

Using Vantage's Dolby DP600/VM600 Notify

For use with
Vantage 5.0
or later

[Synopsis](#)

[Requirements 2](#)

[DP600 Workflow Example 2](#)

[Configuring the DP600 Notify 3](#)

[Required Store Properties 3](#)

[Setting up Stores for DP/VM600 Utilization 3](#)

[DP600 Notify Connection Information Panel 4](#)

[DP600 Workorder Information Panel 5](#)

[Copyright and Trademark Notice 6](#)

Synopsis

The Dolby DP600 hardware and Dolby VM600 software are audio platforms that provide a file-based workflow solution for loudness correction, audio conversion, and up-mixing. The Vantage Dolby DP600 Notify is used in workflows to pass a file to the DP600/VM600 for processing and then wait for its return to be used elsewhere in the Vantage workflow. Supported media files are sent to the DP600/VM600 where they are for processed and returned as a new media file.

Requirements

The following software versions and hardware are required:

- Vantage V5.0 or later, with Dolby DP600 Connector (V-DP600-CONN)
- Dolby DP600/VM600

DP600 Workflow Example

This Dolby DP600 Vantage workflow example takes a media input and transcodes the audio to Dolby AC-3 (digital elementary stream) with loudness regulation. The workflow uses the following actions:

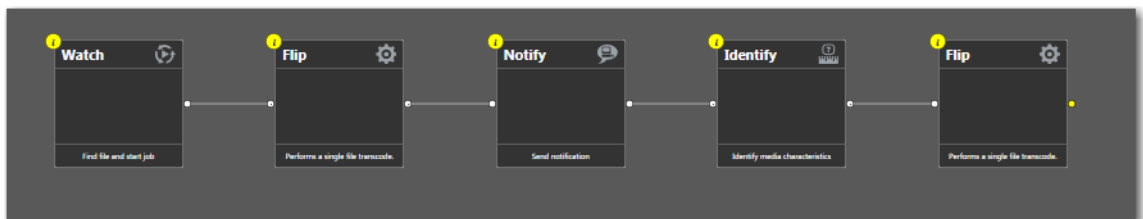
Watch Watches for incoming media.

Flip (#1) Transcodes media to uncompressed WAV format.

Notify Transfers the WAV output file to the DP600. The WAV output file must be written to a UNC location accessible by the DP600. The Notify action lists profiles on the DP600 to target. When the DP600 job completes, it writes the output back to the original UNC location, and the Notify action generates a media nickname.

Identify Identifies the Dolby AC-3 media nickname to generate a file path variable.

Flip (#2) MP4 Flip action with the Dolby AC-3 audio direct insert feature transcodes the original media (plus the Dolby AC-3 output) to MP4. The path variable must be bound to the Dolby AC-3 audio direct insert feature of the MP4 encoder.



Configuring the DP600/VM600 Notify

Before you can use a DP/VM600 system with Vantage, you must set up Vantage storage for use by the DP/VM600.

Required Store Properties

The Vantage storage utilized by the Communicate Service must have these properties:

- The store must be a network share
- The DP/VM600 system must have read/write privileges to the store
- There must be an Authorization (credentials) established for the store. These are passed to the DP600 for use when accessing the share.

Setting up Stores for DP/VM600 Utilization

The DP600 controls are located in the Notify action under Communicate category.



Follow these steps to set up stores for use by DP600 workflows. (Refer to the Vantage Domain Management Guide and your IT administrator for needed details.)

