

## Vantage 7.1 Release Notes

### About This Release

This release is a major dot-version release for Vantage that includes new features, improvements and bug fixes. The release build is: #7.1.172.234190

This release includes both new features as well as bug fixes and improvements; in addition, it includes a roll-up of all features and fixes introduced in Vantage 7.0 Update Packs UP1, UP2, and UP3. Refer to the release notes for those update packs for complete information on included features.

This release is available for customers with current maintenance as of **October 1, 2017**. If your maintenance expired before that date, please do not install this release as it will cause some portions of Vantage to cease functioning.

Note: This release includes updates to Vantage Transcode, Transcode Pro, Analysis, Analysis Pro, Post Producer, Timed Text Flip, Transcode Multiscreen and Transcode IPTV VOD. Each of these products may have separate release notes with more details.

### Major New Features in this Release

#### *New Lightspeed Live Capture Features*

**This release includes the following new features for Lightspeed Live Capture:**

- Added support for Avid Interplay Advanced Encoder and Notify Service MOB ID generator for direct Interplay check-in workflows. Requires optional purchase and license. Option part code - **LS-LIVE-AVID-OPT**
- Added support for Complete Tape capture regardless of broken control tracks, missing time code, video hits, and other errors
- Updated and improved the way Timecode override is used. Now allows the user to turn time code override on or off, and set Drop/Non-Drop Frame characteristics directly from the Tape UI
- Added an RS422 frame delay adjustment parameter to the Live Capturer Web API's START command. This parameter can be used to adjust RS422 frame timing when capturing from a VTR
- Updated the RunOn rules to now force downstream actions to run local to the capture server when local drive letter output locations are used

Note that additional Lightspeed Live Capture features may be released as part of a ComponentPac separately from Vantage 7.1.

**Important Note Regarding known Adobe Premiere Pro CC issues**

- Adobe Premiere Pro CC for Mac OSX has known issues with importing growing MXF OP1a files and with QuickTime Open files containing DNxHD. Fatal import errors can occur. Therefore, these types of media files should not be used until the issues are addressed by Adobe.
- Adobe Premiere Pro CC for Windows can fail to decode and display Closed Captions contained in an MXF OP1a 436M track. If this behavior is encountered deleting the Media Cache for the edit project may fix this issue.
  - The default location of the Media Cache is:  
 C:\Users\
 (most Windows systems) There should be a .prmdc file associated with the project –  
 Close the project, delete .prmdc file, relaunch project and re-import MXF.

**Vantage Elastic Domain**

**Vantage Elastic Domain is a new set of deployment features and a flexible licensing model that allows Vantage Domains to rapidly scale node count. The scaling power of Elastic Domain is intended to leverage the deployment flexibility of virtualized deployments, IaaS (Infrastructure as a Service) deployments such as AWS EC2, and hybrid models.**

Elastic Domain Deployment Features:

- **Transient Services** (GIR-14224, GIR-14642) - Service configuration options that configure Vantage services to automatically join a Vantage Domain in a "Transient" manner, wherein it is expected that the services may only be joined to the Domain for the duration of a virtual machine run time. This allows a Vantage domain to be expanded by simply deploying instances of a "worker" virtual machine in the customer's infrastructure system of choice.
- **Service Configuration Tool** (GIR-14839) - A standalone tool for configuring service transient settings and database connection. This tool can be used to create virtual machines to be used as templates for deploying additional nodes to a Vantage domain.
- **Pre-Shutdown Notification** (GIR-14916) - An option available in the VMC and via the REST API that allows all services on a machine to be placed into a state where they offload their queue to other services in the domain, stop accepting new tasks, finish processing current active tasks, and then shutdown. This allows a transient member of a domain to be shut down and removed without losing the progress of in-process active tasks.
- **"What If" Completion Time API Call** (GIR-15237) - A new call added to the metric service REST API that allows an external system to request the estimated completion time for all active and waiting jobs in the domain. The call also allows for an estimated completion time if additional nodes were added to the domain with similar performance of a specified node. External systems can use this call to determine if a Vantage domain should be scaled.

Elastic Domain Billing Features:

- **Elastic Domain Billing Reporting** (GIR-14714) - Adds support for a new "Burstable" Vantage license type. When this type of license is created, it is specified that selected SKUs within the license are burstable. This license requires that a billing account (hosted by **Telestream Cloud**)

is configured in the VMC and that a Vantage Metric service can reach Telestream Cloud and report running Vantage periodically. When these conditions are met, the license will enter "Elastic Domain" mode and allow an unlimited machine count for the SKUs marked as burstable within the license.

The billing service hosted in Telestream Cloud will track the charges due by the customer for exceeding their perpetual license limit. These charges are assessed per node, per day, based on a daily rental rate for all burstable SKUs within the license that excess nodes can access.

