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# Paragon CampTune

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*Quick User Guide*

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## Introduction

Paragon CampTune will help you redistribute free space between Mac and Windows volumes in Boot Camp with minimal effort. Until now redistribution of free space between partitions of a Boot Camp configuration has been a long, time-consuming and tedious procedure. It meant spending hours waiting for backup operations to finish, watching for volumes to move their borders and images to be written back. With our application this operation can be done in minutes without restarting your Mac.

This guide will help you use the product at full and tackle many of the technical issues that might arise in the process.

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

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## Features Overview

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

### Key Features

- Redistribution of free space in a Boot Camp configuration directly from live macOS
- Extremely easy to use as it requires no additional configuration after installation
- Complete support of 10.11 El Capitan, 10.12 Sierra, 10.13 High Sierra
- Complete support of Windows XP/Vista/7/8/10
- Embedded SIP management utility
- Advanced support system to help you submit correct support requests with operation logs and all necessary information with minimal time and effort
- Improved product activation that includes online and offline options

### Supported Media

- Ultra high capacity disks (up to 10 TB tested)
- IDE, SCSI and SATA/eSATA disks
- SSD (Solid State Drive)
- Thunderbolt, FireWire (i.e. IEEE1394), USB 1.0, USB 2.0 , USB 3.0, ZIP® and Jazz® disks
- PC card storage devices (all types of flash memory, etc.)

## Getting Started

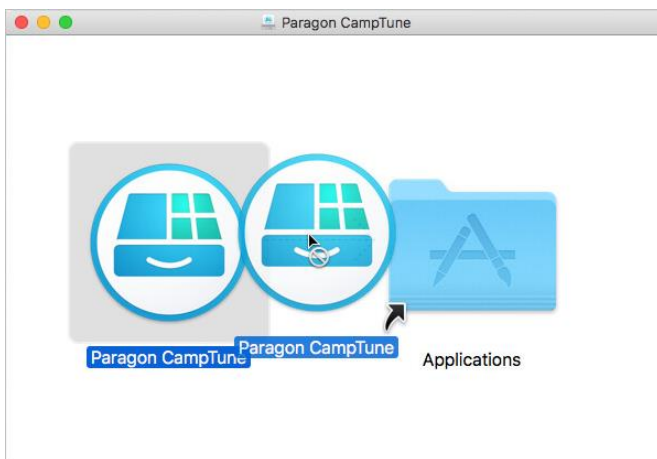
In this chapter you will find all the information necessary to get the product ready to use.

### System Requirements

- An Intel-based Mac computer accommodating a Boot Camp configuration
- 10.11 El Capitan, 10.12 Sierra, 10.13 High Sierra
- 512 MB of RAM

### Installation

1. Double click the supplied .dmg image.
2. Drag the program's icon to the Applications folder.



3. After the installation you can see an icon of Paragon CampTune in the Applications folder. Double click the icon to launch the utility.

