
Vantage Licenses and Related Information

Vantage licenses enable specific Vantage features or feature sets. All Vantage software is available on the Telestream web site. You can download and install Vantage software in demo mode without licenses. At your convenience you can purchase licenses and add them to Vantage for only those products you need. If you need additional products later, you can purchase licenses for additional options.

Note: Some Vantage programs and features are available only with specific Vantage product licenses. To ensure you get the features you want, contact Telestream sales for the latest bundling and licensing information.

Product licenses do not include maintenance and support, which must be ordered separately.

The following topics below introduce the available licenses.

Transcoding Products

The following are the transcoding license configurations:

- Vantage Transcode—Includes Vantage Workflow Designer, SD and HD New Media, Edit, VOD transcoding format support, FTP/network folder workflow support, and enhanced video processing. GPU acceleration is available for this product when running on a Lightspeed Server. This is a software only, single server license.
- Vantage Transcode Pro—Includes Vantage Workflow Designer, SD and HD New Media, Edit, VOD, Broadcast Server, IPTV and MXF transcoding format support, FTP/network folder workflow support, and enhanced video processing. GPU acceleration is available for this product when running on a Lightspeed Server. This is a software only, single server license.
- Vantage Transcode Connect—Includes Vantage Workflow Designer, SD and HD New Media, Edit, Populate plug-in, Web Services Notify, and VOD Transcoding Format support. Provides broadcast server monitoring, XML metadata transformation and delivery, and Web Service notification. Also includes Amazon S3 File System support. GPU acceleration is available for this product when running on a Lightspeed Server. This is a software only, single server license.
- Vantage Transcode Pro Connect—Includes Vantage Workflow Designer, SD and HD New Media, Edit, Populate plug-in, Web Services Notify, VOD, Broadcast Server, IPTV and MXF transcoding format support. Includes broadcast server monitoring and delivery, Avid Send to Playback and Interplay delivery, AAF for MediaComposer and Interplay delivery via TransferEngine, XML metadata transformation and delivery, and Web Service notification. Includes enhanced video processing. Also includes Amazon S3 File System support. GPU acceleration is available for this product when running on a Lightspeed Server. This is a software only, single server license.

- Vantage Generic Catch Monitor—The Generic Catch Monitor for Vantage Transcode Pro and Transcode Pro Connect receives news clips from media delivery services, such as Extreme Reach Pathfire delivery service and transcodes to specified broadcast server or news system, and processes the XML sidecar into Vantage.
 - Requires Vantage Transcode Pro or Transcode Pro Connect
 - Automates ingest of content from media delivery system
 - Associated XML metadata is processed through Vantage
 - Files and metadata are delivered directly to on-air servers or newsroom production systems
- Vantage Transcode IPTV VOD— IPTV and cable VOD transcoding for HEVC, H.264, MPEG-2 and MPEG-1 Transport Stream files. Includes Manzanita Systems multiplexing and x265 HEVC and x264 H.264 encoding. Also includes Vantage Workflow Designer, enhanced video processing, and FTP/network folder workflow support. GPU acceleration is available for this product when running on a Lightspeed Server. This is a software only, single server license.
- Vantage Transcode Multiscreen—Multiscreen transcoding for Apple HLS, Adobe Dynamic Streaming, Microsoft Smooth Streaming, and MPEG DASH. Includes x265 HEVC and x264 H.264 encoding technologies, adaptive bit rate packaging, encryption for DRM and full workflow automation. Also includes Vantage Workflow Designer, enhanced video processing, TAR creation, FTP/network folder workflow support. This is a software only, single server license.

Transcoding Product Options

Transcode options extend Vantage transcoding capabilities:

