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Paragon Boot Camp Backup

User Manual

Contents

Introduction	3
Features Overview.....	3
Features	3
Getting Started	3
System Requirements	3
Installation	3
First Start.....	7
Configure Settings.....	8
Basic settings	8
Scheduling.....	10
Backup.....	11
Restore	13
Merge.....	13
Restore	15
Attach Image	16
Uninstallation	16
Troubleshooting	18

Introduction

Paragon Boot Camp Backup™ is the first backup solution for Windows OS resided on Mac computers under OS X. Apple Boot Camp is a utility that allows you to run Windows OS on a Mac computer. Mac OS X includes built-in backup tools, but they do not support the NTFS-file system and work on the file level only which negatively effects on computer performance. Our program operates on the sector-level and allows backing up an NTFS partition of Boot Camp and creating incremental chains, where each new increment describes the changes between the current state of the backup object and the previous state.

In this manual you will find the answers to many of the technical questions, which might arise while using the program.



Our company is constantly releasing new versions and updates to its software that is why images shown in this manual may be different from what you see on your screen.

Features Overview

This chapter dwells upon key benefits and technical highlights of the product.

Features

Let us list some of the features:

- **Sector-level backup** – to create file system backups;
- **Backup to VD** – to store your data in a virtual disk. You can mount this disk and access the partition data at a point in time, when backup was done;
- **Incremental imaging** – to only backup of changed sectors. Incremental imaging improve backup efficiency and reduce storage disk space required by the image;
- **Schedule backup** – to automate regular backup operations;
- **Selective restore** – to easy extract files and folders from a backup image without the need for restoring an entire image;
- **Windows migration** – to migrate Windows OS from one Mac computer to another.

Getting Started

In this chapter, you will find all the information necessary to get the product ready to use.

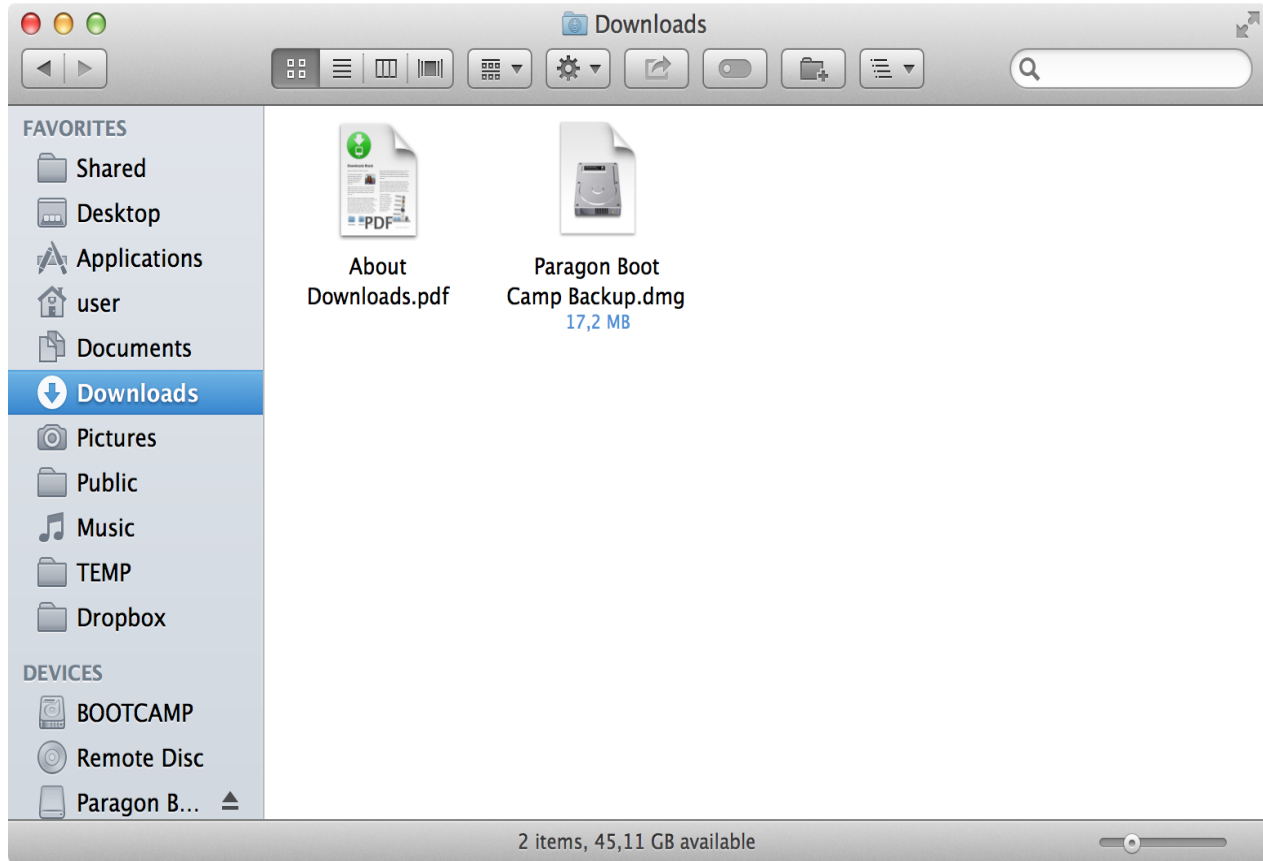
System Requirements

Before you begin the setup process, make sure your Mac computer has Mac OS X 64bit 10.7 - 10.10.

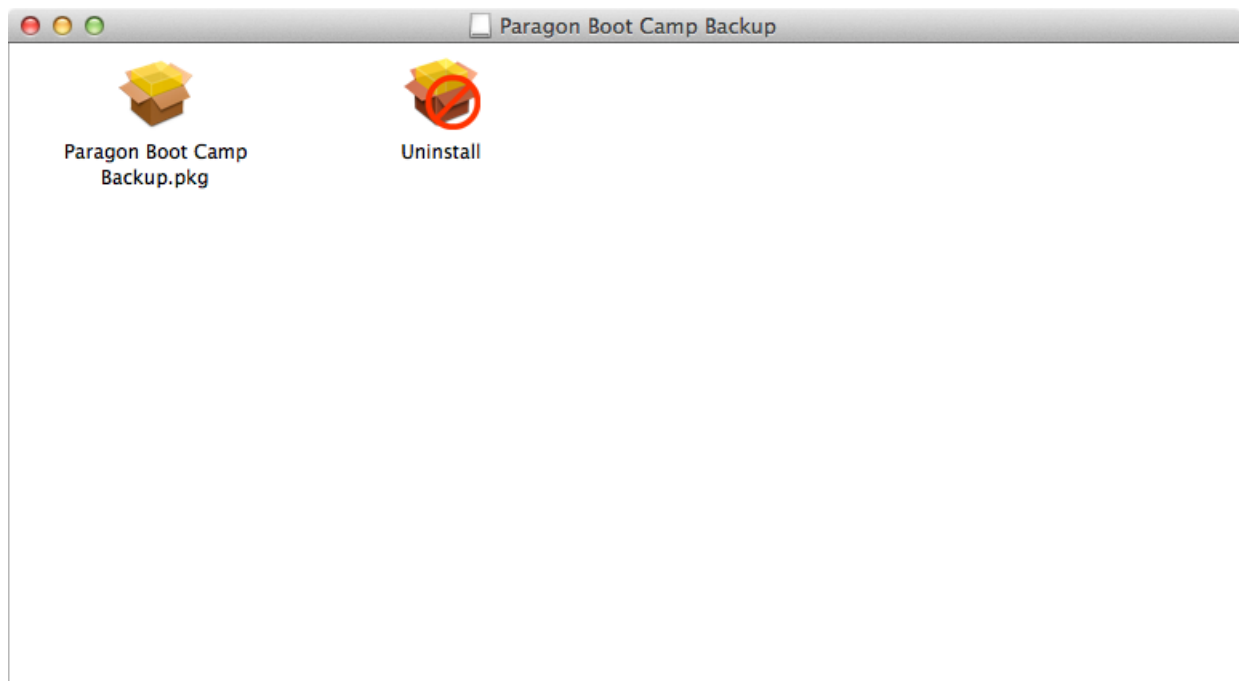
Installation

To install the product perform the following steps:

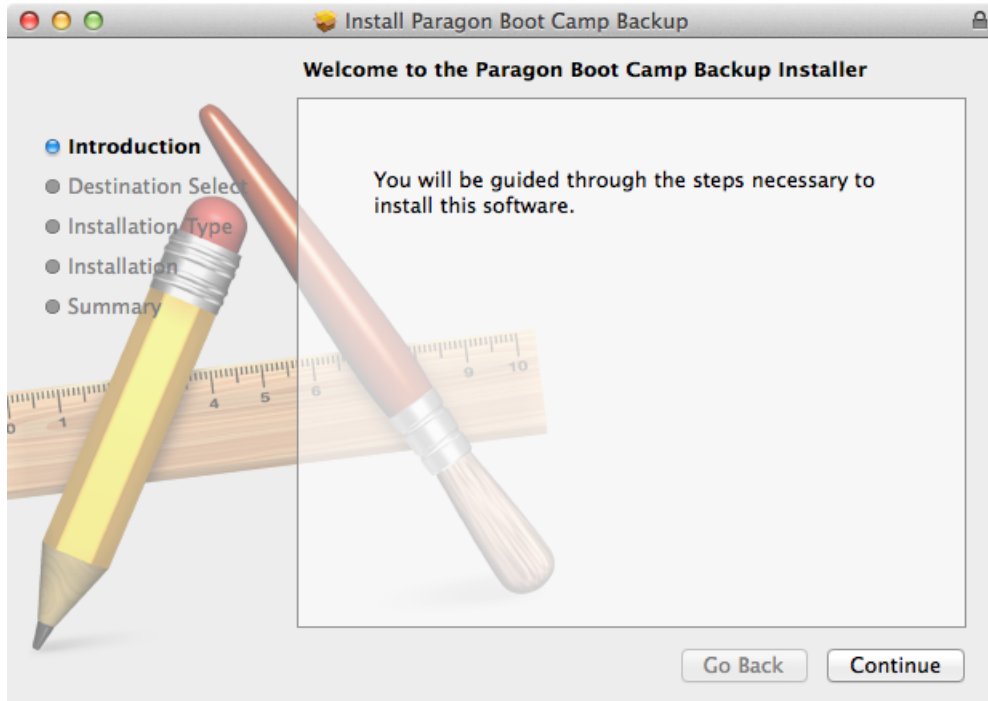
1. Download the **Paragon Boot Camp Backup.dmg** file.



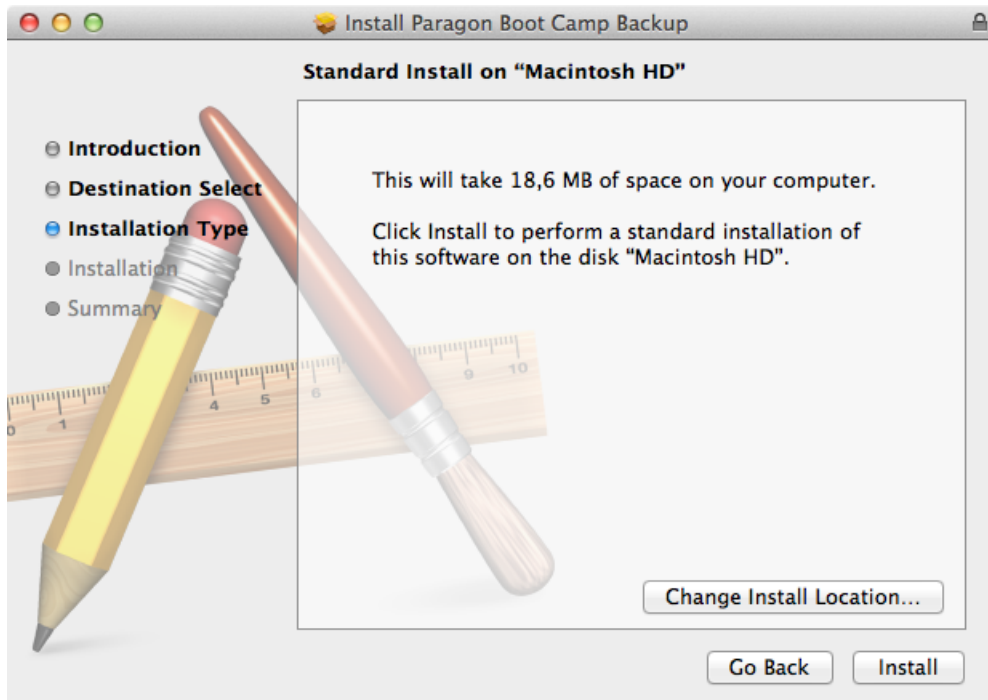
2. Double-click the DMG-file to open and run **Boot Camp Backup.pkg**.



3. Click the **Continue** button on the Welcome page.



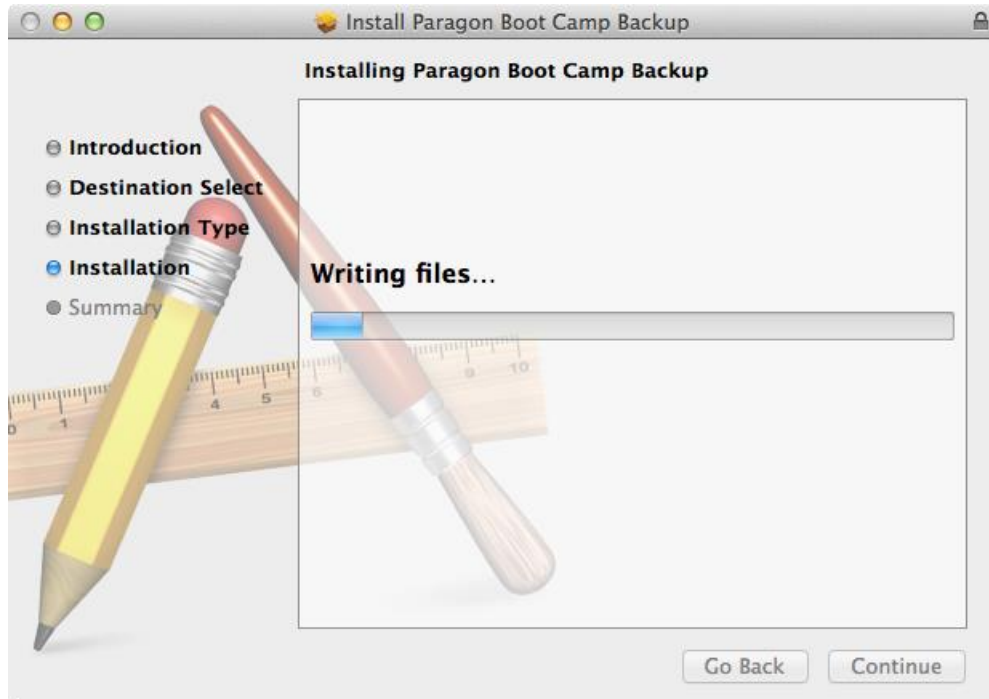
4. Click the **Install** button and confirm your password with the administrator privilege to continue.



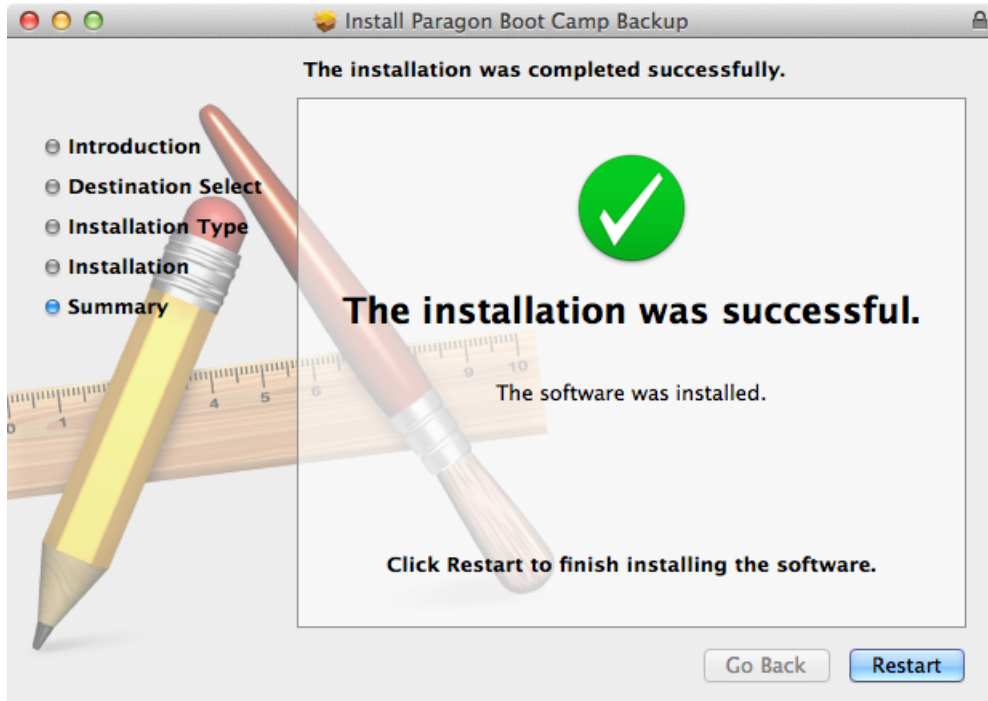
5. Click the **Continue installation** button to confirm the product installation.



