



USING AVID v2.6 TRANSFER ENGINE WITH VANTAGE

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Synopsis

Vantage provides an Avid Transfer Engine encoder and an Avid Transfer Engine deployment. The encoder and deployment work together to enable Vantage workflows to automatically submit transcoded media to Avid workspaces for ingest via Avid's Interplay Transfer Engine.

The following operating systems are supported for this version of the Vantage Interplay Components:

- XP Pro SP3 32-bit
- Server 2003 R2 32-bit
- Server 2003 R2 64-bit
- Server 2008 SP2 32-bit
- Server 2008 SP2 64-bit
- Server 2008 R2 64-bit

Vantage v4.0 is compatible with Avid Interplay v2.6 via Transfer Engine and the following formats are supported:

- DV25
- DVCPRO25, DVCPRO50, and DVCPROHD
- IMX30, IMX40, and IMX50
- XDCAM HD 4:2:0 and XDCAM HD 4:2:2
- DNxHD
- AVC Intra (for Avid versions 2.2.1 and later)

Project	Edit Rate	MB/Sec
1080i	25	50MBit
1080i	25	100MBit
1080i	29.97	50MBit
1080i	29.97	100MBit
720p	59.94	50MBit
720p	59.94	100MBit
720p	50	50MBit
720p	50	100MBit

Note: Before configuring a workflow to implement automated Avid ingest workflows via Interplay Transfer Engine, Avid Interplay Transfer Client V2.6, 32-bit installer (obtained from Avid) must be installed on the server. The 64-bit installer is not supported, but the Avid Interplay Transfer Client V2.6, 32-bit installer is supported on a Windows 64-bit OS. Additionally, the updated Interplay Transfer Engine components (obtained from Telestream) must also be installed.

Note: *If the v2.6 Avid Interplay Transfer Server is running on the same computer as the Avid Media Composer, the version of Avid Media Composer used must be v6.0.*

Installing Avid Interplay Transfer Engine Components

Note: Before installing the Vantage Avid Interplay Transfer Engine Components, you must obtain and install Avid Interplay Transfer Engine Client.

Installing Interplay Transfer Engine Components

To obtain the Vantage Transfer Engine Components installer, purchase a license from Telestream, download the installer from the Web site (<http://dynamic.telestream.net/downloads/downloads.asp>), and use the instructions sent via E-mail from Telestream.

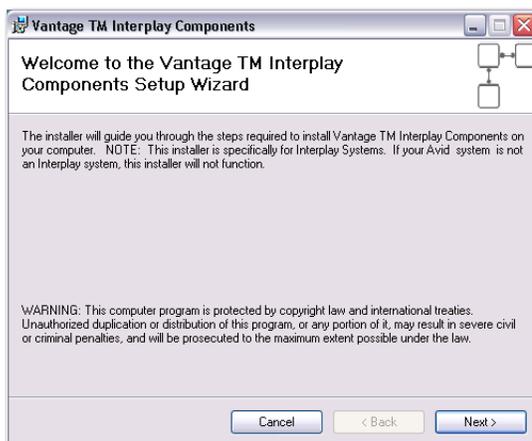
1. To begin installation, double-click the *Vantage.Interplay.TM.2.6.Update_V6.9.0.msi* icon:



Note: If the installer displays the following window, the Avid Interplay Transfer Engine client has not been installed. Install the appropriate version of the Avid Interplay Transfer Engine Client and continue.



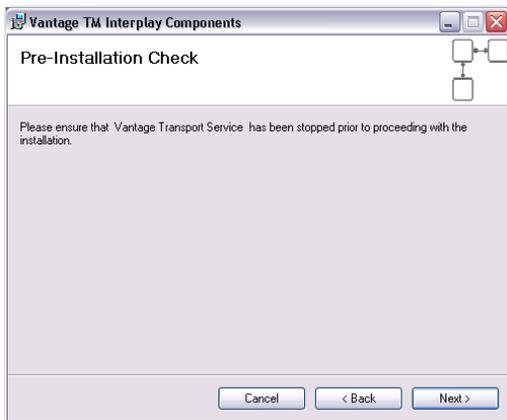
2. When the installer Welcome window displays, click Next:



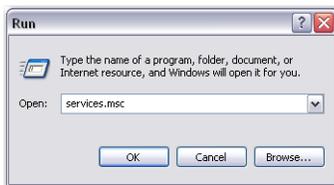
3. The License Agreement contains important information that should be read. Select Agree to acknowledge your agreement. Click Next to continue:



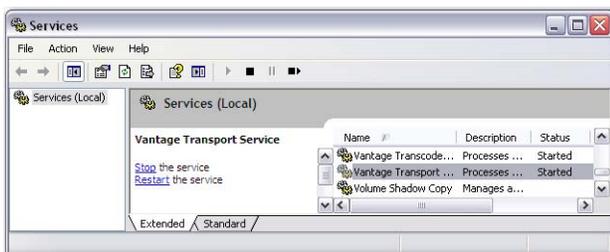
4. When the Pre-Install Check window displays, make sure the Vantage Transport Service is stopped. Click Next to continue:



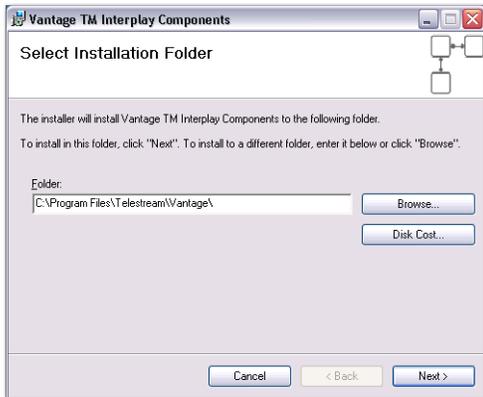
Note: To stop the Vantage Transport Service, select Start->Run from the PC desktop, then enter *services.msc* and click OK:



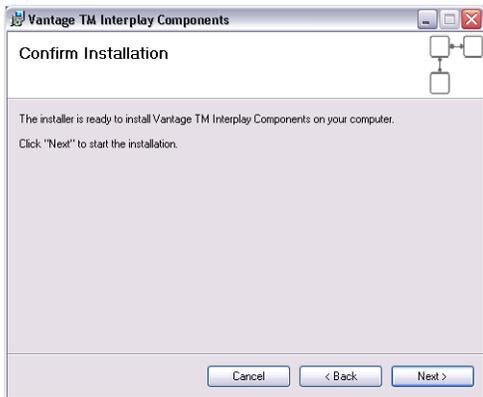
Locate Vantage Transport and click Stop:



5. Click Browse to select a target installation folder. Select the path where Vantage software is installed. By default, the path is pre-populated to the default Vantage location. If you installed Vantage at a different location, browse and select the correct directory. Click Next to continue:



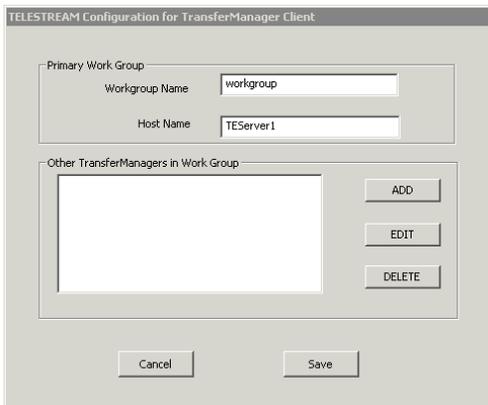
6. When the Confirm window displays, click Next:



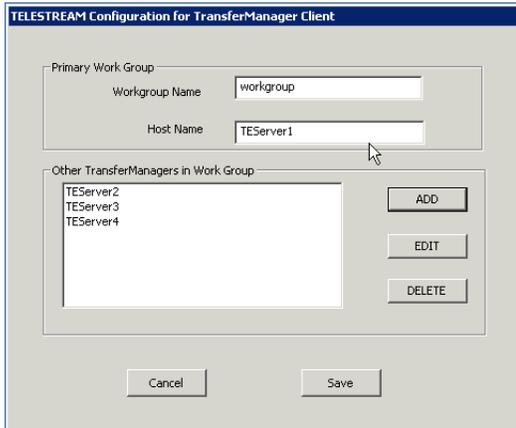
7. When the Transfer Engine Client Configuration window displays, provide the following information to configure Interplay Transfer Engine:

Workgroup Name. Enter domain or workgroup name of the Transfer Engine server location.

Host Name. Enter the computer name where the Transfer Engine server is running.



Note: If multiple servers will be used, **Other Transfer Engine Servers** must be set up. Use the Add, Edit, and Delete buttons to list all other Transfer Engine Servers that will be used:

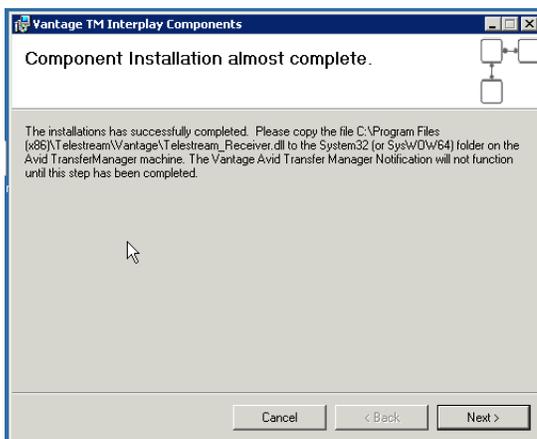


Note: Since Other Servers (i.e. TEServer2) get licensing information from the Primary Server (i.e. TEServer1), the Primary Server must be turned on and locatable on the network.