- Avid Interplay Option—Enables delivery of files and metadata into Avid Interplay using Vantage Transcode Pro Connect. Enables AAF/MXF media encoding, metadata insertion, and delivery via Avid TransferEngine and Avid Interplay Web Services. Metadata insertion includes ability to add timeline locators and descriptive metadata into Interplay. Also includes additional Avid Web Services features for updating existing metadata and adding multi-resolution encoded versions to existing assets. This option is available for Vantage Transcode Pro Connect only. A Transcode Pro Connect license is required. Does not include first year's Annual Maintenance and Support, which must be ordered at time of purchase.
- Cinnafilm Tachyon and Cinnafilm Dark Energy Options—Tachyon® Video Processing Library (VPL) and Dark Energy from Cinnafilm® are available as separate or combined optional add-ons to Telestream Vantage Transcode and Transcode Pro. For professionals who deal in mixed standards and formats, the Tachyon option provides Vantage media workflows access to high-quality format and standards conversions tools. Tachyon and Dark Energy require Telestream K20 or better Lightspeed servers running Vantage. Dark Energy® can be used for removing unwanted noise/film grain, and for creating image upscaling and down-sampling. Down-samples are alias-free and up-res'd images are scaled with heavy consideration to the image texture at the new raster size.

- Comprimato JPEG2000—Enables GPU encoding and decoding of JPEG2000 video files. Available for the Transcode Pro option only, and requires a Lightspeed K20 server or better, both purchased separately.
- Dolby E Decode Option for Vantage Transcoding—Decodes Dolby E.
- Dolby E Encode Option for Vantage Transcoding—Enables encoding of DolbyE for Vantage Transcode and Transcode Pro. Contact Telestream for supported formats.
- GraphicsFactory Upgrade—Upgrade that can be added to any Vantage Transcode. Includes engine, template creator and submit tool.
- GraphicsFactory Template Creator—Provides node-locked seat of the Graphics Factory Template Creator, which can be run on a separate computer. Does not have to be run on a Vantage server.
- Vantage Camera Ingest Option—Offers significant time savings for post-production and news users by enabling hands-free batch ingest, processing, time-alignment, and stitching of camera media. Camera ingest software automates and simplifies camera ingest, transcoding and importing of shots in an editing system, freeing editors to focus on editing, instead of manually finding, importing and stitching clips.
- Dublist Portal—Dublist Portal for Vantage is a software option that provides the ability for Vantage users to monitor for incoming content, and compare that against a Dublist, which is a CSV file that includes media information. The Dublist Portal shows found and missing content and makes it easy for operators to identify missing files. Requires Vantage Transcode Pro or Transcode Pro Connect.
- Nielsen Watermarking Option—Allows insertion of Nielsen NAES2 and Nielsen Watermarking audio watermarks for measurement of D4 or D7 ratings for VOD content and also for commercial monitoring with Nielsen’s Sigma and KeepingTrac services. A single license allows up to four concurrent watermarking jobs to execute simultaneously. Requires use of the Vantage SDK or the Workflow Portal and Vantage Analysis; please see the Nielsen Application Note for more information.
- Timed Text Flip—Timed Text Flip is an optional module that can be accessed through the Vantage Workflow Designer. The option offers an automated subtitle and captioning service that runs on the Vantage Media Processing Platform, providing an interface to read, write, and adjust subtitle and caption data.
- Supports the import of data from multiple file types including EBU-STL, SRT, SCC, MCC, TTML (DFXP / SMPTE 2052), WebVTT, Lambda CAP, PAC, and source video files containing CEA-608/708 caption data. Supports the re-timing and frame rate conversion of caption and subtitle files with starting timecode, re-time rate percent, and timecode offset parameters to match source media file or transcode workflow.
- Exports from Timed Text Flip include TV and Internet caption and subtitle formats: SCC, MCC, SRT, Subtitle Overlay, TTML (DFXP / SMPTE 2052), WebVTT, and Same as Source outputs embeds CEA-608/708 caption data into video files. In addition, the Subtitle Overlay function generates graphics for burn-in subtitles in SD, HD, UHD, 4K, and custom resolutions. Subtitle Overlay output parameters include font style selector, text color, background color/opacity, text outline color/thickness. Also shows safe title margins. Timed Text Flip workflows require a transcoder to burn-in the subtitle graphics into a deliverable media file.