6. The installation may take several minutes to complete.



- Finally restart your Mac computer to finish the installation.



First Start

After the installation, the **Boot Camp Backup** icon appears in two places:

- In the **Applications** folder:



2. And in the menu bar as a Windows-type icon:



You will be warned via the corresponding icon that program is not configured. Use the **Open Application** operation to open and configure.

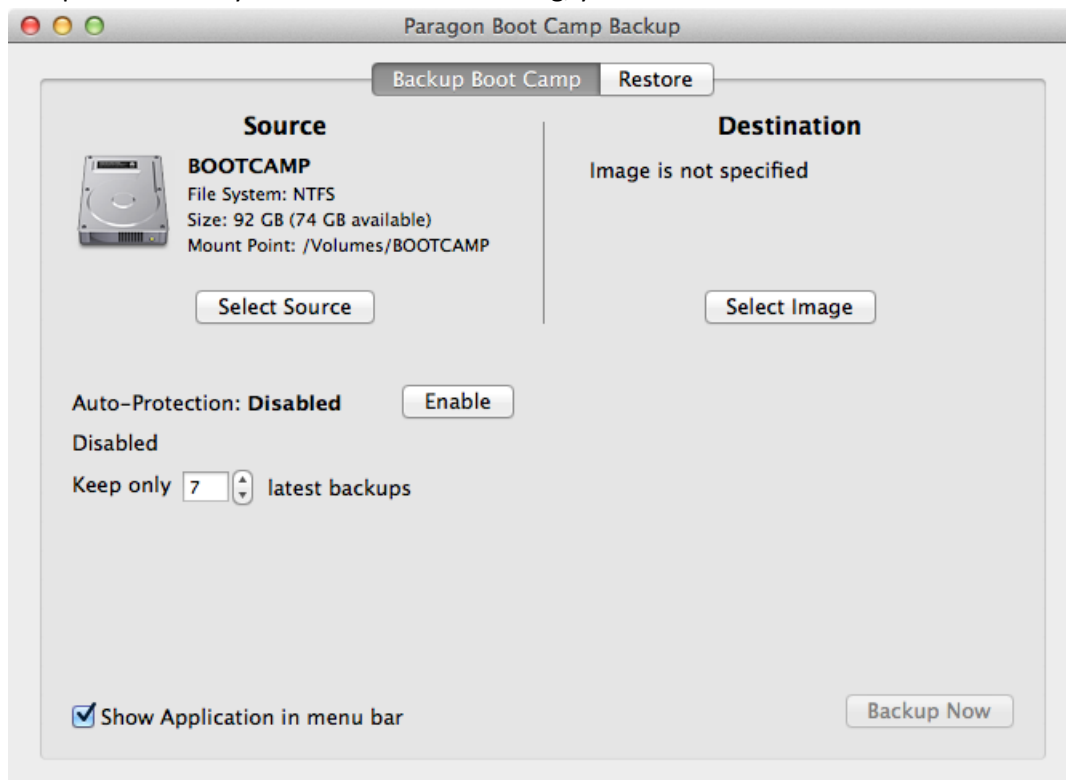
Configure Settings

The main program window has two tabs: **Backup BootCamp** and **Restore**. In this chapter, we take a closer look at the **Backup BootCamp** tab. The **Restore** tab is described in the '[Restore](#)' chapter.

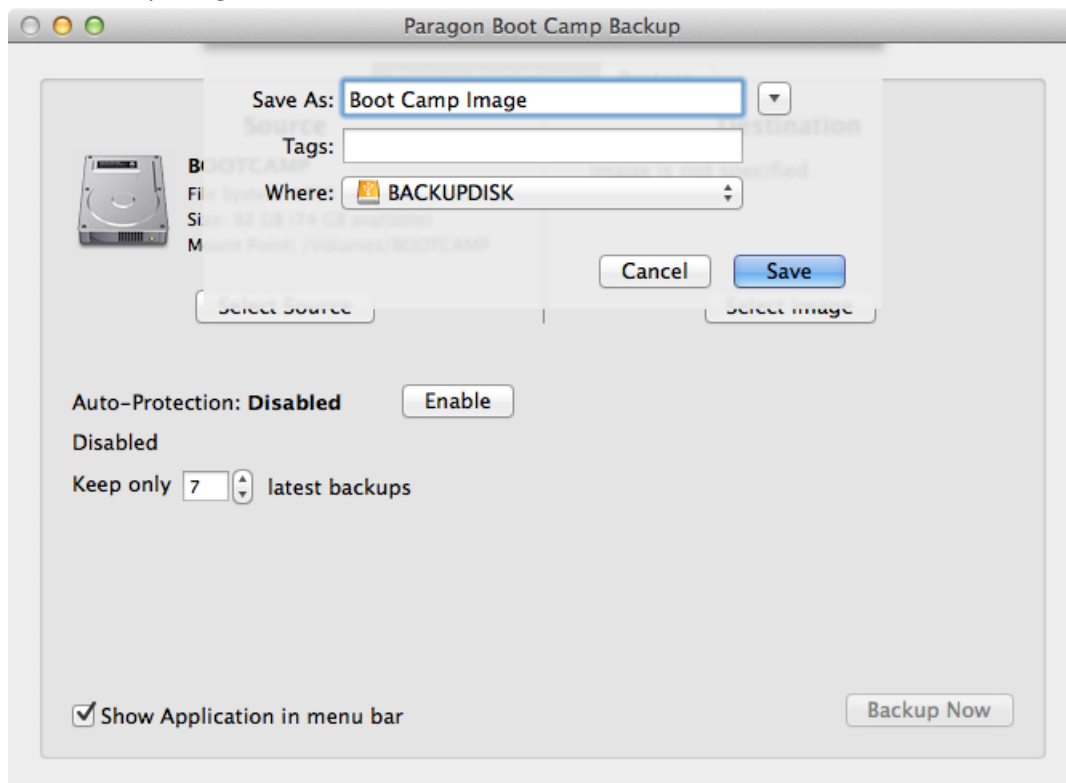
In the **Backup BootCamp** tab, you can find **Source**, **Destination** and scheduler sections.

Basic settings

1. The **Source** section of the **Backup Boot Camp** tab contains a path to Boot Camp. Our product finds Boot Camp automatically but if it does not or wrong, you can use the **Select Source** button for manual search.