### *Flip64*

**This release contains the first public release of Flip64, our new 64-bit transcoding action. This will be a major stepping stone for providing transcoding support of 4K and larger content in Vantage. Modeled after our existing Media Framework actions (IPTV & Multiscreen), Flip64 will support the concept of stream names within the action configuration which provides greater versatility when configuring output tracks and channels, where they are sourced from, and whether converters need to be applied to them.**

### *New Camera Ingest Formats*

**Support for R3D cameras has been added to Camera Ingest, and decoding support has been added to Flip64 for processing of the content.**

### *New Social Media Features*

**This release includes the following new features for Vantage Social Media Connector:**

- Addition of Facebook Draft Publishing for deploying videos to Facebook in an unpublished or draft state
- Addition of YouTube Scheduled and Draft Publishing for deploying videos to YouTube in an unpublished or draft state
- The Twitter API interface had now been updated to include the Twitter Pro Video API features

Note that additional Social Media features may be released as part of an update separately from Vantage 7.1.

### *New Tempo Features*

**This release includes the following new features for Tempo:**

- Support for automated short-duration content retiming, such as 30 and 60 second spots, allowing commercial inventory to be retimed en masse, with extraneous elements, such as blacks/color bars either eliminated or replaced with exact black frames as required for a specific application.
- New Analysis Syndicator for detecting slates and color bars prior to retiming
- Two-Pass retiming timeline enhancements
- Ability to merge segments in the Tempo Portal

Note: Please contact Telestream Support prior to upgrading Tempo nodes to this version of Vantage.

### *New TrafficManager Features*

**This release includes the following new TrafficManager features:**

- We are planning for the official release of Pathfire syndication support, which is currently in beta testing. On the heels of our previously released support for PitchBlue syndicated shows, we are adding support for Pathfire syndicated content. This feature will be available to all current TrafficManager customers who are up-to-date with their maintenance and support contracts. Note that it will be necessary for customers to upgrade their TrafficManager systems to at least version 7.0 (version 7.1 is recommended) to obtain this feature. Contact Telestream Sales ([sales@telestream.net](mailto:sales@telestream.net)) for more information.

Note that additional Traffic Manager features may be released as part of an update separately from Vantage 7.1.

### *New Vantage Framework Features*

**This release includes the following key Vantage features:**

- Avid Service Technology Preview which includes the Interplay Monitor and MXF/AAF Media creation with Interplay Check-in actions - please contact product management if you would like to make this available to a specific customer.
- New Actions:
  - Multiscreen now includes a DRM action
  - Split and Stitch actions released as a technology preview
    - Please contact product management if you would like to make this available to a particular customer
  - Extract action in the Metadata service allows streamlined parsing of XML and JSON data
  - Delay action eliminates the need to use workaround for delaying workflows for fixed time periods
- Support for watermarked trail licenses
- Support for Virtual Lightspeed license which allows licensable GPU acceleration for Vantage deployments in virtualized or cloud environments
- Password parameters in certain actions are now be bindable
- Utilization chart in the VMC that uses active session count, queue depth history and waiting times to produce a representation of historical system demand
- “Generic S3” file system option that allows Vantage to connect to endpoints that emulate the S3 API but are not hosted by Amazon
- The SDK will now provide an indication that the Domain is online and accessible to the SDK
- Synchronization action will now be able to propagate open execution chains
- The Catalog Name color will now change in the workflow portals when new binders are added
- Automatic determination of media duration as a built-in field for job reports, greatly simplifying the process of creating job reports with duration fields
- Vantage 7.1 includes a new Delay action (found in the Common Group in the Vantage Workflow Designer), which eliminates the need to use workaround for delaying workflows for fixed time periods

- Support for Vantage databases to be hosted by the RDS managed database service within AWS
- Vantage 7.1 supports Minnetonka AudioTools 4 and is not backwards compatible with AudioTools 3. Vantage 7.1 was tested with AudioTools 4.0.138.

### Installation Documentation and Support

Full installation instructions and online documentation can be found at:

<http://www.telestream.net/vantage/help>

Telestream Support can be reached at:

<http://www.telestream.net/telestream-support/vantage/support.htm>

### SDK Documentation and Samples

You can download the Vantage SDK documentation and samples from the Telestream SDK download page at:

<https://dynamic.telestream.net/downloads/login.asp>

Login required for above link, then go to Support→Enterprise Systems→Vantage Support→Link for Vantage SDK is on the right side of page

Vantage Version 7.1 adds additional functionality to the REST/JSON API introduced in Vantage 7.0. The REST API is now the preferred API for interacting with Vantage. Built-in help documentation for the Vantage REST API can be found by browsing to: <http://host:8676/rest/help> where host is the hostname or IP address of a Vantage node running the SDK service.

All versions of Vantage allow SDK development, including non-licensed Demo Mode installations. However, only those features which are licensed will be available when you execute your workflows via the SDK. If you require a time-limited trial license for development purposes please contact [sales@telestream.net](mailto:sales@telestream.net).