If you do not have this information, or you are unfamiliar with this terminology, consult your Avid Transfer Engine Server Administrator. These fields must be completed correctly, prior to continuing with the installation.

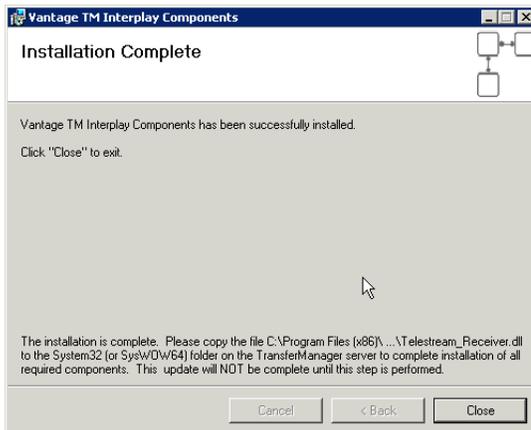
If you add server names to the list of Other TE Servers, make sure they are turned on. Doing this prevents the workflow from slowing down while searching for those servers.

8. When the Vantage TE Interplay Components window displays, read the instructions to copy a DLL file to the Interplay Transfer Engine server system32 (or sysWOW64) directory, then click Next:

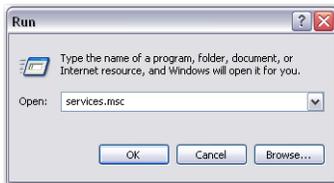


Note: The transfer of the *Telestream_Receiver.dll* file must be done on the first installation of the TE Components. If you have several Vantage installations, this step need only be done once per Transfer Engine Server. As long as the latest version of the DLL file is moved on to each server the first time, this step can be skipped on other installations of the same software version. If you are running more than one Transfer Engine server, this file **MUST** be copied to all the servers that you are using in your network.

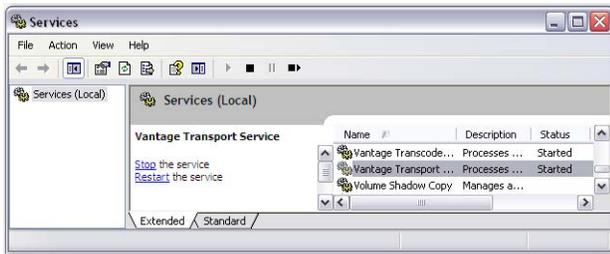
9. Click Close to quit the installer:



10. To start the Vantage Transport Service select Start->Run from the PC desktop, then enter *services.msc* and click OK:



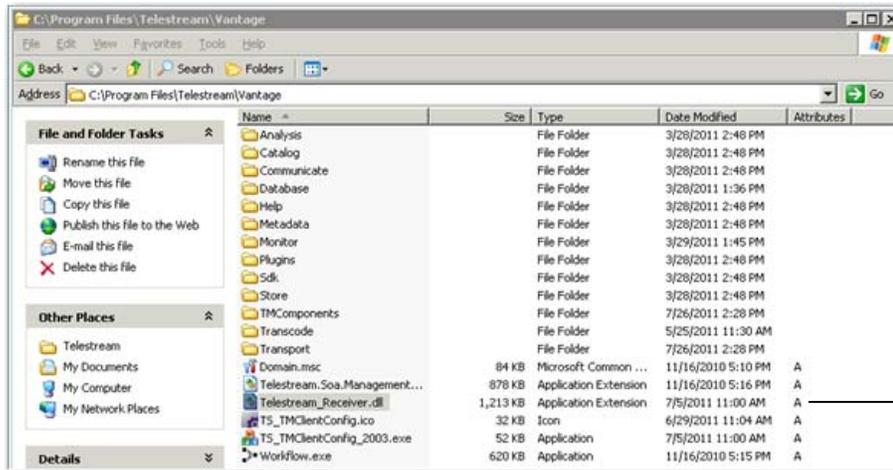
11. Locate Vantage Transport and click Restart:



Copying the DLL to Interplay Transfer Engine Server

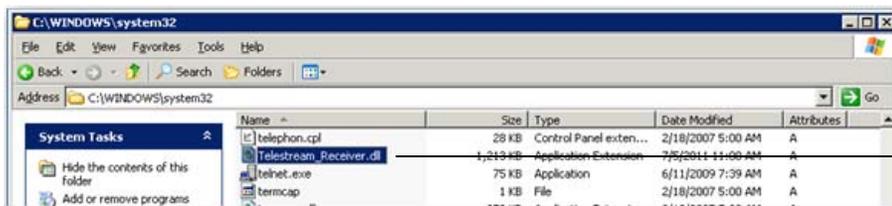
After the installer quits, you must copy a DLL file to the Interplay Transfer Engine server before you can deliver any media.

