



SilverKeeper 1.1.4 – Release Notes
June 2005

General Comments

Thank you for using SilverKeeper for your Backup needs.

Some general tips to prevent problems and surprises:

- Review the release notes, QandA, and troubleshooting tips at <http://www.silverkeeper.com>
- Repair Permissions using Apple Disk Utility (OS X), Restart, close other applications, and login with Admin privileges before installing SilverKeeper.
- Check and double-check your Source and Destination definitions, especially if you have important files on the destination drive. If set improperly, you may erase important files on the destination drive.

Changes for SilverKeeper 1.1.4

This is a minor update to correct a few lingering issues that appeared with the Tiger Update.

- Added automatic management of "Ignore Ownership" volume flag. User is warned if destination volume is set to ignore ownership, and is cleared by SilverKeeper if the user asks. Ownership is temporarily enabled on Source and Destination when needed for complete, proper backup, preserving privileges and permissions.
- Fixed UNIX symbolic link files to work correctly with Tiger. Tiger prevents setting file dates, so we now check actual contents before updating. Special code for symbolic links now works for links with name over 31 characters long.
- Added delay and retry to launch of "copy tool" process under Tiger (also added user warning if launch fails)
- Excludes copy of Spotlight folder (invisible folder containing data base of files on each volume).
- Change Backup so invisible files are automatically copied to destination without asking user.

Changes for SilverKeeper v1.1.3

- Making bootable system backups: "disk-to-disk" backups

SK now checks Source and Destination for limitations of file name length, file size, Ownership/Permissions support and notifies the user as best as possible before performing a backup.

When backing up to external drive best disk format is Mac OS Extended. This format is REQUIRED when wishing to make a bootable backup.

There can be problems when destination is an external drive with a non-MacOS file format, or when the destination is a network server:

FAT32:

- the following characters may not be used in file or folder names:

? [] / \ = + < > ; : " , | *

- 4GB is the maximum file size, however some operating systems may limit this to 2GB.
- Macintosh files may not be copied correctly if there are resource and data forks, or custom icons

Windows, Linux, or Unix server:

- the above character limitations for FAT32 volumes apply
- the destination volume may not preserve permissions information
- refer to server documentation for other file, folder name and maximum file length limitations
- you CANNOT make a full system backup to a network volume.

AppleShare Servers:

- 2GB is the maximum file size

- To make a bootable backup for OS X:
 - make sure you have a freshly formatted and partitioned external drive; it should be completely empty. Making a bootable backup replaces anything already on the hard drive. If you have an external drive that is larger than your internal boot drive, consider partitioning your drive, and dedicating one of the partitions for a bootable backup

NOTE WELL: Make sure there is nothing critical on the partition you wish to use as the destination drive. If you do not configure SilverKeeper correctly, you can lose anything already on that drive. Please take the steps necessary to assure your data on the external drive is safe. Reformatting and repartitioning will remove anything already on that drive.

- make sure you have done the following after formatting and partitioning your drive:

- Make sure you have repaired permissions on your boot drive using Apple Disk Utility
- Make sure no other applications are open when performing the backup
- Make sure "Ignore ownership on this volume is NOT checked when you do a Finder Get Info on the volume/partition you wish to be the destination
- You have unlocked the padlock within SilverKeeper Preferences by authenticating with username and password of account with Admin privileges
- You have disabled option to spin down disks in Energy Saver System Preference
- You have set Source to be the OS X disk you have booted from. Dragging the icon for the drive you have booted to the Source pane is the easiest way to set this.
- You have set the Destination to be the External hard drive top level; it must NOT be a folder. Dragging the icon for the external drive to the Destination pane is the easiest way to set this.

- Changed user interface to ask user to setup options for creating OS X bootable volume.

This involves turning off "Copy Set to Folder" if set and requiring the target volume to be empty. This prevents user from losing any existing data on the target volume during backup.

- Implemented new magic folder "SilverKeeper_noRemove" at top level in backup destination.

If you wish to preserve any file or folder on the destination drive when performing a complete disk backup, nothing in this folder will be disturbed.

- Fixed backup of OS X Boot volume to mark the volume as bootable for open firmware.

After backup, using Restart with Option key down, the open firmware will recognize the new volume as containing an OS X system. Using the Startup Volume System Preference Panel will also set bootability correctly.

- Corrected timeout condition where SilverKeeper would sometimes report Error -50 at end of backup while housekeeping was performed.
- Correctly updates write-protected files on destination

- When performing subsequent backups, a user dialog sometimes will appear, noting that file is newer on the destination than on the source. Dialog will timeout after 60 seconds, permitting backups to complete without user intervention.
- Properly update LaCie Backup Support for scheduled backups

Thank you for choosing SilverKeeper. Be sure to check <http://www.silverkeeper.com> for tips and information about new versions and updates.

There is no Phone support for SilverKeeper. All support questions should be sent to silverkeeper@lacie.com

When contacting SilverKeeper for support help, please provide as much information as possible about your configuration, OS version, and how you have configured SilverKeeper.