SDK developer support is included as part of your support contract if you have purchased an Enterprise support contract. Otherwise, it is available for purchase; please contact [sales@telestream.net](mailto:sales@telestream.net) for more information.

Note that SQL Mirroring configuring requires purchase of Telestream Professional Services.

Note: Regarding the SOAP API - Due to changes in the Vantage software, it is recommended that SDK clients employing a SOAP/WSDL interface regenerate their client service library. This is particularly important for Java based SOAP clients due to nuances within various Java client runtimes that may generate incompatibility errors if the service library is not regenerated. (I.E.: previous clients may be incompatible with the Vantage 7.1 SDK/API unless they are regenerated and rebuilt).

## Supported Components

Vantage 7.1 supports the following component versions:

- Server Operating Systems
  - Most Vantage 7.1 services may be run on following operating systems:
    - Windows Server 2008 R2 (Note: Support of Vantage for Server 2008 ends on January 1, 2018)
    - Windows Server 2012 R2
    - Windows Server 2016
- SQL Database
  - Microsoft SQL Express 2014 is included in this release for standalone Vantage systems
  - The following SQL versions are supported for external database configurations:
    - Microsoft SQL 2008
    - Microsoft 2012
    - Microsoft 2014
    - Microsoft 2016
  - Note: Telestream Professional Services may be required for SQL Enterprise deployments
- .NET Framework
  - Vantage now requires .NET 4.6.2.
- IIS Web Server
  - IIS 7.5 when run on Windows Server 2008 R2
  - IIS 8.5 when run on Windows Server 2012 R2
  - IIS 10.0 when run on Windows Server 2016
- Web Browser
  - Vantage Web Applications are supported on Internet Explorer 11, Safari 7, and the latest version of Google Chrome
  - Lightspeed Live Capture web application only supports Google Chrome
- NVIDIA Drivers
  - Lightspeed servers now use NVIDIA Tesla driver version 376.33
- The **Aspera, Aurora, Baton, Nexidia and Vidcheck services** were tested on Windows Server 2008 R2, 2012 R2, and Server 2016. **Signiant, FileCatalyst** and **Pulsar** were tested on Server 2008 R2.
- Note that starting with this release of Vantage (version 7.1), **Telestream will no longer distribute the agent for the Vantage Baton Service.** Customers can still purchase the Vantage/Baton connector from Telestream (i.e. the Vantage Baton Service), but they need to obtain the agent software from Interra. The agent operates between the Vantage Baton Service and Interra's Baton product. **Customers with existing Baton integrations must work with Interra at the time of the upgrade to acquire the new agent.**
- All Vantage **Avid** Integrations were tested on Server 2012 R2 and Server 2016.
- **QuickTime:** Note that considering the recent QuickTime vulnerabilities, it is recommended that action be taken to reduce the risk of a security compromise by following the steps outlined in the service bulletin available for view and download at <http://www.telestream.net/quicktime>
- **MediaInfo:** Version 0.7.98.0 is included with Analysis Pro.

- **Screen Subtitling** in the Flip Action: Screen Subtitling is supported on Windows 2008 R2.  
Note: This only applies to the Flip action, not the Vantage MediaMate service.  
Note that Screen software is no longer present in Vantage 7.0 or 7.1. Users should contact Screen to obtain the current version of the Screen software (and the agent) in order to ensure that a disruption of capability is not encountered. **Because of this, Vantage customers who use the MediaMate action should hold off on upgrading to 7.0 or 7.1 until an updated agent from Screen is provided.**
- **Storage:** Vantage has been qualified on numerous enterprise storage systems, consult your Telestream representative for additional details.
- **Avid:** This release supports integration with Avid Interplay 3.8, Avid ISIS client 4.7.11, and Avid Nexis Client 7.9, as well as Media Composer 8.9.2 using the Interplay Advanced encoder.
- **Aurora (Digimetrics) (Tektronix Aurora):** This release supports integration with Aurora (Digimetrics) 6.0.411.8.
- **Aspera:** This release supports integration with Aspera Faspex Delivery 3.9.1 and 3.9.3 and Aspera Enterprise Server 3.7.4.
- **Baton:** Please contact Interra Systems for information on Baton versions supported in Vantage.
- **Vidcheck:** This release supports integration with Vidchecker 7.1.
- **Signiant:** This release supports Signiant Server 10.1.
- **FileCatalyst:** This release supports FileCatalyst Server 3.2; it requires JRE 6.0 or later to be installed on the Vantage machines and on the FileCatalyst server.
- **Venera Pulsar:** This release supports Venera Pulsar 4.0.0.106.
- **Nexidia QC:** This release supports Nexidia QC 2.5. Note - older versions are not supported.
- **Minnetonka:** Vantage 7.1 supports AudioTools 4.
- **NexGuard Note – GIR-15382** - When using the new NexGuard integration with a Vantage array, the combined session limit of the Transcode and Edit services applying the watermark should be less than the number of authorized sessions of the Vantage NexGuard license.

