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Product Brief

December 9, 2008

NEW! Rimage Archiver for P2HD **Safe, Portable Storage of Panasonic® P2 Card Files**

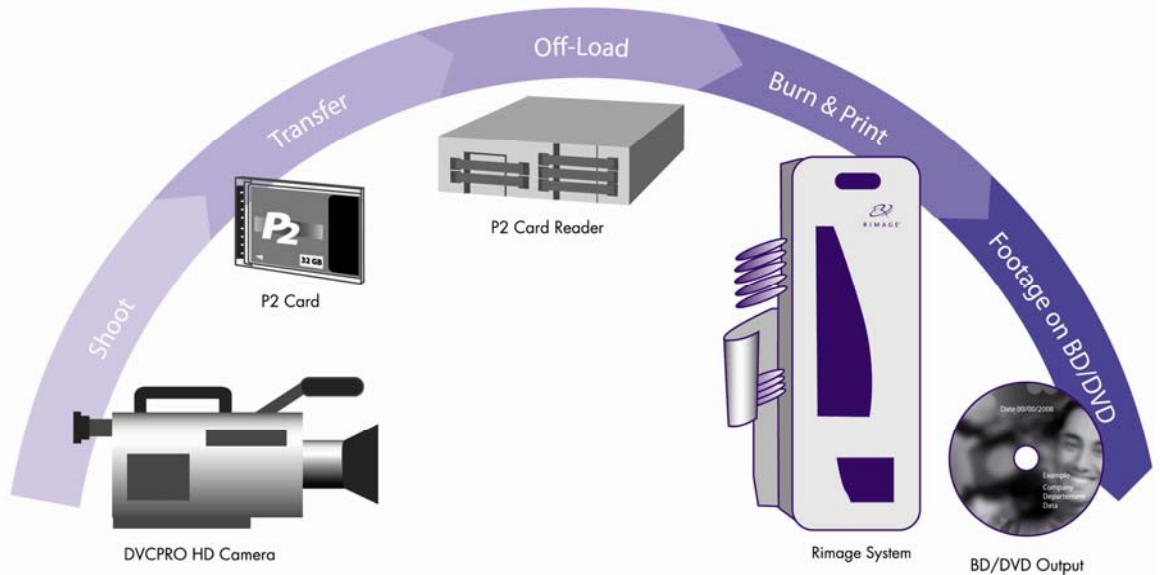
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Optical disc based offline storage of all P2 Card files which maintains the Contents folder and MXF file structure, along with automated printing of clip metadata and camera information on the disc label.

I. Overview

Rimage Archiver for P2HD is a fully integrated solution for offloading and archiving Panasonic® P2HD content and is exclusively available on Rimage Professional and Producer™ III series of Blu-ray™ Disc and DVD disc publishers. Until now, users of Panasonic P2HD cameras have had to choose between keeping their footage on volatile hard drives or investing significant time and effort recording to and retrieving video assets from linear tape. Now, P2 solid state camera card files can be safely and automatically recorded on a non-linear format in Rimage disc publishing systems with permanent label printing for archive and/or distribution using a simple drag-and-drop workflow. Large file sets can be automatically spanned across multiple discs with printed disc set numbering.



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II. System Specifications

Rimage Archiver for P2HD software is an application plug-in to the existing Rimage QuickDisc Windows® - based client software and is only supported on Rimage Producer Software Suite (PSS) version 8.1 and higher. Rimage recommends using Archiver for P2HD on Producer III or Professional series systems with embedded PCs and Blu-ray disc recorders.



Rimage systems with Blu-ray disc recorders support the following disc formats and recording speeds:

Disc Format	Storage Capacity	Write Speed	Recording Time (full disc)
BD-R (single layer)	25 GB	4X	25 minutes
BD-R (dual layer)	50 GB	4X	50 minutes
BD-RE (rewritable, single layer)	25 GB	2X	25 minutes
DVD-R (single layer)	4.7 GB	12X	4.8 minutes
DVD+R (dual layer)	8.5 GB	4X	26 minutes
CD-R	700 MB	24X	3.3 minutes

III. Software Pricing and Availability

The Archiver for P2HD software is an application plug-in to the Rimage QuickDisc software and must be ordered separately from the Rimage system using a unique part number.

Product	Part Number	MSRP*
Archiver for P2HD Software	3001061	\$900.00

* Prices and part numbers are subject to change.