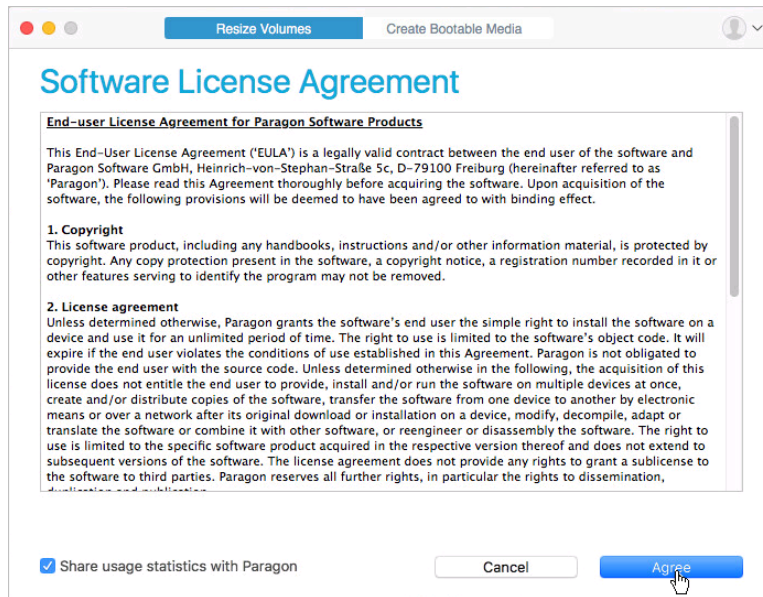


### First Start

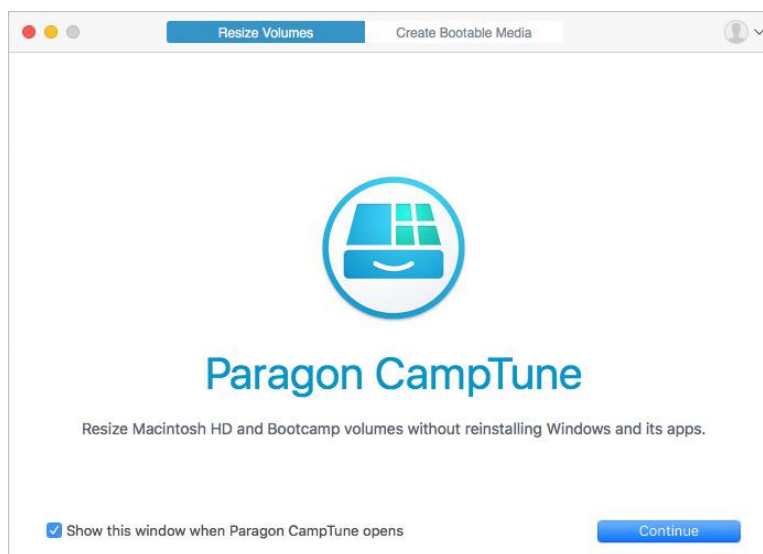
Once started, you will see Paragon's license agreement. You should accept its terms and conditions in order to proceed. Thus please read the agreement thoroughly.

By default our application is configured to share operation statistics with Paragon in order to improve it more effectively and accelerate the development of future releases. Please note that collected statistics doesn't contain

any personal information. Anyway, if you don't want to share the statistics, please unmark the corresponding checkbox in the bottom left corner of the window.

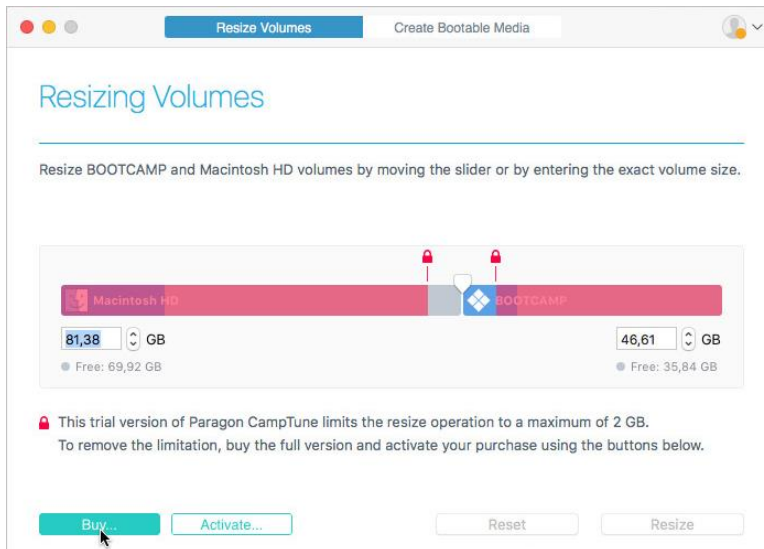


If you have agreed to the license's terms and conditions, the welcome page will appear. If you don't want to see it anymore, just unmark the corresponding checkbox. Click **Continue** to get to the main view.



## Activating the Product

Paragon CampTune is a commercially distributed product, which is however can be tried for free with one limitation – you're allowed to redistribute only 2GBs between Mac and Windows volumes. If you need more, please buy and activate the utility.



You can remove the trial limitation at any moment. The recommended procedure requires an active Internet connection. However, if you don't have the Internet on the target computer, you can try [an offline option](#).