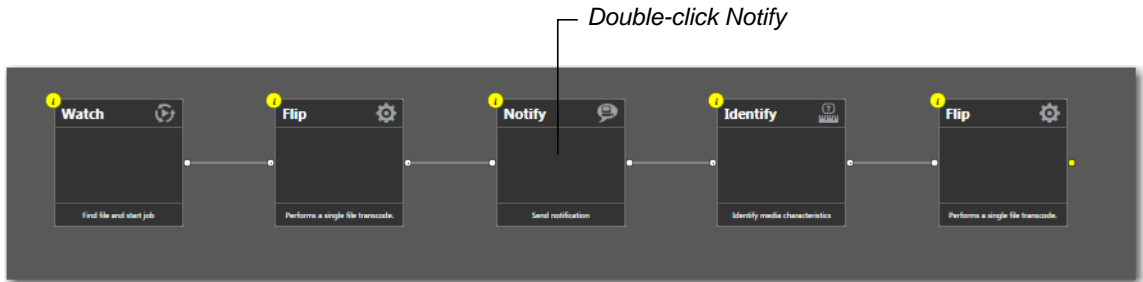
1. In the Vantage Management Console, select *Services > Communicate > Storage Tab* to identify all stores that the Communicate Service (or services in an array) can utilize. If none are specified, all can be used.
2. Select *Storage > Vantage Stores* to set all the stores as shares. Or, you can select some stores as shares and assign them to your Communicate Service.
3. Select *Settings and Options > Authorization* for each share that the Communicate Service is allowed to use. Make sure you have provided credentials.

Note: The output file name or location in the Notify is not explicitly defined. Instead, Vantage provides the DP600 with a path to a unique storage directory (which must be a share) that the Communicate Service is configured to use (see the Vantage Domain Management Guide for details). The DP600 (which must have read/write authority to the store) writes its output files to that store, and upon job completion Vantage ingests the file(s) found in the store and identifies them with the specified output nickname.

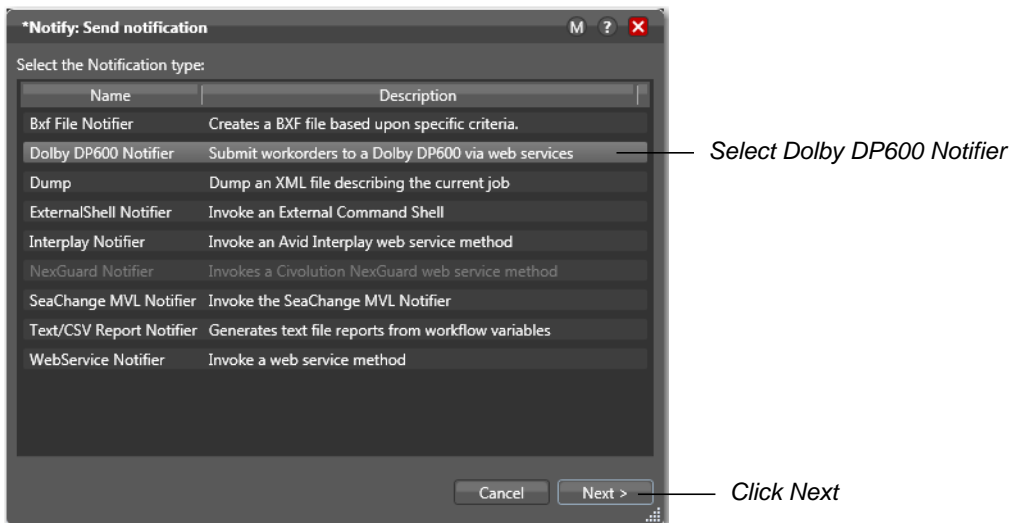
DP600 Notify Connection Information Panel

To setup the DP600 Notify follow these steps:

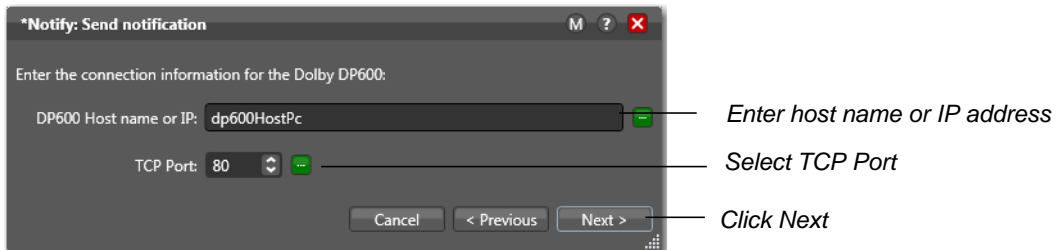
Double-click the Notify action to make changes to its settings.



Select *Dolby DP600 Notifier* and click *Next* to display the DP600 Connection Information Panel.



When the notification window displays, enter the connection information for the Dolby DP/VM600 you are using to process the media. Enter the computer name (DP600 host) or IP address of the device. (Do not enter double slashes (//) in front of the computer name.) Select the TCP port of the device (if different than port 80). Click *Next* to continue.