Customers who purchase new systems are able to begin using this plug-in immediately, as their systems already support PSS version 8.1.



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IV. Upgrade Kit Pricing and Availability

Customers interested in upgrading new or existing systems should contact Rimage Inside Sales with the system serial number and upgrade kit requested. The Inside Sales Representative will work with our services group to ensure that the customer's system is capable of being upgraded and will quote the costs of performing the upgrade.

Customers purchasing the Archiver for P2HD software plug-in have a number of upgrade options:

New Systems

Software Upgrades: Customers who purchase new Producer III or Professional Series systems already have the software tools necessary to use Archiver for P2HD Software.

Hardware Upgrades: Rimage offers a hard drive upgrade kit so customers can use their Producer III or Professional series system as a local online archive storage system for immediate P2 card clearing. Rimage systems with embedded, high-performance PCs can be upgraded to add this additional capacity.

Existing Systems

Software Upgrades: Systems with software versions prior to PSS version 8.1 may be required to renew their Software Maintenance Agreement.

Hardware Upgrades (Hard Drive): Rimage offers a hard drive upgrade kit so customers can use their Producer III or Professional series system as a local online archive storage system for immediate P2 card clearing. Rimage systems with embedded, high-performance PCs can be upgraded to add this additional capacity.

Hardware Upgrades (Blu-ray Disc): Existing systems with CD/DVD combination recorders can be upgraded to the latest Blu-ray Disc recorders using a Rimage Blu-ray disc Upgrade Kit.

V. Media Pricing and Availability

Rimage offers Everest™ printable Blu-ray Disc media for use in Producer III and Professional series systems using the Archiver for P2HD Software. Single layer (25GB) and dual layer (50 GB) media are available in 50 piece spindles and can be used in systems with either the Everest 600 or the Everest III printer.

Blu-ray Disc™ Media

PRODUCT	PART NUMBER	MSRP*
4X single layer Blu-ray disc, 50 per spindle Everest printable (white)	2001108	\$ 10.99
4X dual layer Blu-ray disc, 50 per spindle Everest printable (white)	2001105	\$ 28.99

- Costs are per blank disc



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VI. Customer Value

Rimage Archiver for P2HD allows any P2 user to save and archive content in an easy, fast, secure and efficient manner:

- Record to Blu-ray (or DVD) from a USB or fire-wire connected P2 reader (or any Type III PCMCIA card reader), portable hard drive or network share.
- Content thumbnails and associated metadata are automatically printed on the disc label, providing easy physical identification of archived material.
- Replace linear, tape-based archiving workflow with a non-linear, tapeless workflow, saving time and maintaining file integrity.
- Reduce dependence on volatile formats - Optical media is more secure and environmentally sound than hard drives or tape.
- Reduce the quantity of expensive P2 cards to manage in the field.

VII. Workflow Overview

Rimage Archiver for P2HD can run from any PC client with network access to a Rimage Professional or Producer III system running PSS version 8.1 or higher, with the easiest and most direct method being on the Rimage system embedded PC. In addition to the Rimage system itself, the following are the recommended components and connectivity methods to complete this simple workflow:

- 1) Panasonic P2 Drive: 5-card P2 card reader - models AJ-PCD10 or 20 with USB or Firewire cable: Install the drivers from <http://panasonic.sixbullets.net/>
Connect the reader to the USB or Firewire port on the rear of the Rimage system (or networked PC). The 5 card slots are seen as drive letters in an explorer view and will prompt for a card to be inserted if not present
- 2) Portable Hard Drive with USB or Firewire cable: Connects directly to the Rimage system (or networked PC)
- 3) Network Share: this applies particularly where the P2 content has previously been offloaded to a Mac laptop or a shared storage pool. In this case the content can be accessed from the Rimage system over a specified UNC path, with the provision that the P2 Contents folder is the root.



In all 3 cases, Archiver for P2HD can browse for the content in the respective drive folder and either add or drag-and-drop into the application wizard. Content recorded from multiple P2 cards or hard drives will be automatically saved to sets of Blu-ray (or DVD) discs using the QuickDisc spanning feature and the resulting disc set will be labeled as Disc 1 of n, 2 of n... up to n of n, along with the First Clip and Last Clip thumbnails and corresponding clip metadata.



