



# REFLECTOR<sup>TM</sup> 5

The Network Backup and Archive Manager

## Quick Start Guide

For **PRIMERA**  
Disc Publishers



## Welcome

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Thank you for your interest in the StorageQuest REFLECTOR™. This guide will give you the information you need to get your system up and running quickly.

### What is REFLECTOR?

REFLECTOR Server Edition is the Network Backup & Archive Manager specifically designed to support the complete line of Primera CD & DVD duplication hardware, expanding their functionality to now deliver automated, reliable, cost-effective backup and archive protection for Small and Medium Businesses (SMBs) and the distributed enterprise.

This unique combination of software and hardware enables businesses to utilize industry standard optical media for all of its backup and archiving requirements. Features like automated backup of servers and workstations, optimization of data recording to reduce the number of discs required for a job, seamless spanning of files which are larger than a single piece of media and the automatic printing of labels for all media, provide businesses with greater ease of management and higher availability of their data.

REFLECTOR Client Pac is an *optional* software application which requires the REFLECTOR Server Edition to be installed on a Primera server network. The Client Pac is designed for users needing the power and functionality of the Server Edition at their desktops. Users can *push* data files to a Primera server which is especially useful with applications such as video editing, digital imaging or any application where large amounts of data must be moved off primary storage to free up capacity for the next job. Multiple users, each with a copy of REFLECTOR Client Pac, can share a single Primera system that serves all the computers of a networked Windows Workgroup.

The Primera disc publisher includes one or more drives for reading and writing optical discs, a printer to label the top surface of those discs, and a robotic mechanism to automatically feed blank discs from the recorder, then to the printer, and finally to an output stack.

With REFLECTOR, you can quickly and easily specify which files you wish to write to CD or DVD, on a single or recurring basis for system backup. The REFLECTOR software automatically creates multiple CDs or DVDs as necessary, with each disc clearly labeled.

You can also use the REFLECTOR software to restore some or all of the files from a CD or DVD to your computer's hard disk.

## **System Requirements**

To use the Backup & Archiving Manager for Primera, you will require the Minimum System configuration:

- Windows 2000™ or Windows XP™
- 1.5Ghz Processor
- 256 MB System Memory
- Network Interface Connection
- CD/DVD Drive
- At least 10 GB Available Free Disk Space<sup>1</sup>
- A supported Primera Server (Bravo II, Pro, XR, XRP)

<sup>1</sup> *The Primera server should have as much free disk space as the maximum amount of discs you want to publish simultaneously use the following example to easily calculate how much free hard disk space you will require on the Primera Server;*

The true hard disk space requirement for a single user creating Primera CDs or DVDs is as follows:

**Hard Disc Space Needed** = (Number of discs + 1) \* (Size of media)

**Number of discs:** The maximum number of unique discs submitted at the same time from the REFLECTOR.

**Size of media:** For CD is 650 MB, DVD is 4500 MB.

Additional space is required when spanning files larger than a piece of media.

**Example 1:**

A client wants to burn 20 GB at once: 20 GB = 5 DVDs

Hard Disc Space Needed = (5 + 1) \* 4500 = **27 GB**

**Example 2:**

A client wants to burn 100 GB at once: 100GB = 23 DVDs

Hard Disc Space Needed = (23 + 1) \* 4500 = **108 GB**

**For PowerStream mode, Number of discs is the number of PowerStreams.**

## Installing and Activating the Software

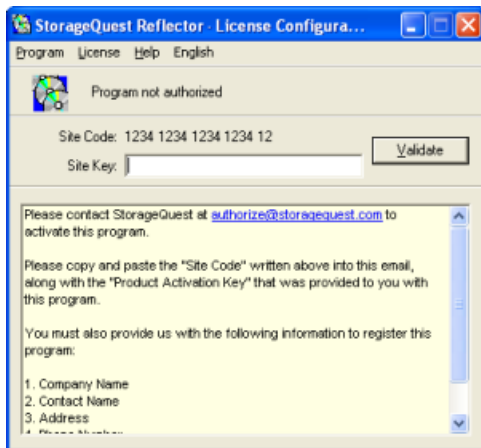
To install the program, simply click on the SETUP.EXE program located on the installation CD. Follow the simple installation procedure and the software will be installed onto your computer.