For example, if the number of authorized sessions of NexGuard Watermarking of the Vantage license is 8 and the NexGuard Watermarking filter is being used by both the GP Flip and Conform actions of a 2 node Vantage array, the session limit of the Transcode service would each be set to 2, and the session limit of the Edit service would each be set to 1.

## Upgrading from Previous Versions

If you are using Vantage 6.3 or later, you may upgrade by running the 7.1 installer on each of the Vantage machines and it will upgrade the software for you. The Vantage Database Deployment Utility may be used to upgrade your previous database, or the installer (Vantage\_7.1.172.234190.exe). When ran, 'Vantage\_7.1.172.234190.exe' will self-extract the ComponentPacs and 'Vantage\_7.1.172.234190\_Setup.exe'. The setup exe gets automatically launched at the end of the self-extraction process. You can still use the setup exe to upgrade the database.

Note: SQL Mirroring should be disabled prior to upgrading a Vantage database. Please contact Telestream Support for assistance.



Note: When upgrading from Vantage 6.0 Update Pack 1 to Vantage 7.1, the 7.1 installer may not uninstall the 6.0 Update Pack 1 package. Should this happen, it will be necessary to manually uninstall the leftover updates or patches. A script that removes old updates and patches from Programs and Features can be obtained from Telestream customer support.

**Note – GIR-15326** – If you are upgrading from Vantage 7.0 to 7.1, we recommend that you uninstall Vantage 7.0 and Vantage 7.0 Update Packs, before installing Vantage 7.1.

To upgrade to Vantage 7.1 from a version earlier than 6.0, please see the "Upgrading Vantage Versions Prior to 6.0" topic in the Domain Management and Installation Guide:

<http://www.telestream.net/pdfs/user-guides/Vantage-UserGuides/VantageDomainManagement.pdf>

The way in which workflows/actions are upgraded with the Workflow Designer in Vantage 7.1 is identical to previous recent versions of Vantage. (For users who are already running Vantage 7.0, ComponentPac Management allows actions to be frozen at a particular component level. It also makes it easier to deploy component updates to Vantage domains.).

Note that upgrading from Vantage 6.2 UP1 directly to 7.1 may fail. If this occurs, try restarting the server running Vantage and retry the upgrade.

Note that if you have installed the Vantage Certify Service Update or the Vantage AudioTools Service Update, these updates must be uninstalled via Programs and Features before upgrading to Vantage 7.1. When the Vantage 7.1 setup is run on either the Certify or AudioTools server, use the array installation -> custom install option to enable only the Vantage Certify or AudioTools service for installation.

Note that when upgrading from Vantage version 6.3, with all updates and all patches having been installed, to Vantage version 7.1, it is possible that not all updates or patches will be uninstalled. Should this happen, it will be necessary to manually uninstall the leftover updates or patches.

Beginning with version 7.0, you can upgrade your workflows automatically either by right-clicking on the workflow canvas and selecting "Upgrade", or by selecting "Batch Workflow Operations" and choosing "Check for Upgrades". Alternatively you may upgrade individual actions by right-clicking on them and selecting "Upgrade".

Note: If your maintenance has expired and you upgrade your Vantage system, it will not function after the upgrade. Version 7.1 requires you to obtain a new license from Telestream if your maintenance expiration date is October 1, 2017 or earlier. Your maintenance expiration date can be found in the Licenses section of the Vantage Management Console, or you can contact [license@telestream.net](mailto:license@telestream.net) to verify that your maintenance is current and to obtain the new license.

Note: Tempo users should not upgrade to Vantage 7.1 until the Tempo 7.1 ComponentPac is released in the next several weeks. Please contact Telestream Support for more information.

**NOTE: Please test before upgrading your production environment**



It is always advisable to run a separate copy of this new build, staging your production workflow in a test environment, before updating your Vantage production servers. Telestream can provide you with a limited license to configure and qualify this new release in a test environment prior to upgrading your production server.

For details on how to replicate your Vantage workflows onto a test/qualification server please contact your authorized reseller or email Telestream support, [support@telestream.net](mailto:support@telestream.net). For information on Vantage support options available, and for other ways to contact support, please refer to the Telestream Vantage Support location on our website at <http://www.telestream.net/telestream-support/vantage/support.htm>

## Items of Note in this Release

### New Features or Product Changes of Note:

(note that some new features require purchase of optional products shown in bold)

**Note – GIR-14295** - Vantage now requires .NET 4.6.2.

**Note – GIR-15094 – TrafficManager Syndication Portal Users** – The Syndication Portal may crash when generating large segment lists. This can be avoided by disabling “Mark In Keyframes” in the Workflow Portal’s Options menu.