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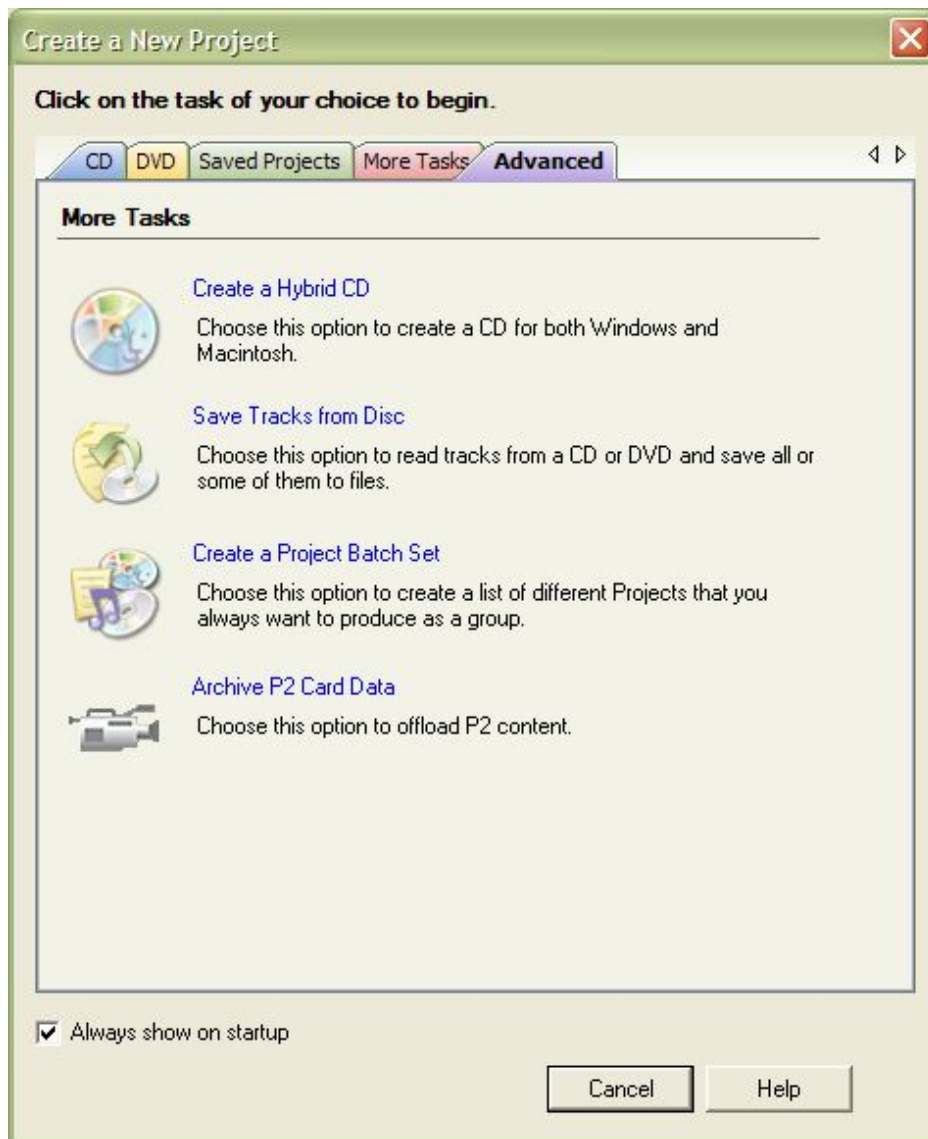
VIII. QuickDisc Integration

Installing the Archiver for P2HD plug-in causes the application icon to appear in the Advanced tab of the QuickDisc wizard.

Creating an Archive Disc with Archiver for P2HD

Step 1: Open QuickDisc

Step 2: Using the wizard, click on the Advanced tab on the top of the wizard and then click on the Archive P2 Data link.