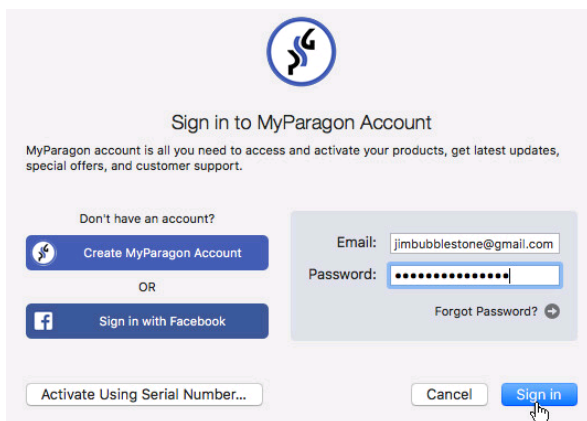
1. First you should purchase the product. The easiest way is to use a direct link to Paragon's e-shop:
  - Launch the management interface of Paragon CampTune: **Applications > Paragon CampTune**;
  - Click on **Buy...**
2. As a result you should obtain a serial number. Click on **Activate....**

### Online Activation

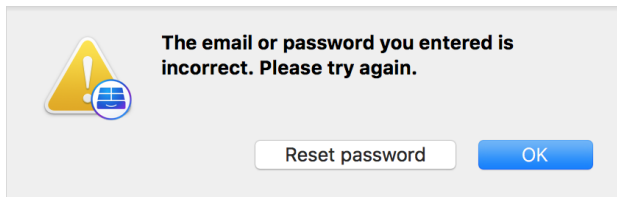
There are two ways of activating the product over the Internet: [with login to MyParagon Customer Portal](#) or Facebook and [without it](#). We highly recommend you to use the first option to let us offer you personal discounts in the future. Besides, you will be able to issue support tickets directly from the product.

### Activating with login

3. In the opened dialog enter an email and password of your Paragon's account, then click **Sign in**. If you don't have an account yet, please create it by clicking the corresponding option. Alternatively, you can sign in with your Facebook account.



If the provided credentials are invalid, you will be prompted to reset your password.

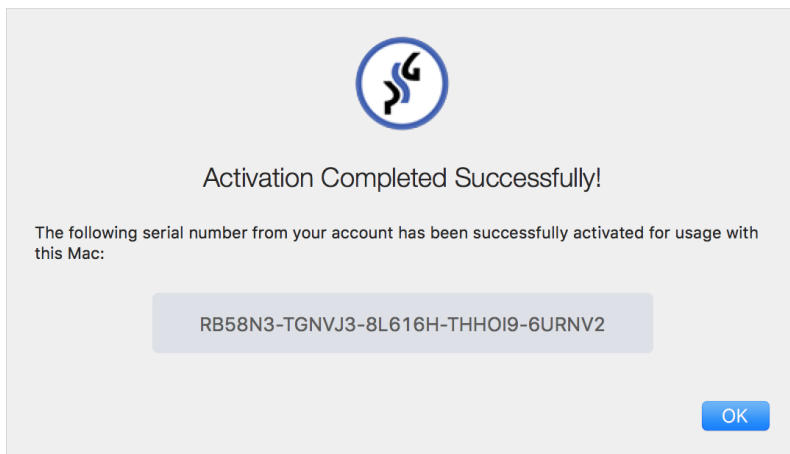


**Request Password Reset**

Please enter the email address you used to sign up for a MyParagon account. We will send you an email containing a link to reset your password.

Email:

4. If you have purchased the product online as described in the first step, then the product activation will be completed automatically after signing in to your account. If having to do with a box version, you will need to enter your serial number. This info will be sent to our activation server to complete the procedure.



### Activating without login

3. In the opened dialog click **Activate Using Serial Number...**

**Sign in to MyParagon Account**

MyParagon account is all you need to access and activate your products, get latest updates, special offers, and customer support.

Don't have an account?

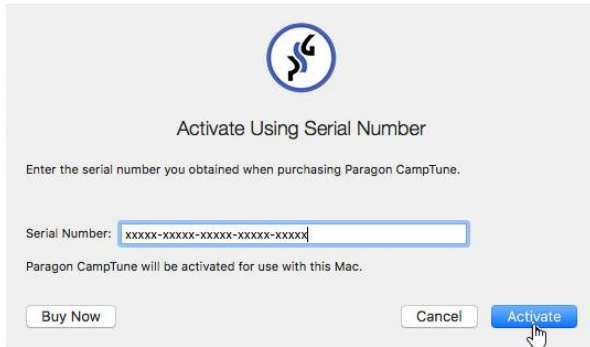
OR

Email:

Password:

[Forgot Password?](#)