You can install the REFLECTOR on either the same computer as the Primera hardware, or another computer on the same network.

The Primera system requires the PTBurn server component to be installed on Primera Server. This software provides the network connectivity required by REFLECTOR. To install the PTBurn software, run SETUP\_PTBURN.EXE from the REFLECTOR Installation CD and follow the installation procedure to setup the software.

The REFLECTOR software must be activated within 14 days of installation by contacting StorageQuest at our activation web site: [www.StorageQuest.com/Activate](http://www.StorageQuest.com/Activate)

You will need to provide your Site Code and Serial Number to activate the software. The Site Code is accessible in the License Configuration screen (appears after 14-day expiry or by pressing Enter on Startup).



**Figure 1: Getting the Site Code**

The serial number is located inside your CD case.

## **Installing the PTBurn Server**

The Primera system requires the PTBurn server component to be installed on Primera Server. This software provides the network connectivity required by REFLECTOR. To install the PTBurn software, run SETUP\_PTURNS.EXE from the REFLECTOR

Installation CD and follow the installation procedure to setup the software.

## Connecting to Primera

Now that you have installed the software, start the REFLECTOR software. A dialog box will appear asking if you want to set up the Primera now.

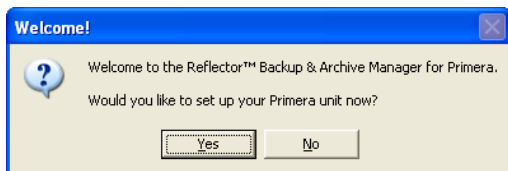
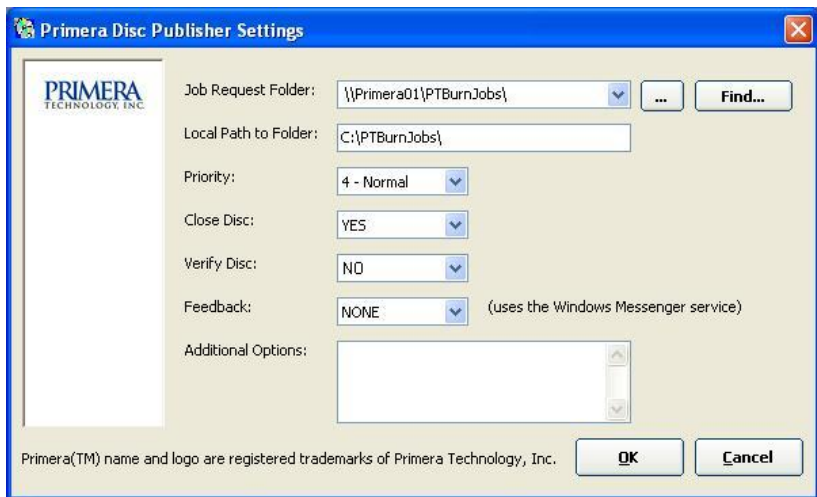


Figure 2: Welcome

Click yes to this dialog, and it will bring you to the Primera Settings page.



### Figure 3: Primera Settings

There are only two things the REFLECTOR needs to know in order to connect to the Primera: the relative path to the Job Request Folder, and the local path to this folder. There are two methods of installation: Installing on the same computer as the Primera, or on a different computer on the network. The local path to folder will almost always be C:\PTBurnJobs\ unless you have a non-standard setup. If don't have a folder called PTDumpJobs, just create one and enable sharing. The REFLECTOR software will need this folder to write its temporary data as the discs are being created for you.

#### Typical Configuration:

- a) **Same Computer as Primera**  
Publisher Path: C:\PTBurnJobs  
Local Path to Folder: C:\PTBurnJobs
  
- b) **Other Computer on the Network**  
Publisher Path: \\SERVERNAME\PTBurnJobs  
Local Path to Folder: C:\PTBurnJobs

Alternatively, you can click the Find... button which will search both your local computer and the network.