If Vantage displays a Connection Failed dialog, determine the cause and remedy it, then try again to connect. (Typical failures are: incorrect DP600 computer name or IP address, incorrect port number, or server offline.)

DP600 Workorder Information Panel

The DP600 Workorder window enables you to enter the workorder information that specifies how to process the media. To do this setup the following controls:

Input File Nickname Specifies the file to process (selected by nickname from the popup menu). This file must have been referenced previously in the workflow.

Filename (path) Browse to the location of a specific file. (This option is only available in Vantage v6.3 and later).

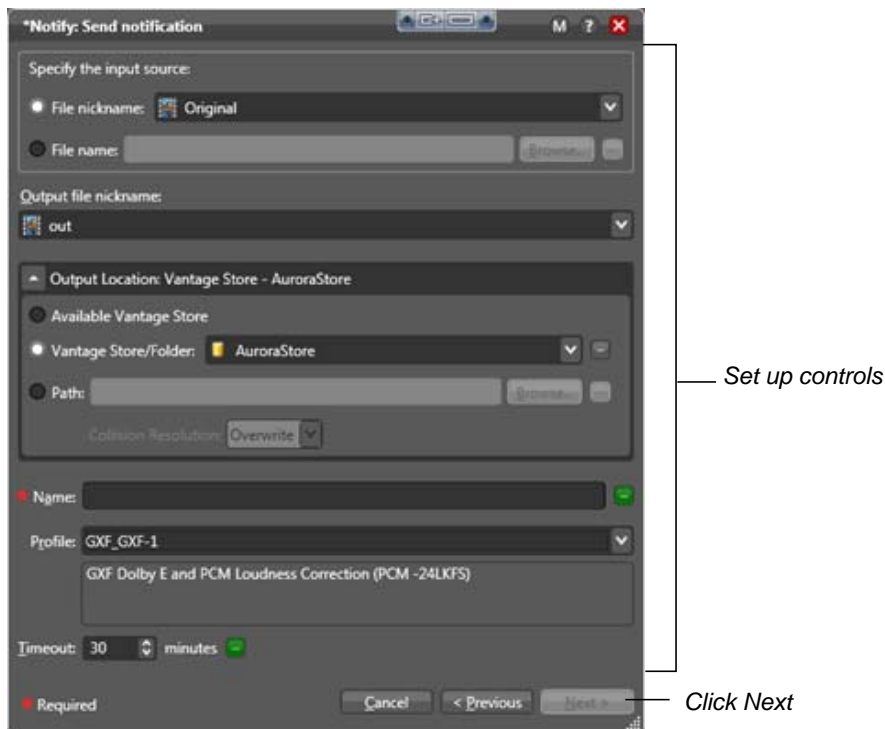
Output File Nickname Specifies the nickname to assign to the output file from the DP600. This allows it to be used by actions elsewhere in the workflow.

Output Location Specifies the location where the output file will be stored. (This option is only available in Vantage v6.3 and later).

Name Specifies the workorder name. You can select it directly, or select the variable that supplies it (if it was created in a previous action). This name is displayed in the DP600's Remote Client Workorder table.

Profile From the popup menu specify the DP600 profile to be used to process the input file.

Timeout This is the number of minutes to wait for the DP600 to finish processing. The default timeout is 30 minutes. You can enter any value desired. If no action occurs within this period of time, the notification times out and the action fails.



Click *Next* to complete the DP600 Notifier configuration. Then, click *Finish* when the final window displays.

Copyright and Trademark Notice

©2014 Telestream®, Inc. All rights reserved. No part of this publication may be reproduced, transmitted, transcribed, altered, or translated into any languages without written permission of Telestream, Inc. Information and specifications in this document are subject to change without notice and do not represent a commitment on the part of Telestream.

Telestream, Episode, Flip4Mac, FlipFactory, Flip Player, ScreenFlow, Vantage, Wirecast, GraphicsFactory, MetaFlip, MotionResolve, and Split-and-Stitch are registered trademarks and Pipeline, Launch, Lightspeed, and Videocue are trademarks of Telestream, Inc.

All other brand, product, and company names are the property of their respective owners and are used only for identification purposes.