**Note – GIR-14429** – The Edit Service Session Limit has been altered. The default session limit is still 4, but the upper limit of the Edit Service has been increased to 6. The session limit of a Vantage service can be changed in the Vantage Management Console (VMC) -> Services. Please note that for Vantage systems that had a previous version of Vantage before upgrading to 7.1, the session limit of the Edit service cannot be changed in the VMC. In this case please contact Telestream Support for instructions on making this change.

GIR-11569 – **Camera Ingest** – The Camera Ingest Monitor now includes support for R3D files, up to 60 fps, at resolutions ranging from HD to 6K and 8K.

GIR-12107 – Amazon S3 monitor performance has been significantly improved.

GIR-12160 – **Camera Ingest** – The Camera Ingest Monitor now includes support for Canon C100 files.

GIR-12944 – **Vantage Workflow Portal** - The desktop version of the Workflow Portal can now require specific label parameters to be populated by the operator. The desktop Workflow Portal can also enforce a maximum length for specific label parameters.

GIR-13039 – When an action is built to use a ComponentPac that is not installed, the action tooltip will show the version number of the missing ComponentPac in red font.

GIR-13132 – **Camera Ingest** – The Camera Ingest Monitor now includes support for Canon AVCHD files.

GIR-13214 – The VMC now allows the Vantage administrator to specify a location to automatically backup workflows to when actions are upgraded.

GIR-13578 – **Camera Ingest** – The Camera Ingest Monitor now includes support for Canon C300 Mark II CAVLV 4:4:4 source files.

GIR-13595 – Vantage now supports the Intel OpenCL VPL library.

GIR-13606 – The User Name of a desktop-based or web-based Vantage Workflow Portal user can now be passed through a workflow when the user supports a binder to a workflow.

GIR-13725 – The SDK and Metric Services now support Re-Attach Logic to provide for re-connection of these services in the event of temporary network connection anomalies.

GIR-13751 – It is now possible for a specific Amazon S3 bucket to be accessed within an AWS account.

GIR-13872 – The Synchronize Action now supports Open Workflows execution chains.

GIR-13917 – **Workflow Portal Option** – The Vantage Workflow Portal (both web and desktop versions) now supports Hidden and Read-only label parameters.

GIR-13937 – **TrafficManager Product** – Logging has been added to the Catch and Dublist Actions.

GIR-14041 – **Baton Connector** – Baton test plans are now bindable to a variable.

GIR-14068 – The Vantage Management Console (VMC) now includes a “Utilization” feature.

GIR-14080 – Telestream has implemented Vantage Split and Stitch, Phase 1, as a Technology Preview. Customers wishing to test this feature should contact Telestream Sales for information on obtaining a preview license.

GIR-14084 – A new logging feature can now be enabled in the Watch action.

GIR-14088 – It is now possible to derive the file path and file name as variables from Vantage Workorders.

GIR-14102 – The Construct Action now includes the ability to insert a specific Time Zone inside the action.

GIR-14116 – It is now possible to open the Session Log by right-clicking on an Action for a workflow that was manually stopped.

GIR-14121 – **Metadata Option** – JSON parsing capability has now been added to the Vantage Metadata Service.

GIR-14122 – **Metadata Option** – XML parsing capability has now been added to the Vantage Metadata Service.

GIR-14207 – In the Vantage Workflow Designer, now clicking on the Detailed Action View, there is a selection that reads “Perform On” that, when selected, will show the “Perform On” state for each action.

GIR-14224 – **Elastic Domain** – As of Vantage version 7.1, Vantage nodes now have the notion of machines being either Permanent or Transient. See the What’s New section at the beginning of this document for more information.

GIR-14248 – **Camera Ingest** – Vantage Camera Ingest now supports Panasonic AJ PX270 files.

GIR-14249 – **Camera Ingest** – Vantage Camera Ingest now supports Canon XA10 files.

GIR-14292 – In the Vantage Management Console (VMC), for use-cases where a Vantage user account is created to be used by multiple users, the ability for a user to change their own password can now be restricted in the New User setup box.

GIR-14371 – **Baton Service Connector** - Starting with this release of Vantage (Version 7.1), Telestream will no longer distribute the agent for the Vantage Baton Service. Customers can still purchase the Vantage/Baton connector from Telestream (i.e. the Vantage Baton Service), but they need to obtain the agent software from Interra. The agent operates between the Vantage Baton Service and Interra's Baton product.

**What this means is that if you are using Baton and you upgrade to 7.1 – you must contact and work directly with Interra, or your Baton integration will no longer function.**

GIR-14375 – **Avid Option** – Vantage now includes a new Avid Service.

GIR-14377 – It is no longer possible to activate a workflow that contains an unconfigured Forward Action.

GIR-14392 – **TrafficManager Product** – Added the ability for the Registered Binder Name to be configured in the same manner as an Ad-ID, by adding an option to the Dublist Monitor to “Enforce Dublist Naming Rules.”