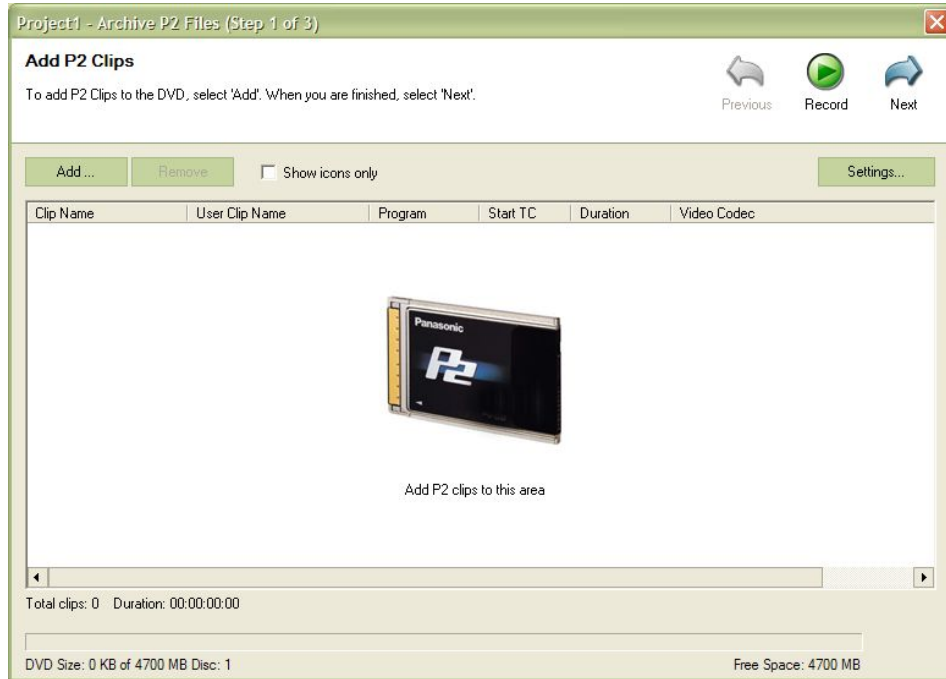
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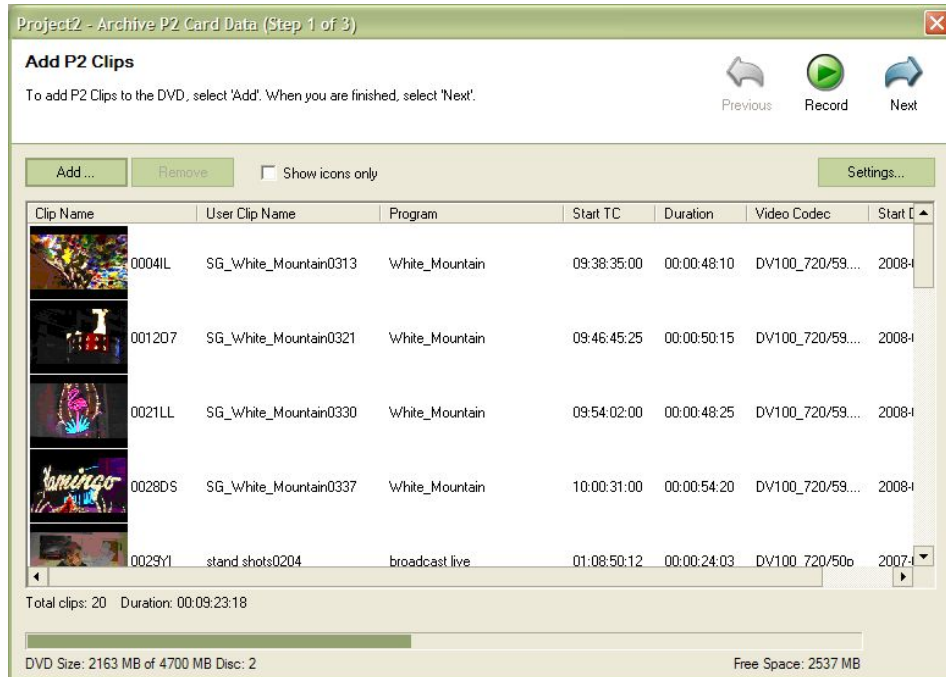
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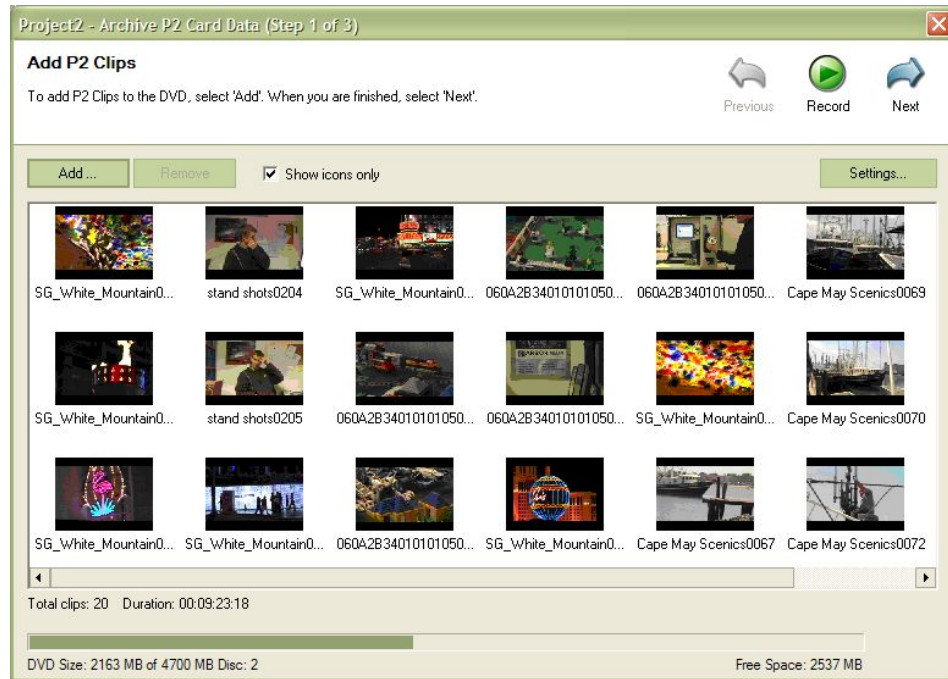
Step 3: Add P2 Content using the Add button.
 Drag and Drop is also supported in this window.