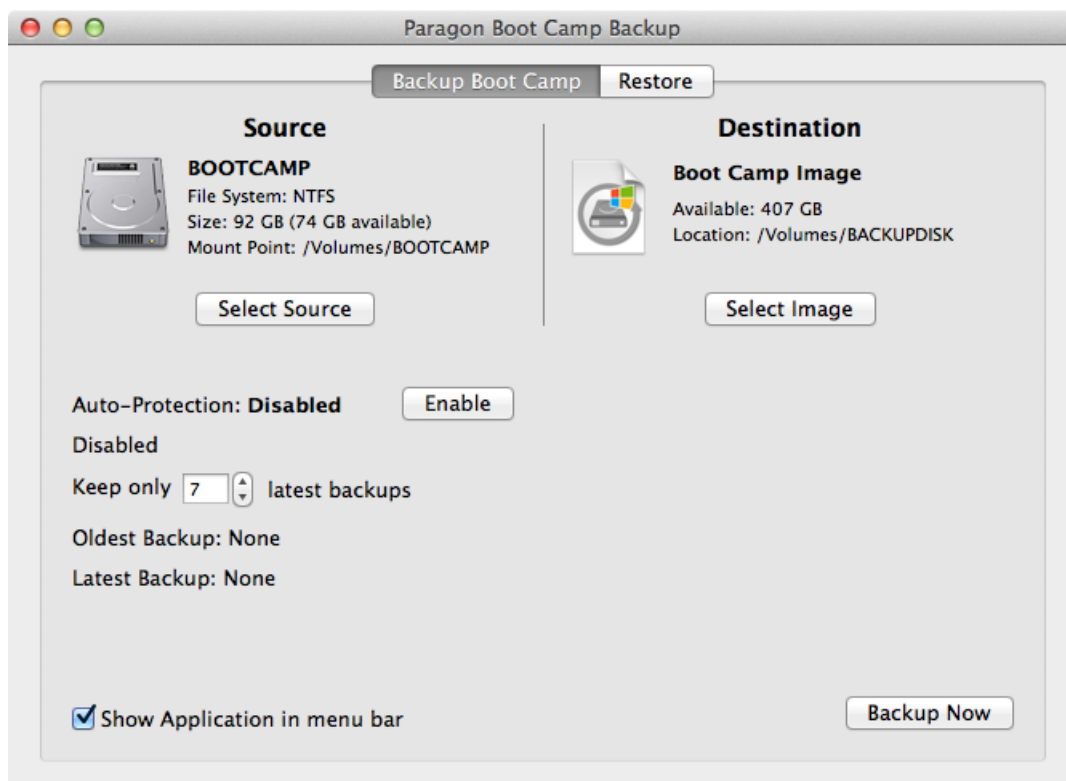


- In the **Destination** section with the **Select Folder** button, specify a path to the folder where you want to store backup images.



To limit the incremental chain length, in the **Keep only** box type or select the number of the backups you want to keep. This number includes a base archive. Above the specified value, the oldest (next to the base archive) increment will be automatically merged with the base archive. The minimum chain length is 1, and the default value is 7.

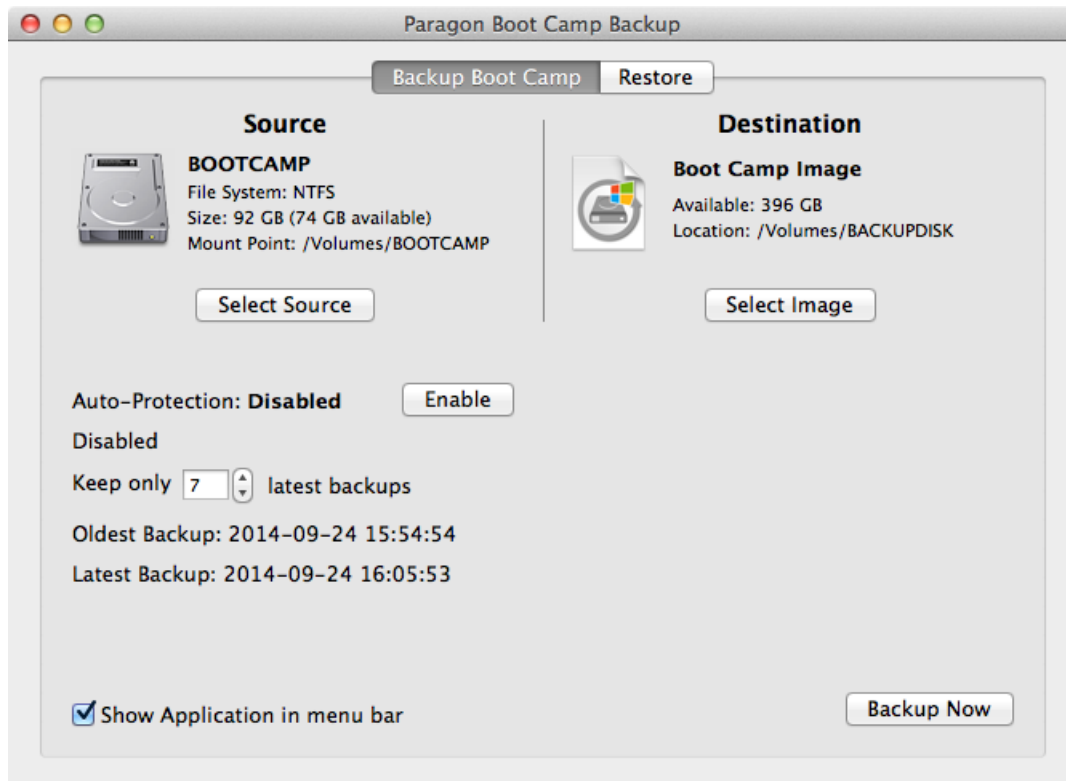
- The program is ready to work now. You can click the [Backup Now](#) button to create a backup image of Boot Camp or continue to [schedule](#) automatic creation of backups.



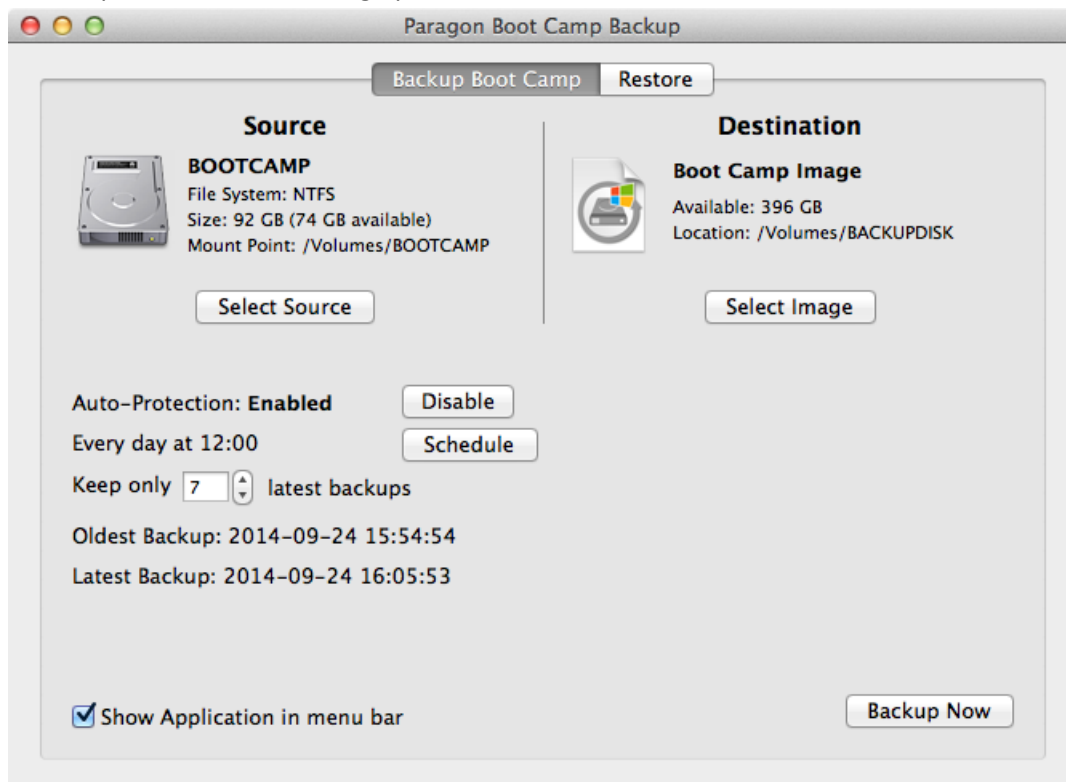
Scheduling

Paragon Boot Camp Backup™ has a special tool for auto-protection of your data. You can set a schedule for backup operation, and backup process will be start at a specified time without interrupting your current activity.