GIR-14396 – Auto-loading for Domain Workflow Analytics in the Vantage Management Console (VMC) has been disabled to prevent inadvertent report running when changing navigation panes in the VMC.

GIR-14416 – **Telestream Cloud** – S3 files can now be used with Copy/Move commands when working with Omneon QuickTime Reference files and media.dir references.

GIR-14465 – **TrafficManager Product** – A new Syndication Portal is now implemented into Vantage for use in processing long-form, syndicated media content from providers like PitchBlue and Pathfire, using a template manager for creating, editing and processing shows with national and barter spots and other content through Vantage TrafficManager. Note that some functionality in the Syndication portal may be released as a customer patch after Vantage 7.1 releases.

GIR-14621 – **Social Media Product** – Added Facebook Draft Publishing for deploying videos to Facebook in an unpublished or draft state.

GIR-14622 – **Social Media Product** – Added YouTube Scheduled and Draft Publishing for deploying videos to YouTube in an unpublished or draft state.

GIR-14664 – **Social Media Product** – The Twitter API interface had now been updated to include the Twitter Pro Video API features.

GIR-14710 – **VOD Producer** – Scaling of output video is now supported from the VOD Portal.

GIR-14755 – The performance of Job Status in the Vantage Workflow designer has been improved for when the column grouping feature is enabled.

GIR-14786 – **Camera Ingest** – Vantage Camera Ingest now supports 120 / 119.88 fps SONY camera files.

GIR-14813 – The performance of the Vantage Workflow Designer with large workflows has been improved.

GIR-14833 – Lines of an email in the Message action can now be re-ordered up or down with the use of arrow buttons.

GIR-14843 – User names when logging into the Vantage Workflow Designer or Web User Interface will no longer be required to adhere to case sensitivity. For example, user TSUser from an Active Domain (AD) group will be able to log in using “tsuser.”

GIR-14852 – Basic HTTP Authentication is now supported in the HTTP Notifier.

GIR-14854 – Vantage Workflow Designer (VWD) users can now access “Batch Workflow Operations” by right-clicking the contextual menu of workflow categories.

GIR-14877 – Vantage Session Log now includes the ability to Export Variables, which can show the full value of a variable, even if its length exceeds 64 characters.

GIR-14921 – **Vantage Workflow Portal** – The Catalog Inventory now automatically updates after a manual file submission from the workflow portal.

GIR-14946 – Password parameters in the Co-locate Actionare now bindable in Vantage workflows.

GIR-14974 – **Minnetonka Plugin** – Vantage 7.1 now includes the latest Audio Tools plugin (Version 4) from Minnetonka.

GIR-14992 – Vantage now includes a new Script Manager. Contact Telestream Support for more information.

GIR-14995 – **Vantage DPP Product** - The DDP Workflow Portal now allows up to 250 characters for synopsis field.

GIR-15004 – **Multiscreen Product** – There is a new DRM Action in Vantage Multiscreen. This new action is utilized with the Script Manager – contact Telestream Support for more information.

GIR-15046 – **Aspera Faspex** – The variables for user name and passwords on Faspex Delivery are now bindable.

GIR-15050 – A new Demo License schema has been implemented in Vantage. Demo licenses, available from Telestream Sales, will now produce watermarked outputs.

GIR-15065 – **Dashboard Status** - The Web Job Status view now includes the option for a 24-hour clock. To adjust the 24 hour clock in the Job Status Portal:

1. run cmd as administrator
  2. run: notepad
  3. open in notepad: C:\inetpub\wwwroot\web
  4. after "<configuration>" enter:
 

```
<appSettings>
<add key="Use24HourTime" value="true"/>
</appSettings>
```
  5. save changes
  6. refresh the web portal
- The changes will adjust the Web Job Status Views.

GIR-15074 – Vantage now includes a new “Technology Preview” mechanism for implementing features and functions for customers to test and provide feedback on. The actions for Technology Previews will feature yellow highlighted text, and when these actions are saved, a warning message about these being technology previews will be displayed. Future features will be offered to customers on request as technology previews, and these will require a special license obtained from Telestream Sales or Support.

GIR-15090 – **Web Workflow Portal** – The ability to right-click in the video player on the web version of the Vantage Workflow portal, and download the proxy has been restored.

GIR-15098 – Vantage now includes a new configurable Delay Action, which can be used to pause a workflow for up to 300 seconds. This action can be found in the Commons group in the Vantage Workflow Designer (VWD).

GIR-15105 – Label results are now displayed as clickable hyperlinks in the Vantage Web Workflow Portal.

GIR-15114 – The Amazon S3 file system plug-in now supports proxy servers.

GIR-15121 – The Vantage Script Manager in the Management Console now includes two new scripts:

- Playready Key – A Playready DRM script
- Widevine Key – A Widevine DRM script

GIR-15207 – **Vantage Workflow Portal** – The Workflow Portal now includes a “New Project” button adjacent to the Segment List tab.