1. In Windows Explorer, browse to the Vantage installation folder (default: *C:\Program Files\Telestream\Vantage*) and locate the file named *Telestream_Receiver.dll*, and copy it in preparation for pasting it into the *Windows\System32* (or *sysWOW64*) directory on the Interplay Transfer Engine server:

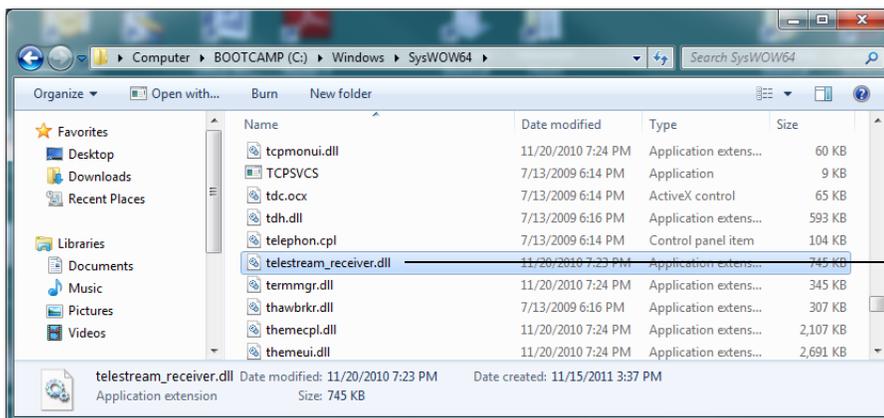


2. In Windows Explorer, open My Network Places and browse to the Interplay Transfer Engine server, and open the *Windows\System32* (or *sysWOW64*) directory. Paste the *Telestream_Receiver.dll* file into that directory:

- Into the *system32* directory:



- Into the *sysWOW64* directory:



Transfer Engine Server Configuration

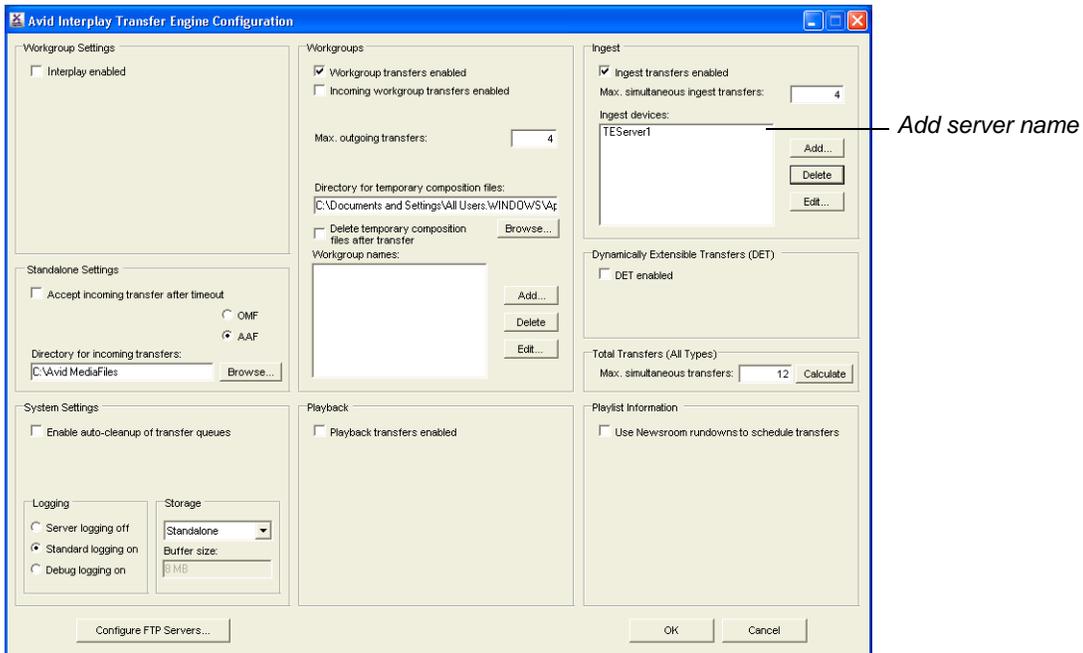
The following steps must be performed for each Transfer Engine used.