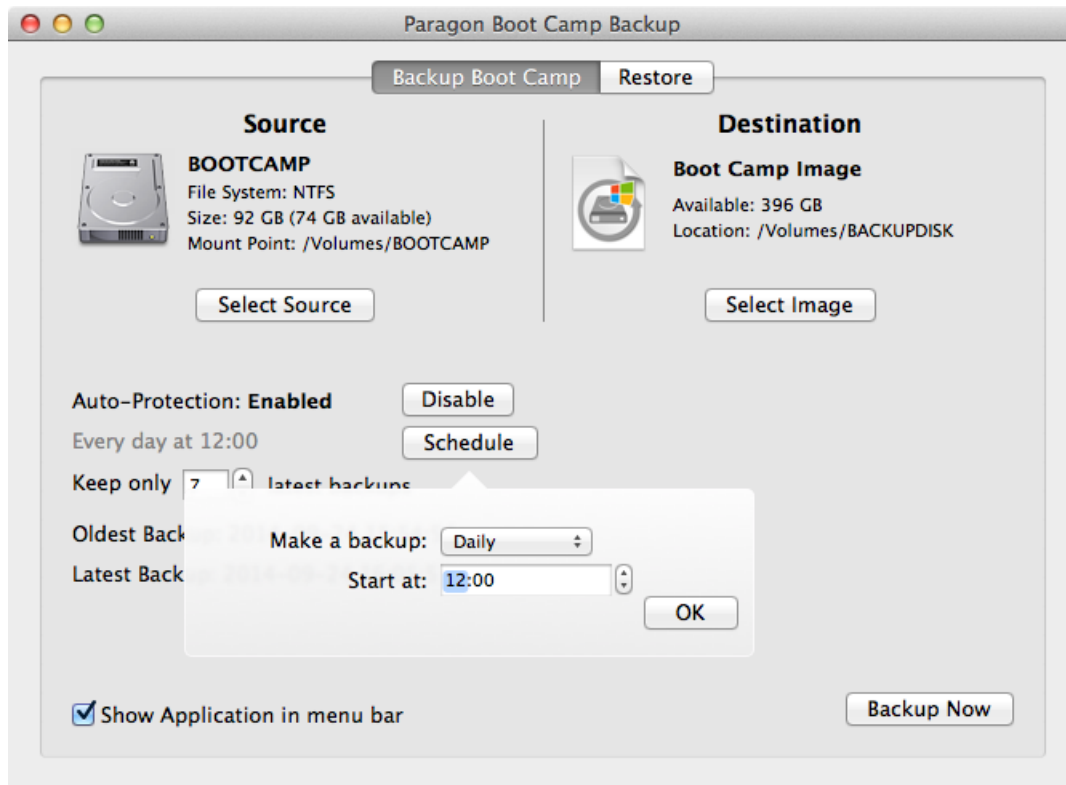
1. By default the **Auto-protection** option is disabled, you can enable it by pressing the corresponding button.



2. On this picture, the scheduling option is activated.



- Click the **Schedule** button and set schedule to do daily, weekly or monthly backups.

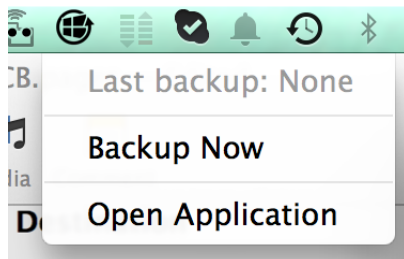


Backup

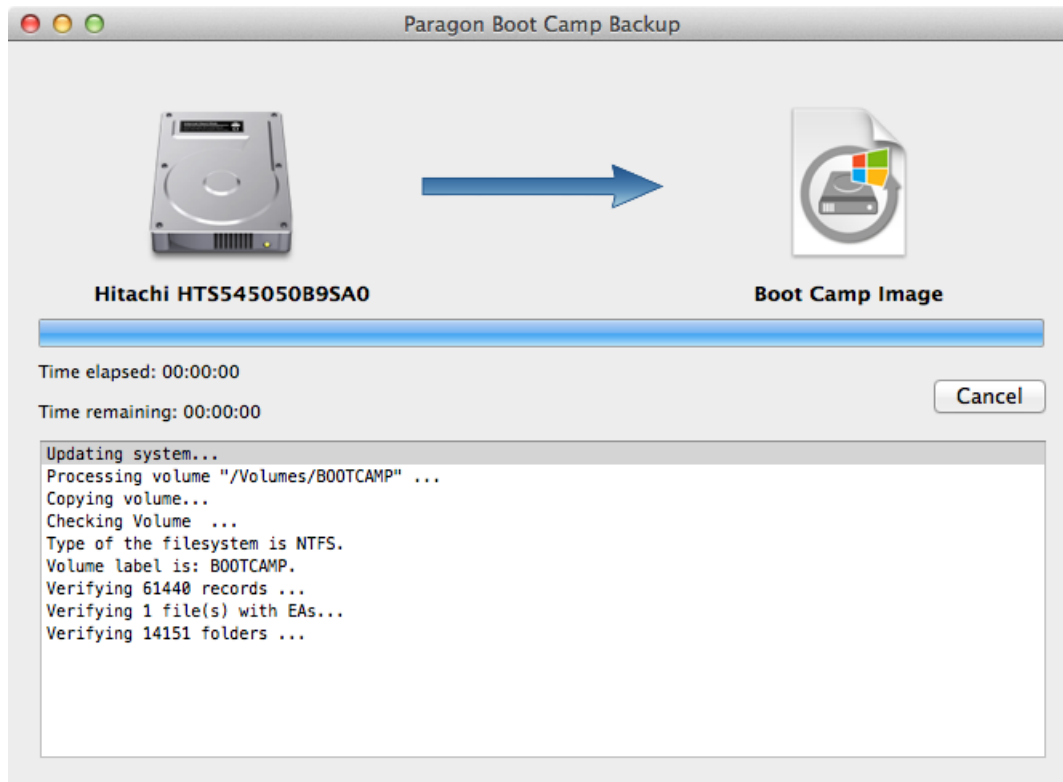
Before run backup operation, make sure that the program properly [configured](#).

To create a base Boot Camp image or an incremental image, if the base image already exists, use the **Backup Now** option.

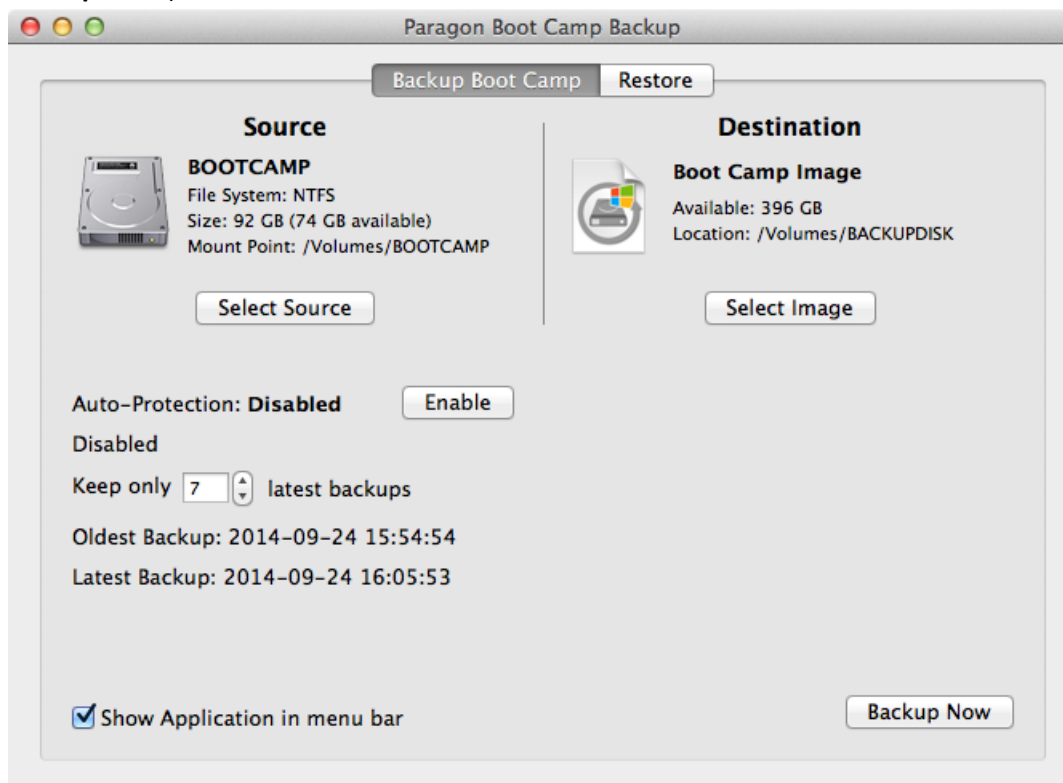
- This option is available in the **Backup Boot Camp** tab of main program window as well as in the menu bar.