GIR-15208 – **Vantage Workflow Portal** – The Delete Key in the Workflow Portal now also functions as a hot key to remove segments from the segments list.

GIR-15367 – **TrafficManager Product** – Added the ability, in the TrafficManager Syndication Portal, for the user to be able to toggle all segments as “Not Included” (Checked state).

## Bug Fixes in This Release

*The following are bug fixes included in Vantage 7.1.*

Resolved Lightspeed Live Capture Issues:

- Fixed - An issue where the folder output location element in a Web API XML response could contain an illegal character. (CAP-1375)
- Fixed - Several issues causing Capture and Tape UI instability when multiple workflows were active and displayed on remotely connected Capture/Tape portal clients. (CAP-1382, CAP-1477, CAP-1481, CAP-1494, CAP-1532, CAP-1555, GIR-13295)
- Fixed - An issue causing Capture Portal instability when an input format is switch while a workflow is active and displayed in the UI. (CAP-1529, GIR-13295)
- Fixed - An issue causing fatal import errors when editing growing XCDAM HD422 1080i50 files in Adobe Premiere Pro CC. (CAP-1526)
- Fixed - An issue causing RS422 Status response delays when sending Sony 9-pin commands to a VTR via the Lightspeed Live Capture's Web API. (CAP-1548, CAP-1525)
- Fixed - An issue where an Address Book location with overwrite option enabled did not overwrite the existing file. (CAP-1224)
- Fixed - An AVC-Intra 100 video artifact issue when capturing certain types of tape based media. (CAP-1320)

Resolved Vantage General Issues:

GIR-11022 – Fixed an issue that caused Vantage Workorder submissions to disappear if the media file was not found. Workorder submissions now show in the logging feature.

GIR-12966 – **Vidchecker Product** – Fixed an issue where the Vidchecker Action would not generate variables unless all variables were enabled.

GIR-12976 – **Array Users** – Fixed an issue where Service Reports: “Organized by Service Type” did not average utilization for nodes in a Vantage Array.

GIR-13120 – Fixed an issue where ComponentPac “Components” folder would not be removed during an uninstall of the ComponentPac.

GIR-13205 – Fixed an issue where leading and trailing spaces in variables created in the Vantage Management Console (VMC) were not being automatically removed.

GIR-13413 – Fixed an issue where the Associate Action would not correctly complete if the Monitor Service was restarted.

GIR-13417 – Fixed an issue where installing Vantage as a standard (non-administrator) user would fail, but the user would be given a false positive that that the install succeeded. You now get an appropriate message saying you need to be an Administrator to install the product.

GIR-13563 – **Vantage Workflow Portal** – Fixed an issue where the binder would need to be selected twice when the web portal page first loads, in order for the metadata label definition to be seen.

GIR-13653 – Fixed an issue where Man Pages were appearing with tiny, unreadable text when viewed on high-resolution displays.

GIR-13744 – Fixed an issue where certificate validation was not working properly when using HTTPS in file system plugins.

GIR-13779 – Fixed an issue where, with the SeaChange MVL, when a notify action failed, the Telnet session would not be terminated.

GIR-13836 – **TrafficManager/Ingest Manager Product** – Fixed an issue where the web Dublist Portal time was presented as minute/day/year, rather than as month/day/year, as expected.

GIR-13842 – Fixed an issue where the Vantage Management Console (VMC) did not detect ComponentPacs in the default ComponentPac folder without providing the specific location of the folder.

GIR-14107 – Fixed an issue in the Vantage Workflow Designer (VWD) in which spurious drag-n-drop operations would occur in the Construct Inspector.

GIR-14165 – **Tempo Product** – Fixed an issue in which when the “Exclusion Segment List” was empty, the name of the job submitted was “Workflow Portal: CML.”

GIR-14240 – **Tempo Product** – Fixed an issue where Tempo workflows that were created in Vantage 6.3 were not able to be properly upgraded.

GIR-14256 – **TrafficManager/Ingest Manager Product** – Fixed an issue that prevented the Vantage 7.0 Upload Portal from being installed on Windows Server 2016 with IIS 10.

GIR-14294 – **Social Media Product** – Fixed an issue where deploys to Twitter longer than 30 seconds would cause a failure.

GIR-14387 – Fixed an issue where inadvertent error messages were being shown on Nexio WANStreamer File Transfers.

GIR-14391 – **TrafficManager/Ingest Manager Product** – Fixed an issue where the Catch Actions would not properly upgrade.



GIR-14652 - **TrafficManager/Ingest Manager Product** – Fixed an issue in the Dublist Manager where the Dublist schema was ignoring quotes and misinterpreting commas.

GIR-14657 – Fixed an issue where SFTP file transfers were running slower than they should have been.

GIR-14711 – Fixed an issue where the Workorder Action was not properly supporting Cyrillic characters.

