

REFLECTOR - Network Backup & Archive Manager

PRIMERA
TECHNOLOGY, INC.

REFLECTOR™ for Primera™ is a unique solution in Windows™ data protection, providing comprehensive, cost-effective, and compliant backup and recovery. An intuitive, user interface simplifies installation and management of local server backup and networked users with easy to use wizards. REFLECTOR'S Disk-to-Disc architecture is designed for businesses backing up from magnetic disk to optical disc to achieve compliant long term data protection.

REFLECTOR'S unique capability of utilizing the Primera CD & DVD publication products delivers an unprecedented value. Businesses not only reap the benefits of a feature & function rich network backup & archival solution, they also receive an award winning CD & DVD Duplication and Publishing system All-In-One Solution!

Small and Medium Businesses (SMB) now have a cost-effective choice over conventional tape based backup solutions. When you consider the pervasiveness of CD & DVD technology it's easy to see why a solution like REFLECTOR makes sense; backing up and archiving to optical media with its lower cost, proven reliability and portability to any operating system without unique hardware or software. Combined with the added benefit of True WORM media means your data will meet compliance regulations for unalterable data storage as a standard feature of this solution.

Businesses can also utilize the system to publish or duplicate CD's or DVDs for business applications essentially getting two solutions for the price of one. When a tape drive or autoloader is not being used for backup it sits idle. REFLECTOR greatly improves the ROI for a backup solution by increasing the productivity of the investment to perform several functions. Small business must fully leverage every dollar it spends on technology to keep them not only competitive but secure. Reflector accomplishes both objectives.

Additionally businesses currently utilizing a Primera system for duplication or publication can upgrade its capability with the simple addition of the REFLECTOR software to provide their backup and archive application leveraging their initial investment, while improving their businesses data protection and management.

- Supports Primera™ Product Line
- Complete Backup & Archive Solution
- Network Enabled
- CD & DVD Support
- Full & Incremental Backup Wizard
- Automatic File Spanning & Recovery
Write Files Larger than a Piece of Media
- No Client Software Required to Restore Data
- Extensive File Filtering Manager
- Integrated Media Labeling Tool
- Data Recording Optimizer
- Media Tracking Database
- Powerful Scripting Editor
- Automatic Script Recorder
- Auto-discovery of Primera Hardware
- Supported Media: CD-R, CD-RW, DVD-R, DVD-RW
- Supported Formats: UDF, ISO-9660 + Joliet
- Media can be read on any Operating System: Windows, Linux, UNIX & MAC OS X
- Status & Error Monitoring of Primera H/W
- Simple Intuitive Interface
- Runs on Windows 2000 & Windows XP™
- 1 Yr. Software Update Service



Innovative Features

Disc Spanning – REFLECTOR will automatically record as many discs as required for your dataset, and optimally pack the data so that it requires the smallest number of discs.

File Splitting - Files larger than a piece of media will be split across multiple discs. Split files can be restored without using the Reflector software on any operating system.

Open File System – Discs created are fully readable on all major operating systems: Windows, Mac OS X, Linux and UNIX all files can be read on virtually any platform with CD/DVD drives natively.

File Filters – Define rules to target which data files to include or exclude on a disc.

Scripting – Built in powerful script language allows virtually all features to be accessed with script files. Script recorder will automatically record your actions and play them back.

History – REFLECTOR maintains records of all files and folders that were recorded. History is fully searchable to locate files or folders.

Restore - Files and folders can be restored to their original location or a new location and rebuild the directory structure, split files will be restored automatically, files attributes will be set back into their original condition. REFLECTOR'S multi-disc restore supports any number of drives for fast file restoration and will automatically check all drives for the correct disc.

Media Labeling – Powerful automatic labeling capabilities include; full color images and automatic text can be generated for each disc. Automatic content includes:

- Number of Copies made.
- Size of disc contents
- Number of Files
- Number of Folders
- First File Name on the disc
- Last File Name on the disc
- Media Type (CD or DVD)
- Custom fields, images & logos can be defined
- Volume Name
- Date
- Time
- Description
- User Name
- Computer Name
- Disc Number (1-to-set size)
- Set Size (number of discs)

Client Pac - is an *optional* software application requiring 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.

Optical - The Clear Choice

Why use Optical vs. Tape for Backup & Archiving? Optical technology provides a random access means of writing and reading data just like magnetic disks which makes file retrieval much faster than tape. Optical media

is an OPEN solution having industry standards when you consider the pervasiveness of CD & DVD technology it's easy to see why a solution like optical makes sense; backing up and archiving to optical media with its low cost, proven reliability and portability to any operating system without unique hardware or software coupled with the added benefit of True WORM media means your data will meet compliance regulations for unalterable data storage. Tape cannot make this claim!

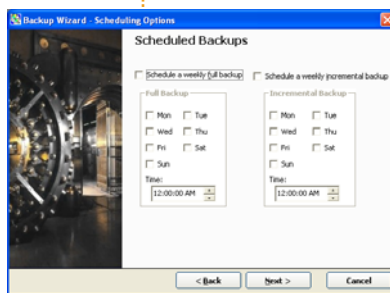
Every tape format is proprietary. Coupled with this is the fact tape drives and media are very expensive with reliability constantly in question it becomes clear why tape is not as pervasive as optical technology. With tape users must insure compatibility of all their systems to write and read a specific data format. This is sometimes impossible when exporting or distributing data outside a user's environment. Unlike optical where there is a virtual guarantee that any user will have CD/DVD drives available to read the media.

Optical technology is a True WORM (Write Once Read Many) recording medium, tape is not. With today's requirements for multi-year data retention periods and growing regulatory compliancy requirements for Unalterable, Non-erasable storage capabilities, only optical technology meets these requirements as part of its standard attributes, tape does not.

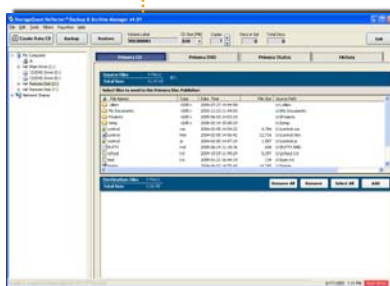
Minimum Requirements:

- Windows 2000 or XP
- 1.5Ghz Processor
- 512 Mb Memory
- Network Interface
- CD/DVD Drive
- 10GB Available Free Disk Space*
- Primera Hardware & Software*

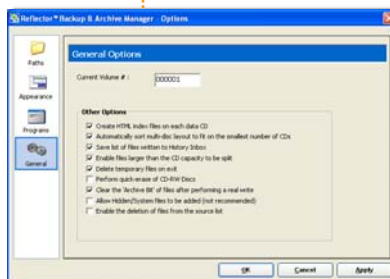
* Consult the REFLECTOR & Primera user manuals or your reseller for specific System Configuration Information.



Backup Scheduler



Main Control Screen



Options Screen