Workflow Products

The workflow licenses enable various features specific to automating media workflows:

- **Vantage Analysis**—Includes analysis for curtains, letterboxing, Telecine, black detection, slate/spot detection, macroblocking, loudness measurement with dialog detection and gating controls for compliance with CALM Act, ATSC A/85, BS-1770-3 and EBU R128, and more. Includes PSNR measurement for comparing two files. This is a software only, single server license.
- **Vantage Analysis Pro**—Includes all capabilities of Vantage Analysis, with additional capabilities for Dolby E audio detection and analysis, compliance checking, PDF reporting, and integration with MedialInfo for extended media properties. This is a software only, single server license.
- **Upgrade from Analysis to Analysis Pro**—Upgrades from Vantage Analysis to Vantage Analysis Pro. This is a single license upgrade.
- **Vantage Open Workflows**—The Open Workflows license enables workflows and actions to operate in open mode, which allows open-eligible actions to operate concurrently rather than serially. This feature greatly improves workflow processing speed and efficiency. The license must be installed before the feature can be enabled. Open Workflows are licensed on a per server basis. For example, if you have a 5 node array and 3 license seats of Open Workflows, then 3 out of the 5 servers will be Open-capable. If a user would like to release an Open Workflows license seat from a server in order to make it available to a different server, the user may put all the services on a machine that has an Open Workflows license seat in and out of maintenance mode. This will cause the license seat to be acquired by a different server that previously did not have an Open Workflows license seat. Lightspeed Live Servers include Open Workflows at no extra charge. However, Lightspeed Live servers are limited to a small subset of the Vantage services.
- **Vantage Workflow Portal**—The Vantage Workflow Portal allows operators to browse assets in the Vantage catalog, construct EDLs, enter metadata, and submit jobs to Vantage workflows. Each Vantage Workflow Portal license allows one instance of client access from any client machine; the total number of licenses in the Vantage database determines how many clients can connect simultaneously. This is a one client access floating license. Note: This product requires either a Metadata, Transcode Connect, or Transcode Pro Connect license.
- **Vantage Metadata Conversion**—Enables ability to transform XML files, create or populate metadata labels, and perform Web Services notification. Includes: Web Services notification, Populate, Transform, Gather and Archive actions. This is a software only, per server license.
- **Vantage TrafficManager™ for Broadcast**—Controls and automates the ingest, management and production of commercials and content. Includes the following:
 - Catch server integrations with Pitchblue, Pathfire, DG, Javelin, Extreme Reach, Hula MX and more
 - Syndication support for content from PitchBlue and Pathfire - includes syndicated template creation and management system and automated long-form content handling.
 - Customizable web page for local and regional submissions via web upload
 - Automated dub list processing to trigger commercial processing

- Vantage Analysis for smart transcoding and ITU 1770.3 loudness correction
- Vantage Workflow Portal for Windows client and web-based commercial and syndicated content inventory management (5 users included)
- Vantage Transcode Pro Connect for transcoding and delivery to broadcast, edit, and web formats.
- This is a software only, single server license. Requires 5 days on-site installation, purchased separately. N+1 Redundancy may be added with Vantage Array. Additional user accounts may be added with Vantage Workflow Portal. Fully compatible and extendable with all Vantage transcoding, workflow, partner integrations and system management products. GPU acceleration is available for this product when running on a Lightspeed Server.
- Vantage TrafficManager™ for Cable/IPTV—Controls and automates the ingest, management and production of commercials and content. Includes the following:
 - National catch server integrations with Pitchblue, Pathfire, DG, Javelin, Extreme Reach, Hula MX and more
 - Customizable web page for local and regional submissions via web upload
 - Automated dub list processing to trigger commercial processing
 - Syndication module for template-controlled ingest and processing of long-form content
 - Vantage Analysis for smart transcoding and ITU 1770.3 loudness correction
 - Vantage Workflow Portal for Windows client and web-based commercial and syndicated content inventory management (5 users included)
 - Vantage Transcode IPTV VOD for transcoding delivery to IPTV and cable ad insertion
 - Vantage Transcode Connect for transcoding to web, edit and mobile formats, and XML transformations
- This is a software only, single server license. Requires 5 to 7 days on-site commissioning, purchased separately. N+1 Redundancy may be added with Vantage Array. Additional user accounts may be added with Vantage Workflow Portal. Fully compatible and extendable with all Vantage transcoding, workflow, partner integrations and system management products. GPU Acceleration is available for this product when running on a Lightspeed server or a server utilizing Lightspeed technology.
- Post Producer™ —Allows automated editing and assembly of finished content from one or more input media files. Includes media trimming, stitching, overlays, audio mixing and metadata insertion for a wide variety of formats (please see Post Producer data sheet for a full list of supported formats and features). Includes Conform action support for CML message submission and Compose action support for TSEDL and AN2 inputs. Includes Vantage Workflow Designer, and FTP/network folder workflow support. May be combined with any Transcode product, sold separately. GPU acceleration is available for this product when running on a Lightspeed Server. This is a software only, single server license.
- Post Producer™ Titler Engine, powered by NewBlueFX®, is an optional, licensed feature designed to automate versioned titling of video assets.