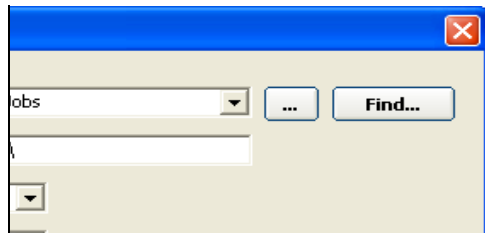


Figure 4: Find on the Network

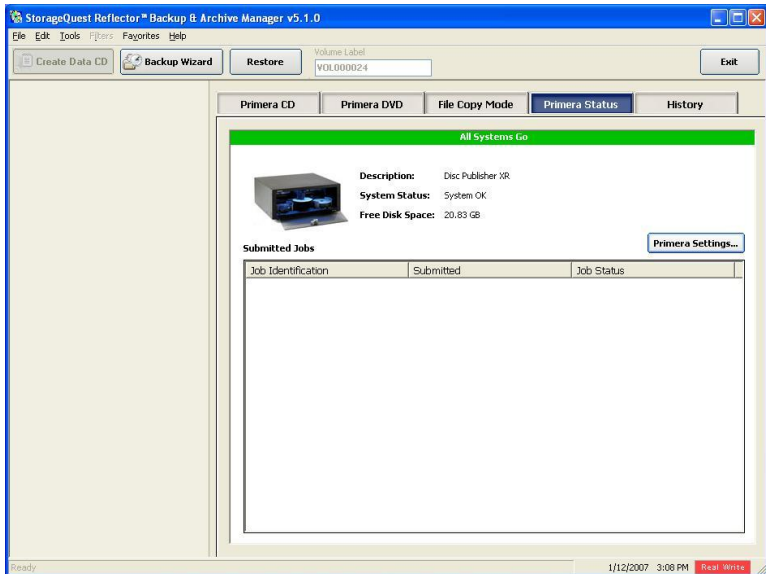


Figure 5: All Systems Go

## How to Make a CD or DVD

To make a CD or DVD, select the mode of your choice (Primera CD or Primera DVD). Use the navigation pane on the left-hand side to select your source directory. Select the files and folders you wish to burn to your disc by double-clicking on the files and folders that you wish to add and they will be placed in the destination list. Then simply click the Create Data CD button. The software will automatically span as many discs as required to make your image.

## **Advanced Features**

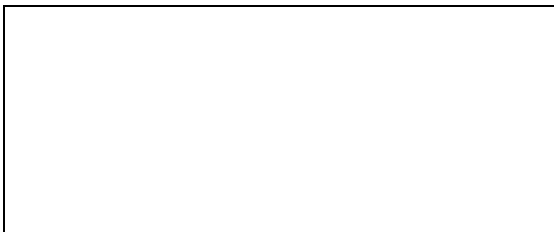
There are many advanced features of the REFLECTOR, too many to cover in this simple installation guide. So don't be afraid to explore the menus and functions of the software as well as the complete User Manual on the installation disk. Some of the features you will discover are:

- Automatic spanning of files over as many CDs or DVDs as required
- Customizable label printing with automatic text
- Script recording and playback (can be integrated with 3rd-party software)
- Advanced file and directory filtering
- Full and Incremental Backup
- Scheduled tasks integration
- Restore from backup to the original location
- Full network support
- HTML index files
- Searchable history of written data
- Real and simulated writing and printing
- File spanning for individual files that are larger than the media
- .... much, much more!

## **Any Questions?**

If you have any questions on installing or using the REFLECTOR software, please first check the User Manual that is included on the CD also talk with your reseller or the company you purchase the REFLECTOR software from and finally you can contact using the contact information on the next page.

## Reseller Contact Information



## StorageQuest Contact Information

StorageQuest, Inc.  
226 Argyle Avenue  
Ottawa, Ontario  
Canada, K2P 1B9  
[www.StorageQuest.com](http://www.StorageQuest.com)

support email: [support@StorageQuest.com](mailto:support@StorageQuest.com)  
product activation: [www.StorageQuest.com/Activate/](http://www.StorageQuest.com/Activate/)  
sales: [sales@StorageQuest.com](mailto:sales@StorageQuest.com)

phone: (613) 235-6919  
fax: (613) 235-1785

Thank you for choosing StorageQuest REFLECTOR™  
The Network Backup and Archiving Manager.

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