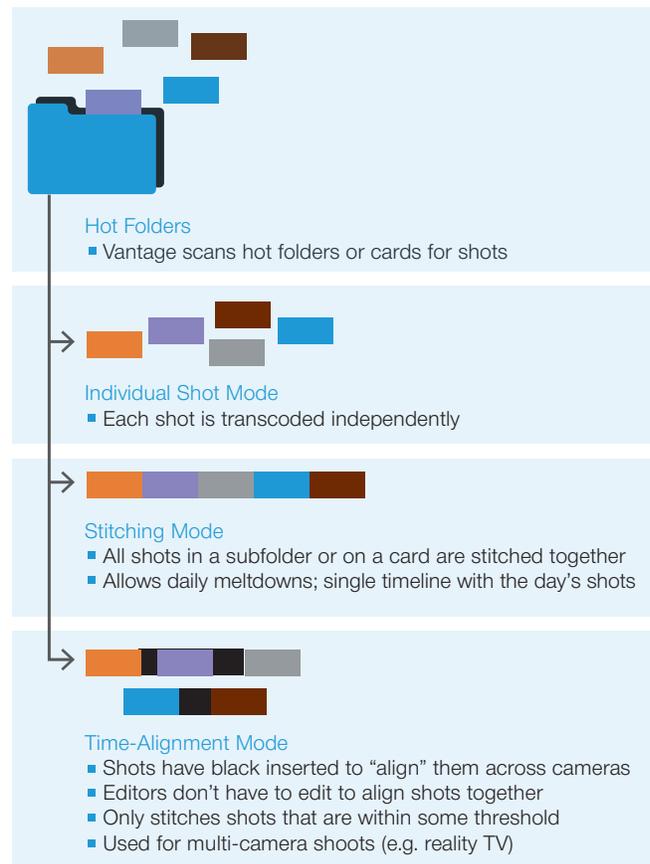
Add the Telestream Lightspeed Server, and camera ingest can be performed by a 1RU unit which includes full GPU acceleration. Running on Lightspeed, Vantage offers faster than real-time processing for most formats, high quality 16-bit video processing, and scalability to multiple servers for high-volume workflows.

Comprehensive Workflow Design

Vantage also supports a broad range of broadcast, VOD, IPTV, web and multiscreen transcoding formats. With powerful workflow design, Vantage can automate media-based decision making, ensuring that media is automatically processed according to its properties. Web-based monitoring and centralized administration makes it easy to view jobs and servers as work is performed. Finally, offering integrations with all major QC, editing, file delivery, audio and watermarking systems, Vantage can unify your multi-vendor workflow providing a single view of media processing.

Camera Support

Camera Format Support
Panasonic P2 (DV, AVC-Intra, Ultra)
Sony (IMX, XDCAM, HD/EX, and XAVC)
Canon 5/C/XF series (MOV and MXF)
GoPro
RED R3D files



System Configuration Requirements

Prerequisite: Camera Ingest requires the Vantage Transcode product sold separately.

Vantage:

Operating System: Windows Server 2016 (Standard or Data Center Edition)

Minimum Server: Dual, Six Core Processors - or better (a total of 12 cores or more is recommended), with 16 GB DDR Memory

Recommended Server: Telestream Lightspeed Server with GPU acceleration; High-Speed NAS or SAN storage recommended; GigE Ethernet adapter

SQL Database Dedicated Server:

Operating System: Windows Server 2016 (Standard or Data Center Edition)

Minimum Server: Four Core Processor - or better with 16 GB DDR required memory. 32 GB DDR is recommended for Domains with high job volume.

Database: SQL 2014 Standard or Enterprise, SQL 2016 Standard or Enterprise, SQL Express 2016

Client OSs: Windows 10 or Server 2016 (Standard or Data Center Edition)

¹SQL enterprise installation may require Professional Services, contact Telestream for details.