Workflow Third Party Connectors

Connectors allow Vantage to submit and monitor jobs to third party systems. Except where noted, a Connector license allows four (4) concurrent jobs on the partner system. Additional Connector licenses may be purchased to allow additional jobs.

- Vantage Agility ECS Connector—Allows a Vantage server or array to submit jobs to an Agility ECS. License allows connection to one ECS.
- Vantage Aspera faspex™ Delivery Connector—Provides automated delivery of media and associated files directly to Aspera faspex™ Servers. Aspera fasp™ transport technology can achieve delivery speeds many times faster than standard FTP and HTTP to an address list or an Aspera drop box. Does not include Aspera Faspex server. This is a software-only license that allows up to four concurrent file transfers.
- Vantage Aspera Enterprise Server Integration—Enables Vantage to interactively browse, upload, and download media content with any Aspera server endpoint, whether that is a fully featured Enterprise Server system or a Point-to-Point node. Allows for automated high-speed transfer of files processed into and out of any Vantage workflow. Does not include Aspera Enterprise Server software.
- Avid Interplay Option—See Avid Interplay Option in Transcoding Product Options.
- Vantage Minnetonka AudioTools Connector—The Vantage AudioTools Connector integrates within Vantage's file-based framework using AudioTools Server to support fundamental loudness control workflows and custom, predefined workflows for broadcasters. AudioTools Server (ATS) is a highly configurable and modular system and the Connector allows Vantage to drive audio processing workflows and jobs directly from the Vantage workflow designer.
- Vantage Digimetrics Aurora Connector—Allows integration of Digimetrics Aurora software with Vantage. This connector allows up to four (4) concurrent QC sessions to be triggered by, and monitored within Vantage. Does not include Digimetrics Aurora. Note: Aurora should not be run on the same machine as a Vantage Transcode or Analysis product. The Vantage Aurora Connector service must be installed on the Aurora machine.
- Vantage Baton Connector—Allows integration of Interra Baton software with Vantage. This connector allows up to four (4) concurrent QC sessions to be triggered and monitored by Vantage. Note: Baton cannot be run on the same machine as a Vantage Transcode or Analysis product. The Vantage Baton Connector service must be installed on the Baton machine. Does not include Baton software.
- Vantage Cerify Connector: Allows integration of Tektronix Cerify QC software with Vantage. This connector allows up to four (4) concurrent QC sessions to be triggered and monitored by Vantage. The Cerify software cannot be run on the same machine as a Vantage Transcode or Analysis product. The Vantage Cerify Connector service must be installed on the server running Cerify. This option does not include the Cerify software.
- Vantage Connector for NexGuard Watermarking—Enables Nexguard Pre-release Watermark Embedder capability within Transcode or Transcode Pro, allowing four (4) concurrent sessions. This license does not include the NexGuard license which must be purchased directly from Nexguard. Requires Vantage Transcode or Transcode Pro.
- Vantage Connector for NexGuard Manager Server—Enables Vantage connection to NexGuard Manager Server, allowing updates of Nexguard database as watermarking is performed. Only one license is required per Array. Requires NexGuard Manager Server, available from Nexguard directly.
- Vantage Dolby DP600 Connector—Allows integration between Vantage and a Dolby DP600. One connector allows up to four (4) concurrent work sessions (jobs) on the DP600. Note: Does not include Dolby DP600.