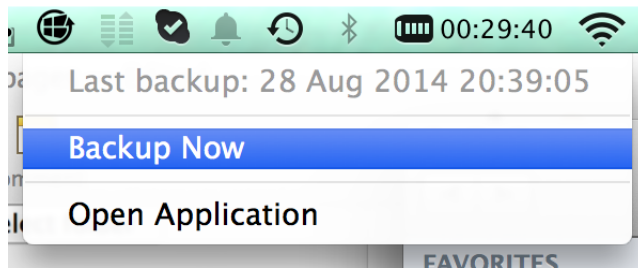
2. This picture shows a backup operation in progress.



3. After completed, in the **Backup BootCamp** tab you can see the archive creation date (**Oldest Backup/Latest Backup** fields).

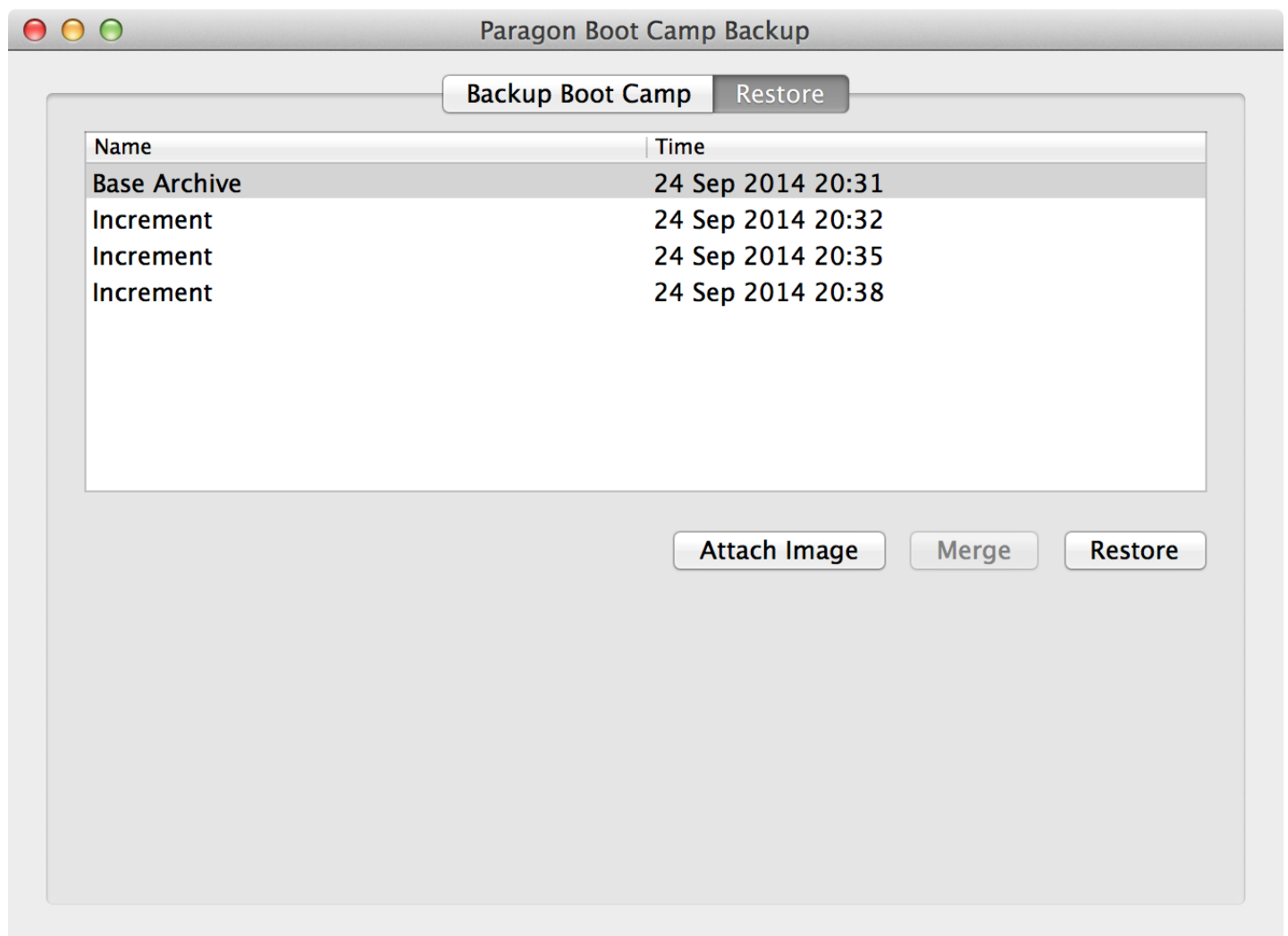


4. This date is also duplicated in the Application Tray.



Restore

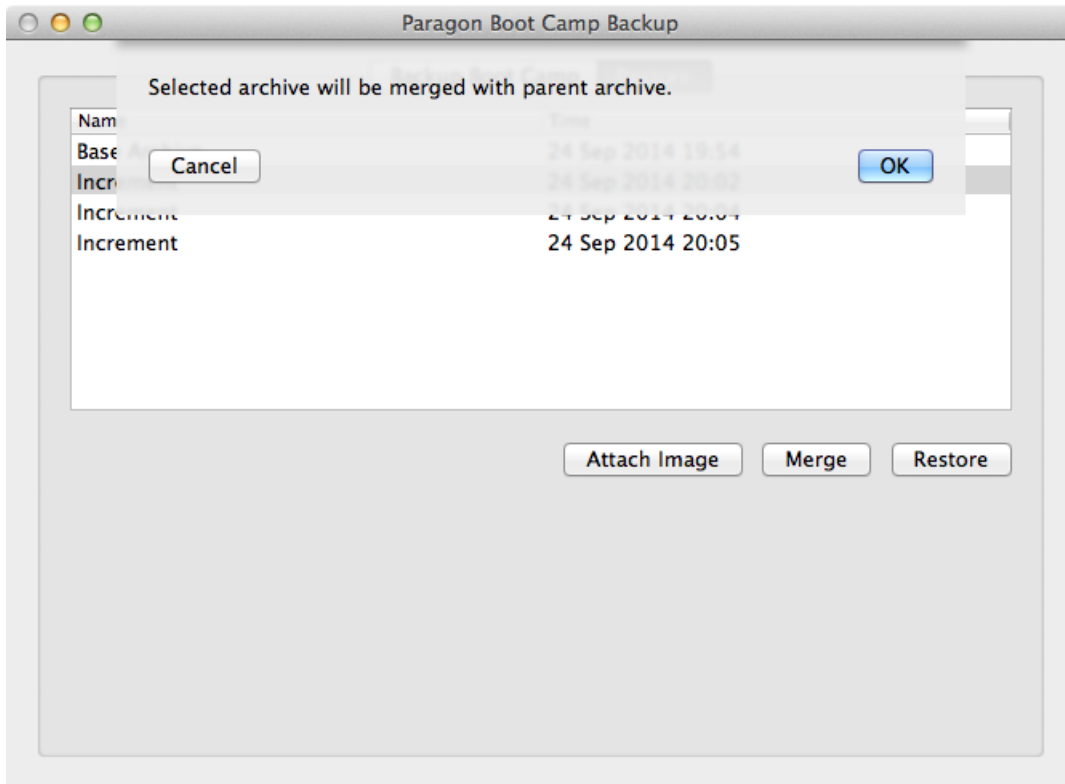
Restore tab of main program window consists the incremental chain with the archive creation dates and three action buttons (**Merge**, **Restore** and **Attach Image**).



You can use **Paragon Boot Camp Backup™** to migrate your Windows system by restoring Boot Camp image on another Mac computer.