GIR-14726 – **TrafficManager/Ingest Manager Product** – Fixed an issue in the Dublist Web Portal where a runtime error would be encountered when a field was left blank.

GIR-14728 – Fixed an issue where default values were being added to job reports erroneously.

GIR-14738 – **Camera Ingest Product** - Fixed an issue where the GoPro Camera Ingest Action was picking up non-GoPro files.

GIR-14800 – **Web Job Status Views** - Fixed an issue where Web Job Status Views were being shown with a negative (-1%) progress.

GIR-14830 – Fixed an issue where Vantage SFTP delivery was causing blocking artifacts in the deployed file.

GIR-14837 – Fixed an issue where, in the Vantage Workflow Designer (VWD), newer transcode actions, such as Multiscreen, would remove and then re-add the output configuration, when an output was selected.

GIR-14895 – **TrafficManager Product** - Fixed an issue in the Syndication Portal where it could take more than 15 minutes to generate a segment list; meanwhile the progress indicator was only shown for approximately 45 seconds.

GIR-14905 – Fixed an issue where negative priority values were not being properly handled when lesser (higher numerically) priorities were also used.

GIR-14919 – **Vantage Workflow Portal** - Fixed an issue where the Vantage Web Workflow Portal would show incorrect expiration date in instances where it should show “Never Expire.”

GIR-14961 – **Multiscreen Product** – Fixed an issue that was preventing successful Multiscreen Action upgrades from Vantage version 6.3 to 7.0+.

GIR-14966 – **VOD/DAI Product** – Fixed an issue in the VOD DAI Workflow Portal where lead black and head type insertions were not being correctly handled.

GIR-15043 – **Web Job Status Views** – Fixed an issue in which the Web Job Status Views application would show progress greater than 100% while the Flip Action stays at 100% for growing TIFO files.

GIR-15101 – **Vantage Workflow Portal** – Fixed an issue that, in the web portal, when using forward binder mode, the portal would create a new binder, rather than forward the existing binder.

GIR-15132 – **Camera Ingest Product** – Fixed an issue where SONY PMW-EX1R XDCAM spanned clips were not being automatically stitched together in one shot.

GIR-15133 – **Task-Based Load Balancing** – Fixed an issue in the Task-based load balancing status window, which resulted in the wrong capacity value being displayed.

GIR-15158 – **Tempo Product** – Fixed an issue where the Duration Selector in the Tempo Workflow Portal was always NDF even when the Vantage Management Console (VMC) was set to follow source notation.

GIR-15165 – **Tempo Product** – Fixed an issue where the Tempo Workflow Portal was not adding the correct settings for content advisory.

GIR-15172 – **Vantage Workflow Portal** – Fixed an issue where clicking “CTL+ a” in the Vantage Workflow Portal and trying to modify a metadata label would cause an unexpected crash.

GIR-15224 – Fixed an issue where the Vantage Flip Action would not work after upgrading, when imported into a workflow running on Vantage version 7+.

GIR-14233 – Fixed an issue where the Vantage Workflow Designer could crash when manually restarting an action while it was in the “Waiting for Retry” state.

GIR-15243 – **Task-Based Load Balancing** – Fixed an issue where Task-Based Load Balancing entries would fail to be cleared, thus resulting in an artificial load calculation.

GIR-15260 – **Camera Ingest Product** – Fixed an issue in which Canon C300 MK2 files would not be properly transcoded in output files.

GIR-15275 – Fixed an issue where image sequences running through the Associate Action did not produce the same output as when the same files were run through the Watch Action.

GIR-15307 – Fixed an issue where an SFTP connection would fail to negotiate a key exchange, and a negotiation error would be encountered.

## Known Issues in This Release

*The following are known issues in this release, which may be fixed in a future Vantage or Vantage component release.*

GIR-12172 – AudioTools action configurations can reference the wrong output file extension in the Vantage job binder.

GIR-14307 – In Basic Availability Group and Mirroring - Jobs can hang in the “Waiting” or “In Process” states after a failover occurs.

GIR-14397 – **Vantage Web Workflow Portal** - Metadata label "Max Length" and "Required" settings are ignored.

GIR-15184 – **Social Media Product** - Some social media Deploy actions allow the workflow to be activated when a social media account credential has not been provided. Please ensure social media Deploy actions are configured to use an a social media account.

GIR-15352 – **Split-and-Stitch Preview** – Split and Stitch actions do not show as being upgradeable.

GIR-15364 - Using the delete key in the Compute action results in a bad character that cannot be overwritten until the action is closed and reopened.

GIR-15411 – **TrafficManager Product** – It is possible to get an “OutOfMemoryException” error when batch-activating TrafficManager workflows.

GIR-15377 – ComponentPac’s can get stuck in a broken state if unpacking fails.

GIR-15399 – Attempting to access “Settings” link from Vantage Web Apps returns “Server Error in /Vantage Application” error.