- Vantage Emotion Connector—Allows integration of Emotion Systems software with Vantage. This connector allows up to four (4) concurrent Emotion sessions to be triggered and monitored by Vantage. Note: The Emotion Systems software cannot be run on the same machine as a Vantage Transcode or Analysis product. The Vantage Emotion Systems Connector service must be installed on the server running Emotion.
- Vantage FileCatalyst Integration—Allows integration of FileCatalyst for delivering files to FileCatalyst servers. This connector allows up to four (4) concurrent file transfers to be performed by Vantage. Does not include FileCatalyst server.
- Kantar Watermarking Option—Allows insertion of Kantar watermarks in IPTV VOD actions for audience measurement via compatible systems (such as Mediametrie).
- Screen Open Subtitle Graphics Generation—Open subtitling solution where the subtitle text is permanently burnt-in and visible in the video portion of the media. Only available within Transcode or Transcode Pro. Note: This option requires Vantage Transcode or Transcode Pro to burn in the subtitles.
- Pitchblue Monitor for Vantage—The Pitchblue Monitor for Vantage Transcode Pro and Transcode Pro Connect receives content from Pitchblue media delivery service and transcodes to a specified broadcast server, and processes available XML sidecar metadata into Vantage.
 - Requires Vantage Transcode Pro Connect
 - Automates ingest of content from Pitchblue media delivery system
 - Some associated metadata can be processed through Vantage
 - Files and metadata are delivered directly to on-air servers
- Vantage Pulsar Connector—Allows integration of Venera Pulsar software with Vantage. This connector allows up to four (4) concurrent QC sessions to be triggered and monitored by Vantage. Note: Pulsar cannot be run on the same machine as a Vantage Transcode or Analysis product. The Vantage Pulsar Connector service must be installed on the Pulsar machine. Does not include Pulsar software.
- Nexidia QC Integration—A Vantage Nexidia connector and action provide access to Nexidia QC functionality within Vantage workflows. Nexidia QC provides automated closed caption and video description verification, closed caption alignment, and language identification for broadcast and IP workflows.
- Vantage Screen MediaMate Connector—Allows Vantage to connect to external MediaMate systems. Allows up to four (4) concurrent jobs to be performed in MediaMate, managed by Vantage. Note: This option does not include Screen MediaMate. Use of this Connector requires the purchase and installation of custom MediaMate models, and a dongle from Screen. These models are purchased from and installed by Screen.
- Vantage Signiant Integration—Allows integration of Signiant for delivering files to Signiant Content Transfer Engine and Media Exchange server locations. This connector allows up to four (4) concurrent file transfers to be performed by Vantage. Note: This option does not include Signiant Content Transfer Engine or Media Exchange server software.
- Vantage Social Media Connector—Enables Vantage workflow to perform automated content packaging for distribution to social media sites. Automates formatting and upload for social media distribution to the Vantage Deploy action. One license includes all supported end points and 4 concurrent uploads. Also requires Vantage Workflow Portal,

Vantage Metadata, Vantage Transcode, Vantage Multiscreen, and Vantage IPTV or Transcode encoder to produce video for distribution.

- Vantage Social Media Pro Packaging—Extends packaging capability with enhanced branding and captioning features. Includes Post Producer, Timed Text Flip, VOD/Social Media portal. Prerequisite: Vantage Social or Social Media Connector.
- Vantage VidChecker Connector—Allows integration of Vidchecker software with Vantage. Note: Vidchecker cannot be run on the same machine as a Vantage Transcode or Analysis product. The Vantage Vidchecker Connector service must be installed on the Vidchecker machine. This connector allows up to four (4) concurrent QC sessions to be triggered and monitored by Vantage. Does not include VidChecker software.

Vantage System Management Products

The Vantage System Management license allows you to install Vantage services on multiple Windows or Telestream Lightspeed servers, increasing the capacity and reliability of your Vantage domain. Vantage array features include the following:

- Redundancy—Multiple Vantage array servers can host the same service, increasing the processing capacity of the Vantage domain.
- Session-based load balancing—When a Vantage service is enabled on multiple Vantage array servers, individual workflow actions can be executed by any Vantage array server that is configured for the supporting service. Action execution is scheduled based on CPU availability and priority.
- Priority acceleration for transcoding actions—Vantage servers, both single node and arrays, can pause lower priority actions hosted on the same service, execute the higher priority action, and then resume the lower priority action.
- N+1 failover protection—Vantage array servers communicate with each other and can redistribute the workload if a Vantage array server fails. If a job fails to complete due to a Vantage array server failure, another Vantage array server restarts the job.
- Support for mirrored SQL Standard and SQL Enterprise with Clustering databases—provides redundancy and failover protection for the Vantage domain database.