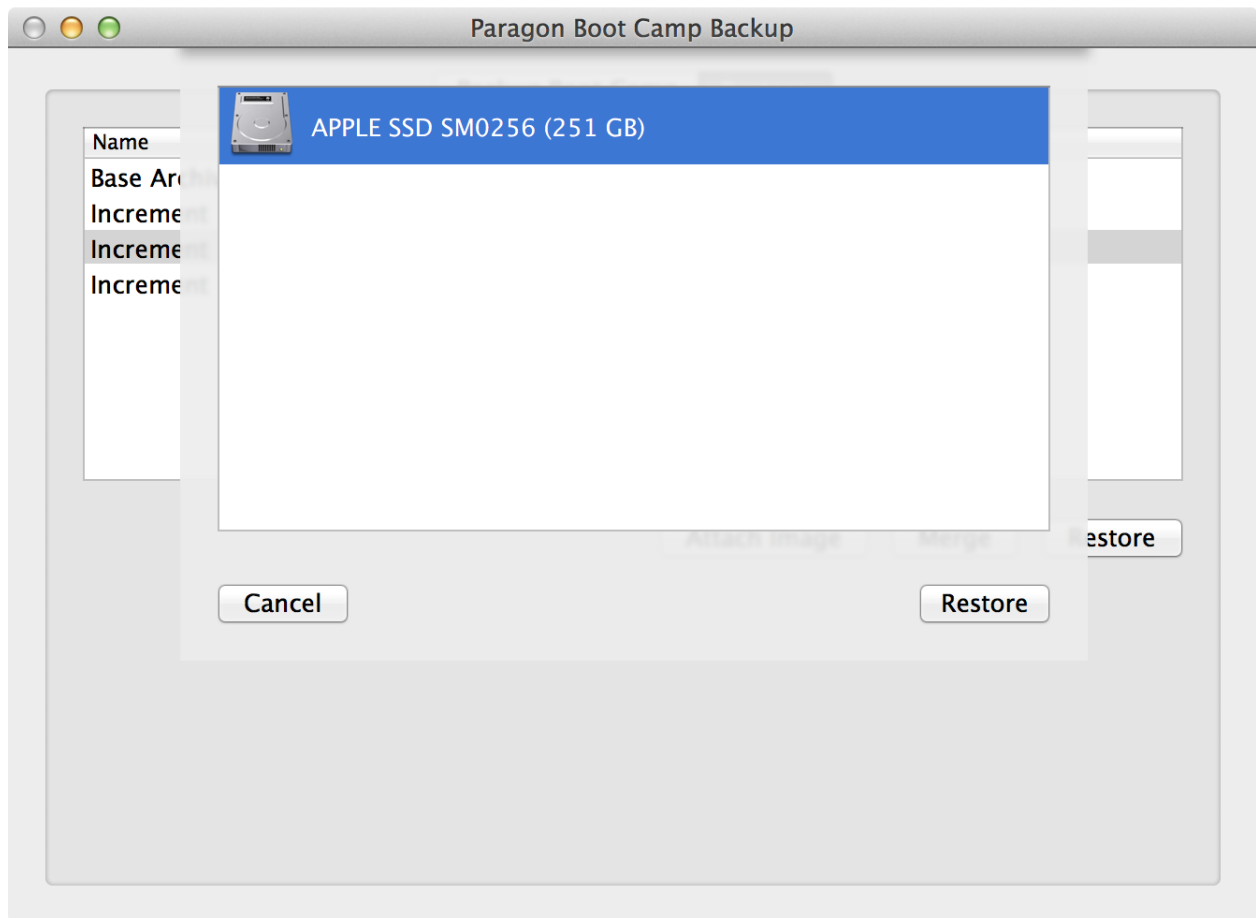
Merge

This option allows merge selected incremental backup image with the previous one. Doing this reduces the restore time and lets you cut down the size of the incremental chain necessary to restore a Boot Camp image.

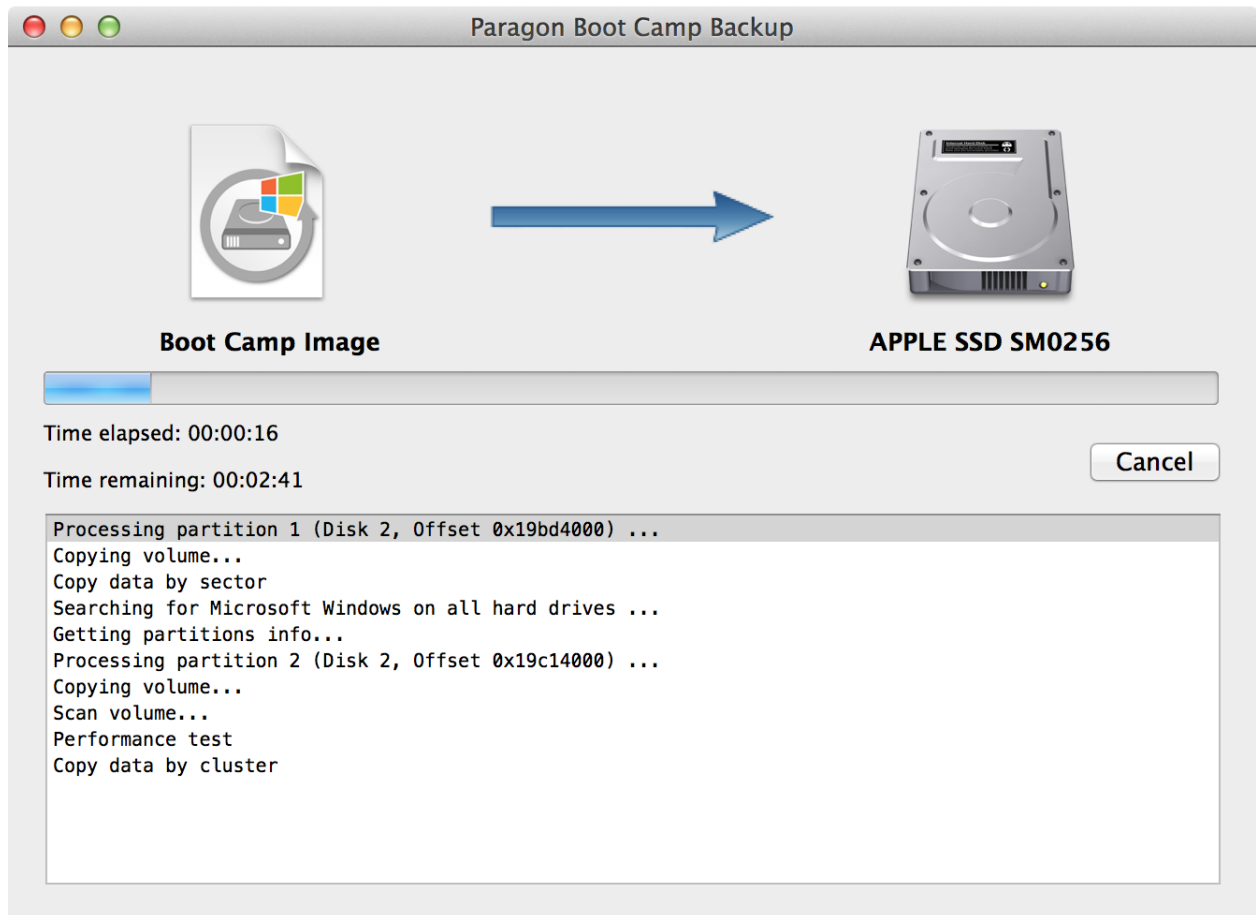


Restore

1. Click this button to restore selected image on the specified disk; the program automatically restores the base archive and incremental chain up to the specified image.