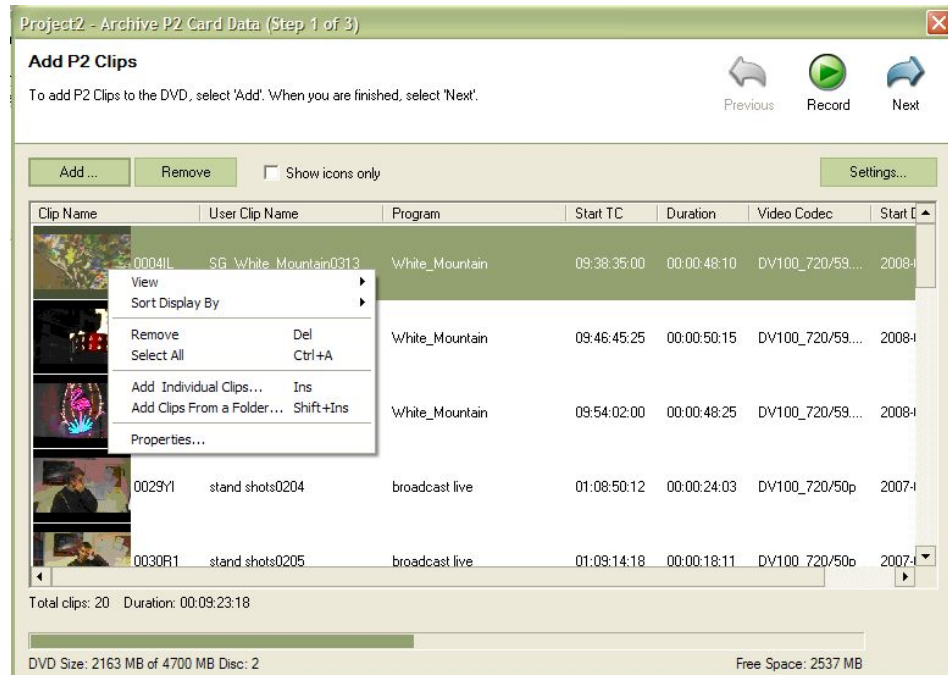
Step 4: Add whole card directory or individual clips:



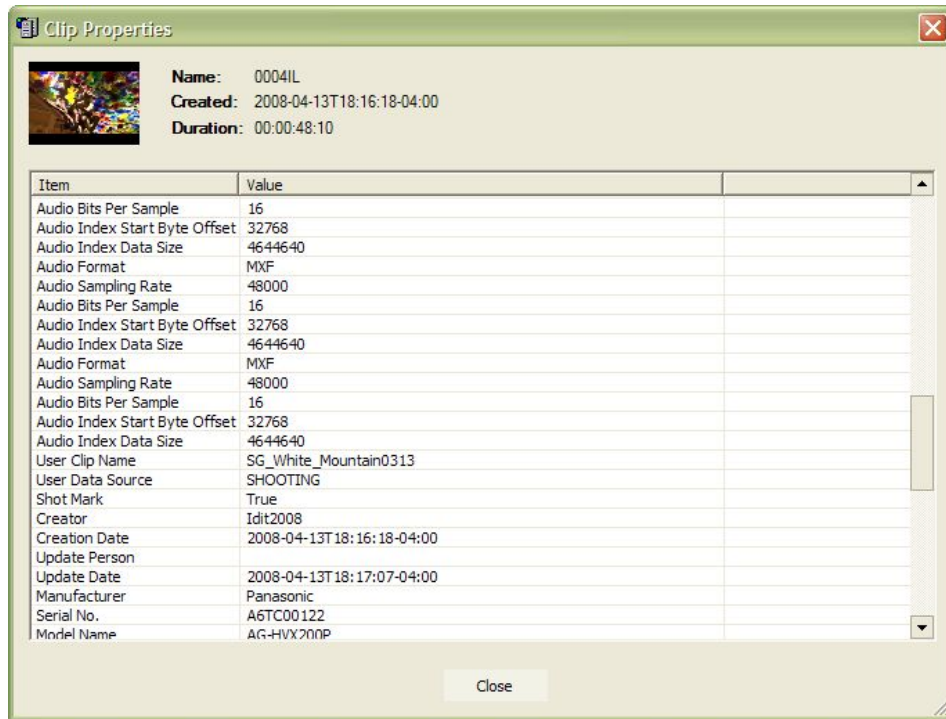
View after selecting 'Show icons only' checkbox:



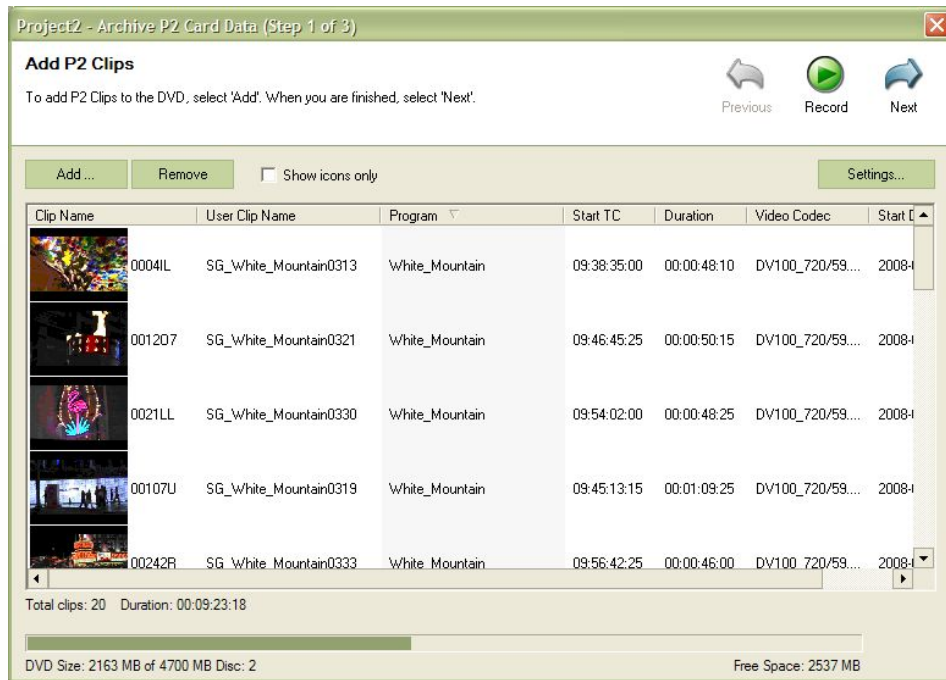
Context menu view:



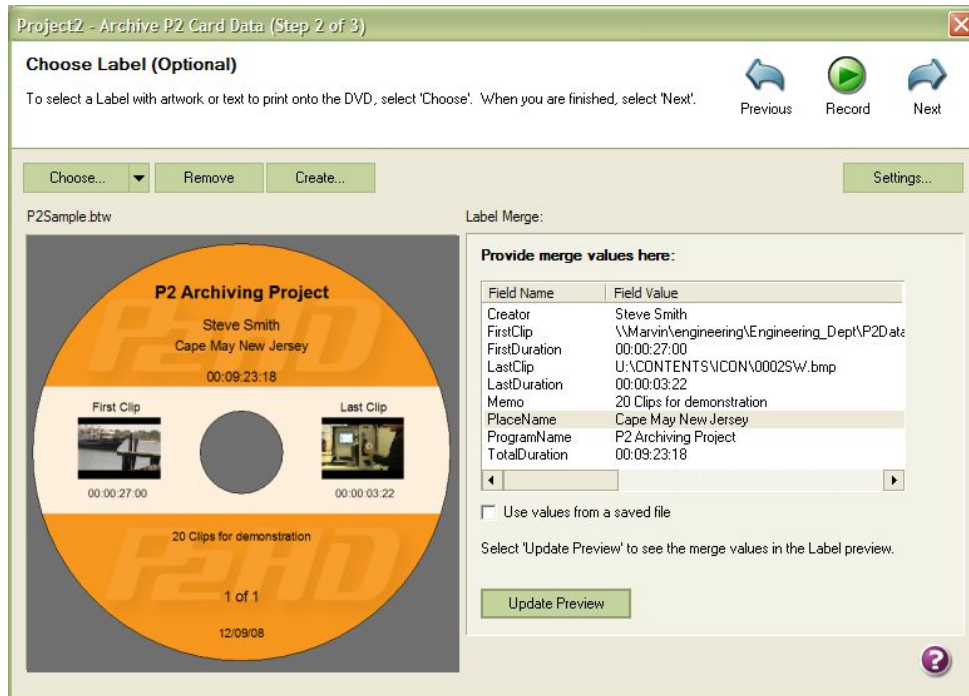
Choose Properties..., and show all fields from clip metadata:



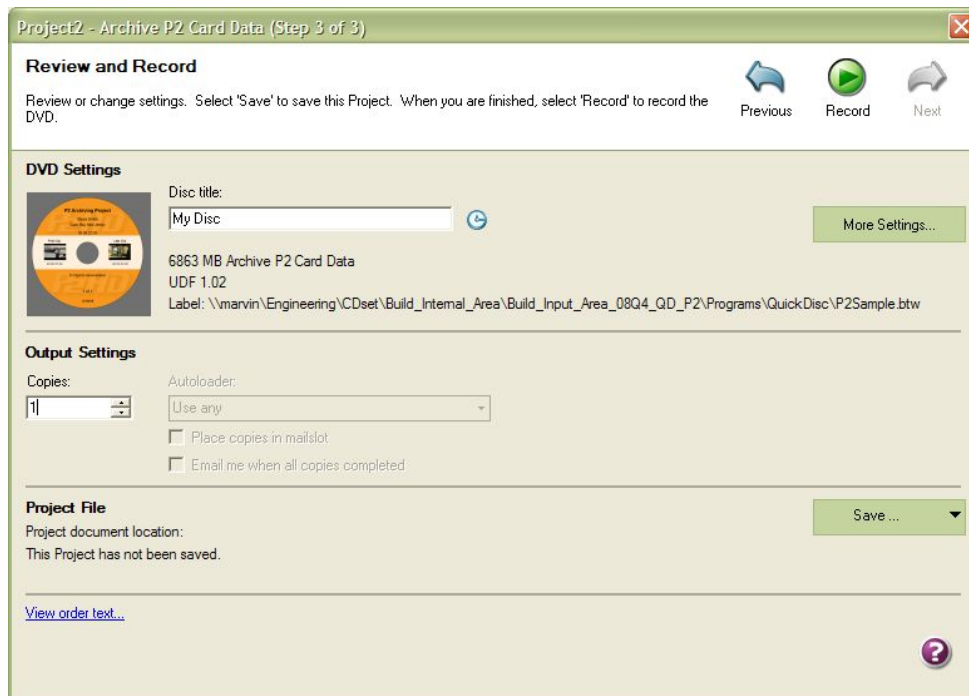
Choose Sort Display by... (or click column headers) to sort.
 Note: 'White_Mountain' program clips are together now:



Step 5: Once clips to archive are selected, click 'Next' to go to label selection. Label merge Fields are auto-populated with metadata values



Step 6: Review disc settings, select the number of disc copies and hit Record:



Step 7: The job has been submitted. The status of the project will be displayed in the Project Status window.

IX. Contact Information

For additional information on Rimage Archiver for P2HD, Rimage Producer III, Professional series systems, or Blu-ray disc recorders or media, please contact:

- Rimage Regional Business Manager
- E-mail: sales@rimage.com
- Global contact details: <http://www.rimage.com/contactus.html>



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