If the current domain is an all-in-one domain, the activation of a Vantage Array license changes the Vantage server to a Vantage array server. You can then create a distributed domain by adding Vantage array servers. In a Vantage array, every Vantage server is a Vantage array server and requires the Vantage Array license.

Additional System Management options to the Vantage Array license are:

- Advanced Task Scheduling—Adds advanced task scheduling to Vantage, including the new Task Based load balancing and the legacy Cost Based load balancing. Increases overall system throughput by optimizing server usage for all Actions across all services in a Vantage array while Cost Based load balancing provides optimization of Actions only across like services. Task Based load balancing is the new recommended load balancing methodology. Array is sold separately.

- Vantage Reporting and Analytics—Enables CSV reporting and workflow analytics in Vantage. Includes Populate and Web Services Notify. This is a software only, per array license (entire array).
- Vantage System Dashboard—Web dashboard enables remote visibility into overall system health and status for administrators, and allows remote maintenance of the Vantage Array. This is a software only license with options for per node or unlimited server licensing.
- Vantage Elastic Domain—Vantage Elastic Domain allows on-demand daily rentals of supplemental Vantage licenses as required for bursting. When combined with virtualized and/or cloud deployment models, Elastic Domain provides a rapidly scalable Vantage Domain that can be expanded temporarily during periods of peak demand. Burst license usage can be monitored via interactive console hosted by Telestream. Annual subscription enables program access. Daily burst license rentals are not included. Requires automated reporting of Vantage domain size to Telestream billing servers.
- Vantage Elastic Domain Burst—Daily rental of a domain-specific license set for use on supplemental Vantage instances. License set may only include licenses present elsewhere in the Vantage domain as standard perpetual licenses. Requires active V-ELASTIC annual subscription. Supplemental licenses are acquired on-demand when additional burst instances are deployed and can be monitored via interactive billing console. Minimum rental period is one day.

Vantage Post Producer

Vantage Post Producer™ allows automated editing and assembly of finished content from one or more input media files. Includes media trimming, stitching, overlays, audio mixing and metadata insertion for a wide variety of formats (please see Post Producer data sheet for a full list of supported formats and features). Includes Conform action support for CML message submission and Compose action support for TSEDL and AN2 inputs. Includes Vantage Workflow Designer, and FTP/network folder workflow support. May be combined with any Transcode product, sold separately. GPU Acceleration is available for this product when running on a Lightspeed Server.

Titler Engine Option for Post Producer

The Titler Engine option for Vantage Post Producer is a software installer intended for installation on one or more nodes of Vantage Post Producer. This option provides a means for creating rich, animated titles using the NewBlue Titler Creator tool (not included) to create templates that can be processed by Post Producer to create automated variations using a workorder and a Post Producer template.

The Titler Engine requires Post Producer and runs on Windows Server 2012 on Lightspeed servers. This option is sold per-node, it can run on one or more nodes of Post Producer.

VOD Producer

Automates the creation of VOD assets to simplify and scale the process of VOD asset creation. Assembles complex VOD compositions from video, audio, graphic and metadata elements. Accessible through a graphical user interface and automation interface. License Includes:

- VOD/DAI Operator Portal Network license which enables all portals in a Vantage Domain (V-VOD-PORTALSW)
- 1 Operator portal seat license (V-PORTAL)
- 1 Post Producer Content Assembly Automation license (V-PRODUCER-SW)
- 1 IPTV/VOD Transport Stream Encoder license (V-XCODE-IPTV-SW)
- 1 Transcode license (V-XCODE-SW)
- 1 Metadata license (V-METADATA-SW)
- Vantage Workflow Designer
- Vantage Management Console

GPU Acceleration is available for this product when running on a Lightspeed Server. Does not include first year's Software Annual Maintenance and Support which must be ordered at time of purchase.

VOD Producer Dynamic Ad Insertion (DAI)

DAI is a single server license software option to Vantage Post Producer. Provisions VOD content for Dynamic Ad Insertion and measurement during the creation process. User defined DAI ad breaks are inserted during the VOD assembly process. VOD Producer DAI creates multilayer video compositions with DAI ad breaks and Nielsen D4 audio watermarking and produces the metadata documents for DAI ecosystem partners, Canoe Ventures and Nielsen. Accessible through a graphical user interface and automation interface.