After you have transferred the *Telestream_Receiver.dll* to your primary Transfer Engine, and all other Transfer Engines used with this installation, the Transfer Engine configuration must be edited. On each Transfer Engine server, there is an icon on the desktop to run the Avid Configuration utility:

1. Double-click the Transfer Engine Configuration icon:



2. In the Ingest devices edit box, add the name of the TE Server:



Note: In this example, the TE server is named **TEServer1**. This is the same machine name that was used in the installation of the TE components above. In a multi-Transfer Engine environment, there may be several Transfer Engine servers and several Vantage machines. The primary Avid Transfer Engine Server must be running in order for any secondary servers to work. If the primary is not enabled then transfers will fail.

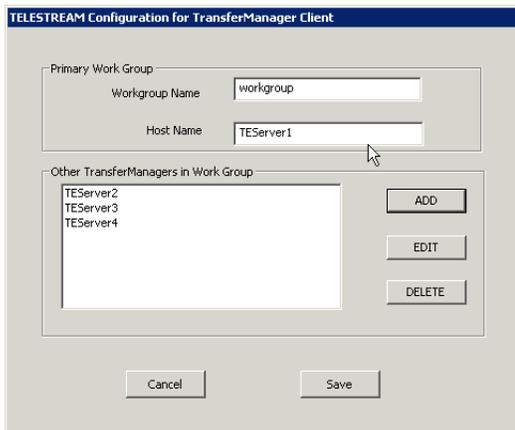
Multiple Server Configuration

If multiple servers are used, the playback devices should be configured by following these steps:

1. Each of the secondary servers must also have their respective names set in their own Transfer Engine Configuration (TE Servers 2, 3 and 4):



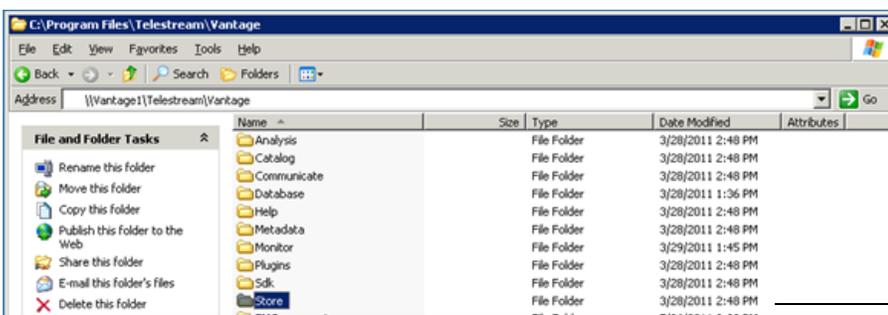
2. Each of the Vantage installations require the Transfer Engine Client Configuration to be set as displayed below.



Sharing the Default Vantage Store Folder

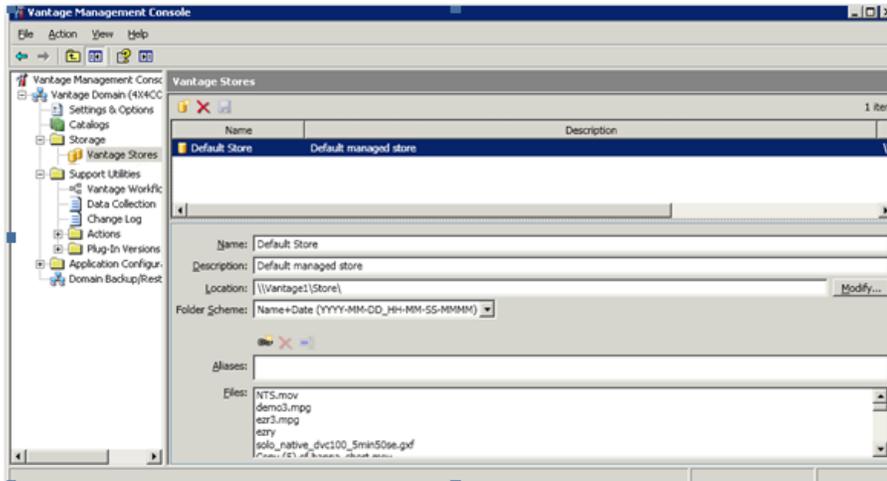
The Vantage store is where temporary media files are located; it must be shared and given permissions so that all necessary servers (specifically, your Interplay Transfer Engine server) can read and write to the share. The share should be configured so that it is accessible from the UNC reference (`\\VantageServerName\Store`). For example, on a server named Vantage1, the default store folder should be accessible as `\\Vantage1\Store` from the Avid Interplay Transfer Engine server.