2. This picture shows a restore operation in progress.



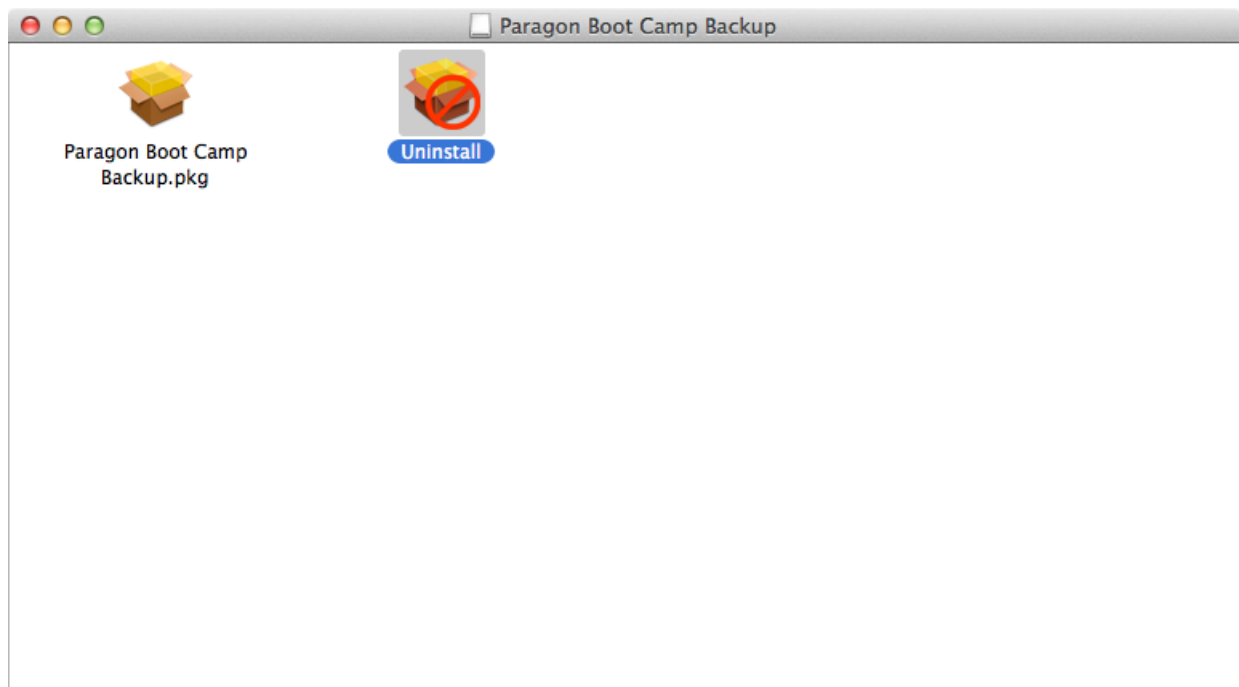
Attach Image

The program allows performing restore of separate archive items. Mount a required image in the read-only mode and extract files and folders from the archive without the need to restore an entire image. When restore has been completed, eject the image using the Finder or Disk Utility.

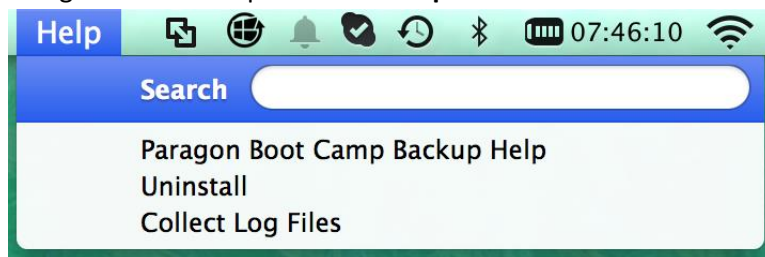
Uninstallation

There are two ways to uninstall the program:

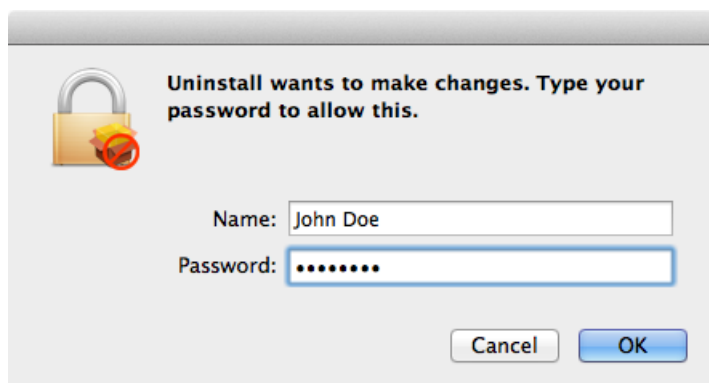
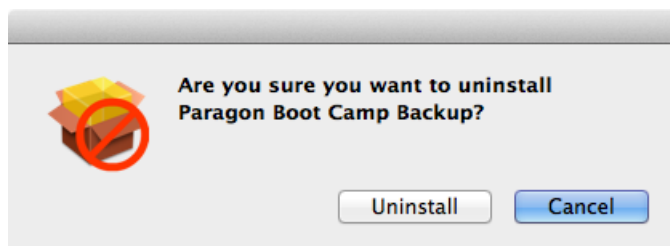
1. Double-click the DMG-file to open and run **Uninstall** file.



2. Using an **Uninstall** option in the **Help** menu.



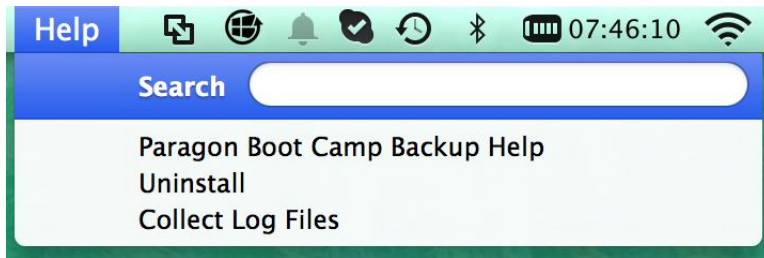
3. Click the **Uninstall** button and confirm password with the administrator privilege to continue.



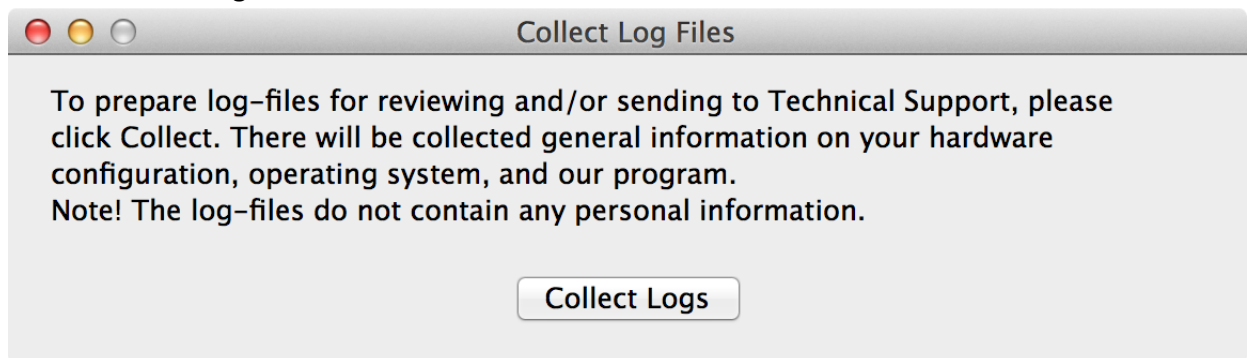
4. Restart your Mac computer to finish the uninstallation.

Troubleshooting

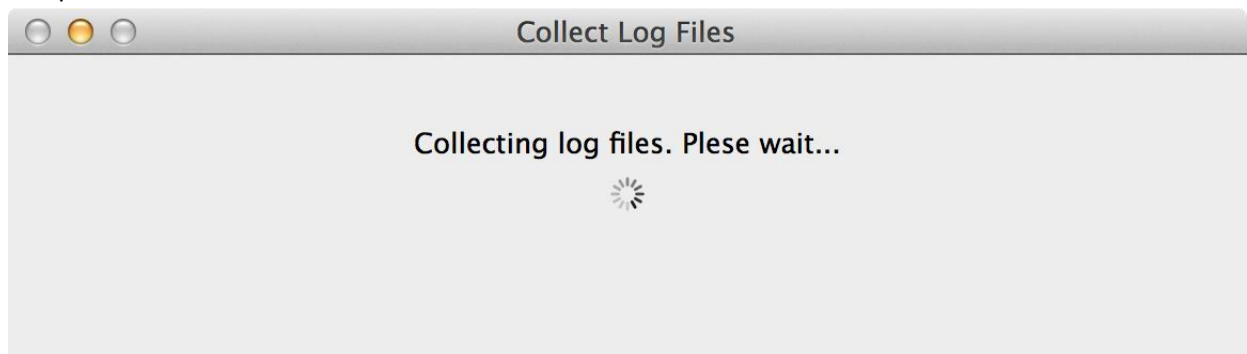
Use the **Collect Log Files** option in the **Help** menu to collect logs that can be used for troubleshooting by Paragon Technical Support.



1. Click the **Collect Logs** button to continue.



2. The process can take a few minutes.



3. After completed, you can find the highlighted zip-archive of the collected logs in the **Finder** window.