License Includes:

- VOD/DAI Operator Portal Network license which enables all portals in a Vantage Domain (V-VOD-PORTALSW)
- 1 Operator portal seat license (V-PORTAL)
- 1 Post Producer DAI Content Assembly Automation license (V-PRODUCER-DAI-SW)
- 1 IPTV/VOD Transport Stream Encoder license (V-XCODE-IPTV-SW)
- 1 Transcode license (V-XCODE-SW)
- 1 Metadata license (V-METADATA-SW)
- 1 Nielsen Watermarking license (V-NIELS)
- Vantage Workflow Designer
- Vantage Management Console
- GPU Acceleration is available for this product when running on a Lightspeed Server.

Does not include first year's Software Annual Maintenance and Support which must be ordered at time of purchase.

VOD Portal

The VOD Portal is a paid option that allows creating VOD media assets supporting VOD metadata such as rating and V-Chip, stitching and trimming of clips, and DAI.

Tempo Content Re-Timing Software

Tempo is a solution for re-timing file-based content and intelligently decreasing or increasing the running time of shows and segments. Tempo utilizes sophisticated video and audio time

compression algorithms that deliver superior quality and faster turn-around times. Tempo runs on the Vantage media processing platform and offers all of the benefits of complete integration with the world's best workflow management and transcoding system.

Tempo Software is an option for Vantage and includes:

- Tempo Content Re-timing software
- One (1) Workflow Portal seat (V-PORTAL-SW)
- Metadata option for Vantage (V-METADATA-SW)

The Tempo product requires Vantage Transcode or Transcode Pro in addition to Vantage Analysis or Analysis Pro. Also requires 2 days on-site installation, purchased separately. N+1 Redundancy may be added with Vantage Array license and compatible hardware. Fully compatible and extensible with all Vantage transcoding, workflow, partner integrations and system management products. Does not include first year's Software Annual Maintenance and Support which must be ordered at time of purchase.

Lightspeed Servers

The Lightspeed servers are Windows machines designed to run Vantage at optimum speeds. Vantage comes pre-installed on the Lightspeed server and ready to run (software sold separately.) These servers accelerate video processing for all Vantage Transcode products (Transcode, Pro, and Pro Connect), Post Producer and TrafficManager. Vantage v4.0 or later is required. Multiple Lightspeed models offering different computing and GPU power are available. For details about model features and differences, please see the Telestream.net web site and the Lightspeed Server Guide.

Vantage automatically adds a Lightspeed system variable to any Lightspeed-aware services running on a Lightspeed server. Actions can use the variable to implement Run On rules or to report or record job information.

Lightspeed Options and Bundles

Lightspeed fallback rules are included in all models of Vantage. Various Lightspeed options are available, including Ethernet adapters, Fibre Channel HBA options, and SSD drive upgrades. Lightspeed bundles are available to combine Lightspeed servers with Transcode Multiscreen, Transcode IPTV VOD, Transcode Connect, and Transcode Pro Connect Vantage software combinations. Contact Telestream Sales for more information.

Lightspeed Live Capture

Lightspeed Live Capture uses a Lightspeed Live server with capture card and software to capture and encode live media to files. Live Capture supports capturing from up to eight (8) SD/3G-HD SDI inputs, up to two (2) DCI 4K/UHD input or with multiple Transport/RTMP IP input, it contains 4 ports of 10Gb Ethernet in a GPU accelerated capture platform for ingesting a broad range of video formats, creating mezzanine and AVC MP4 or MXF RDD 25 proxy files simultaneously, and storing them locally or on external networked storage. Operates as a standalone device, as a multiple server Live Capture farm or as part of a Vantage domain.

Platform Specifications: 1RU rack mount chassis includes dual Intel multi-core processors, 4x 3Gb/s SDI inputs, 4x 10GigE ports, GPU acceleration, over 4TB internal storage, RAID 5 protected, for a total of over 3TB of usable storage. Option to add more than 3TB of additional storage. Hot swappable dual power supplies.