Note: *When you do an encode, the files are placed in a temporary store by default. You can deploy directly from this store or any other location where the files have been moved, as long as the Interplay Transfer Engine server can access that location.*



Share Store
directory

After sharing the store, the Management Console must reference the store via its new UNC path:



Updating Vantage

Download and install the latest version of Vantage. To do this, go to the Vantage download page on the Telestream Web site at:

<http://dynamic.telestream.net/downloads/login.asp?prodid=ve&message=loginantag>.

Updating the Vantage License

Two license features must be present in the license file in the Vantage database: *Transfer Engine Encoder* and *Avid Transfer Engine Deployment*. Without these two license features, the encoder and/or the deployment will not operate. Instructions for updating your license file are provided by Telestream via E-mail.

Creating a Workflow with Interplay Transfer Engine Deployment

To use Interplay Transfer Engine Deploy, you should create a workflow in Vantage that:

- Transcodes media into the appropriate format
- Enables Interplay Transfer Engine Deploy (which must be configured appropriately for your workflow).

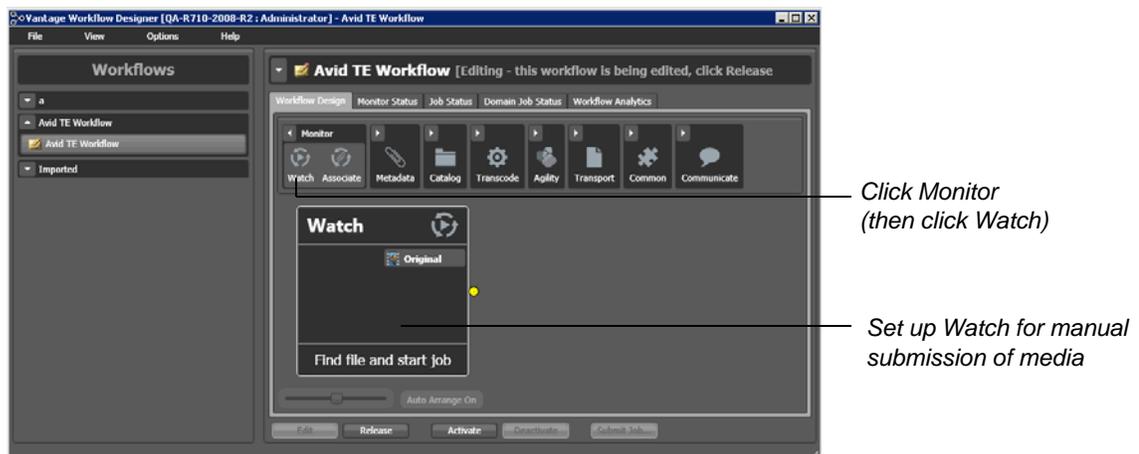
Note: This document assumes that you know how to create workflows: enable and configure monitors, products (encoders), and deployments. If you need help, consult the Vantage User's Guide.

The following steps describe generally how to create a sample workflow that transcodes media destined for an Avid system and utilizes Interplay Transfer Engine Deploy that you can use as an example.

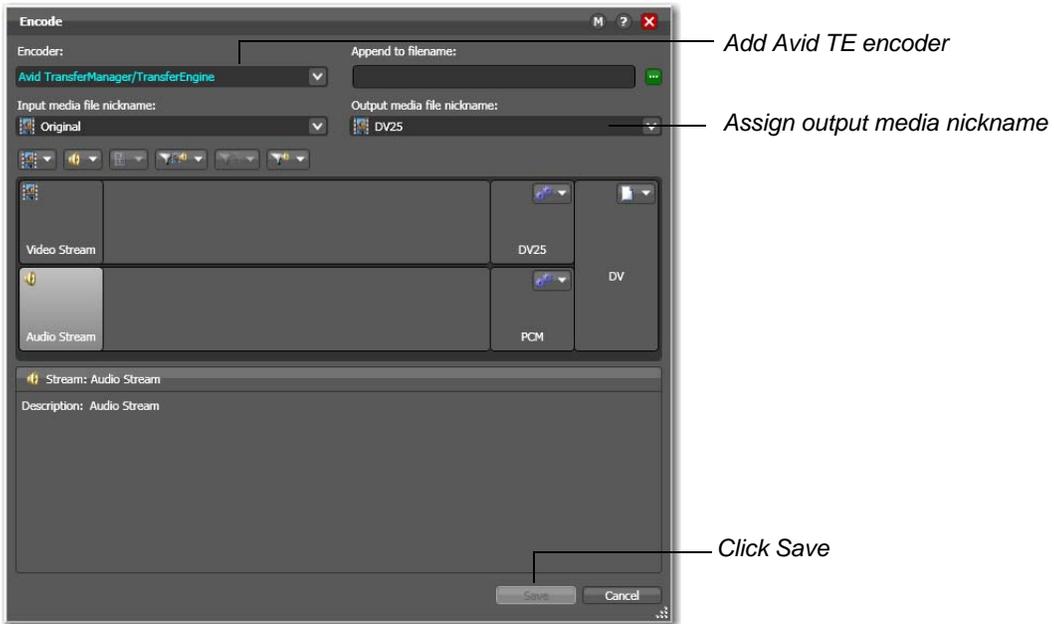
1. To create a new workflow, start Vantage Workflow Designer and select File -> Create New Workflow. Enter a workflow name:



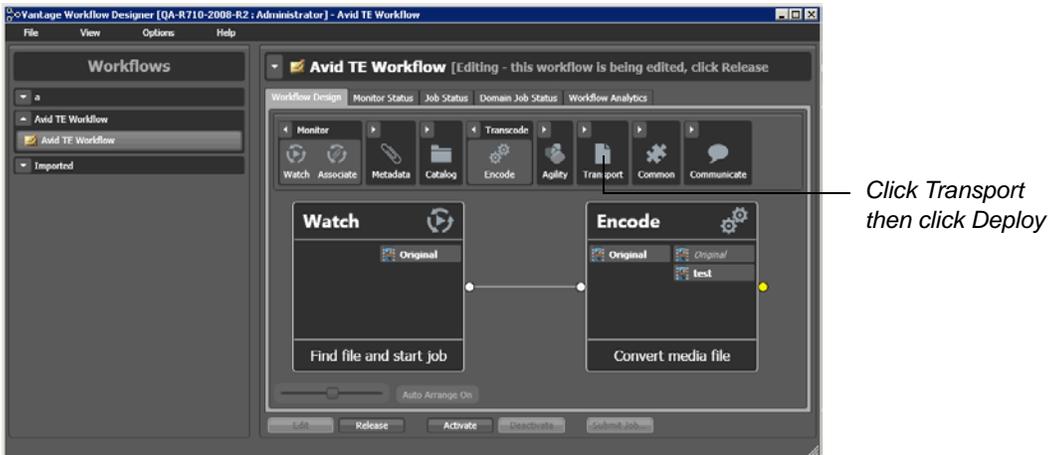
2. Click Monitor, click Watch, then set up a monitor to enable manual submission of source media:



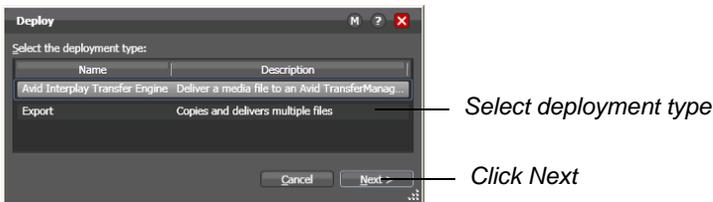
- Click Transcode, then click Encode to add the Avid TE encoder. This encodes media compatible with Avid Transfer Engine. Assign an output media file nickname and click Save:



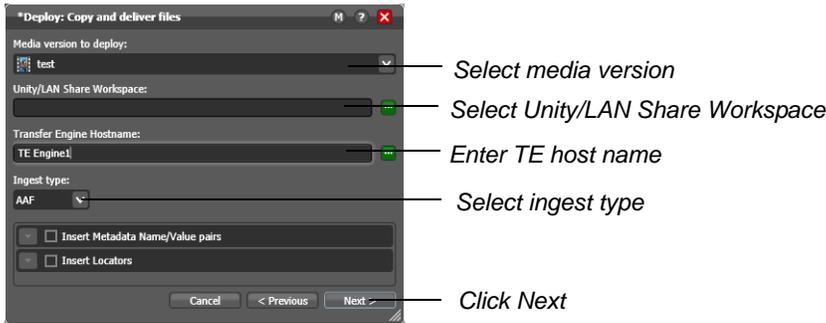
- Click Transport, then click Deploy to setup deployment:



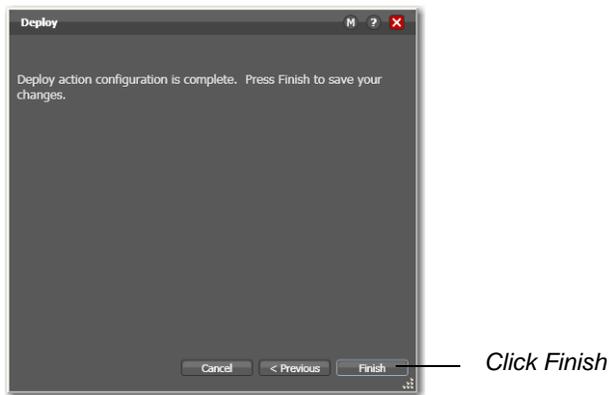
- Open the Deploy action and select a deployment type, then click Next:



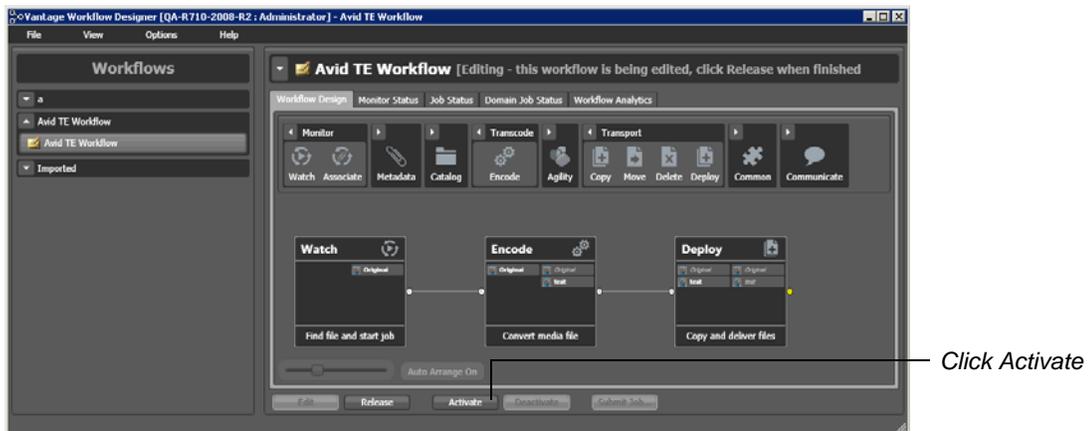
6. Select media version and enter the name of the Workspace on the Unity/LANshare. Select a Transfer Engine host (when blank, the default workspace is the target). Select the ingest type from the drop-down menu. The ingest type must correspond with the work environment of your editors. If you are using an OMF editor, select OMF. If you are using an MXF/AAF editor, select AAF. Specifying the wrong ingest type will result in an ingest failure or uneditable material on Avid workstation. Click Next when finished:



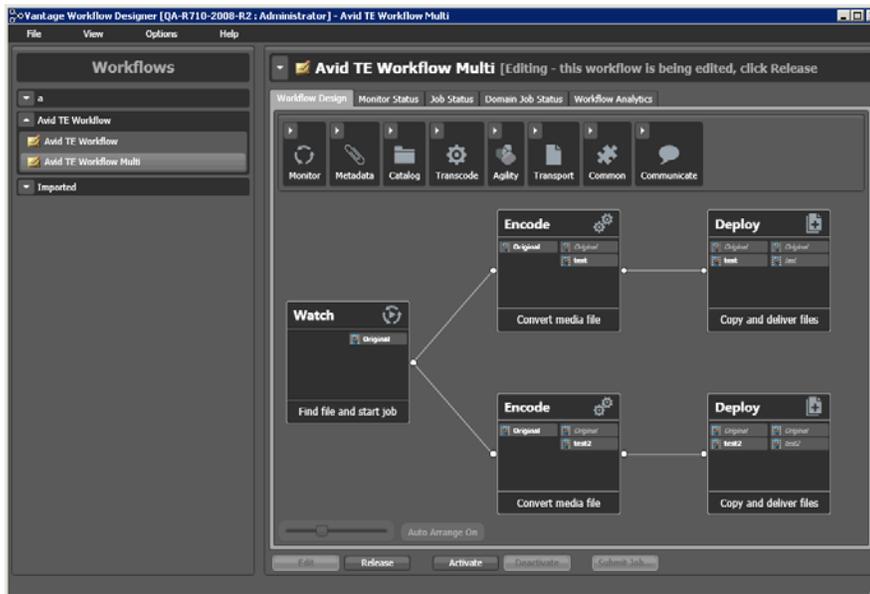
7. Click Finish to close deployment setup:



8. Click Activate to start the workflow:



Note: A multiple server workflow can be created by adding a second set of encoder and deployment stages:



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