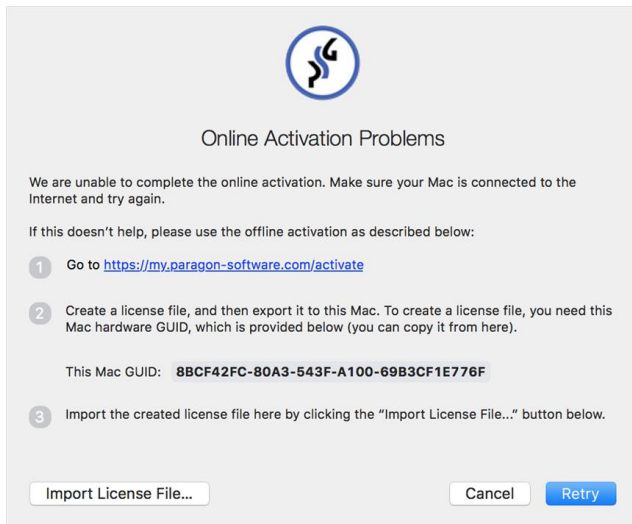
4. Enter your serial number, then click **Activate**. This info will be sent to our activation server to complete the procedure.



5. If a success, the trial limitation will be removed.

## Offline Activation

1. If having problems with the Internet or specifically configured Firewall at login to your Paragon's (Facebook) account on the target computer, the wizard will offer you to try an offline option. Before you proceed, write down your GUID and the provided link somewhere.



2. Use the saved link on any computer with the Internet to visit the company's website to sign in to your Paragon's (Facebook) account.

## MyParagon Customer Portal

You can use your personal customer account to submit a support request to the technical support and track the status of your requests, manage your software licenses, download your software or the latest update, or obtain an upgrade at a discount.

### Sign in



[or create an account](#)

[Forgot password?](#)

**Sign in**

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OR SIGN IN WITH

 **Facebook**
  
 **Google**

3. Enter your serial number and GUID in the corresponding fields, then click **Export license file**.

## Offline activation

If you've arrived on this page, chances are you're having a problem activating your copy of a Paragon Software product online.

To resolve this issue, we offer an offline activation procedure, which takes just three simple steps:

1. Create a special license file, which binds the serial number of your product together with a unique identifier for your system (GUID). You can locate the GUID of your computer in the software's offline activation dialog.
2. Export the license file to your computer.
3. Import the license file from your system to the Paragon product installed on the device with the license-bound GUID.

For steps 1 and 2, please enter your serial number and device GUID in the form below to generate the license file. Next, click «Export license file».

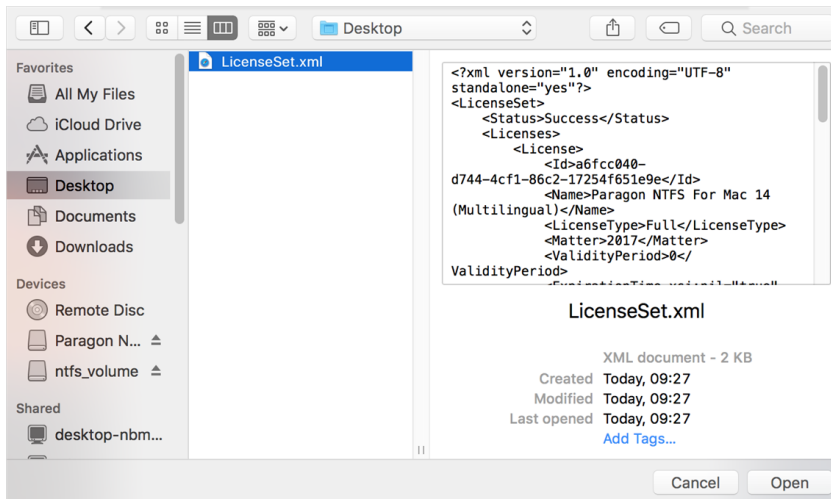
**Export license file**

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OR

When finished, you'll need to switch back to the Paragon Software product and import the created license file.

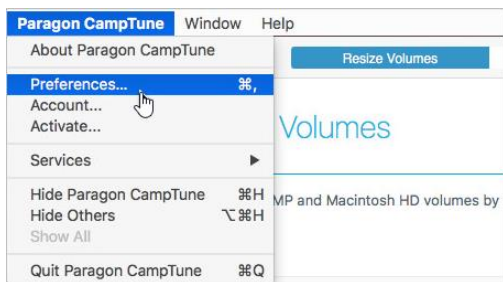
4. If the provided data is valid, you should get the "LicenseSet.xml" file. Copy it to the target computer, then use the **Import License File...** option for the import.



5. If a success, the trial limitation will be removed.

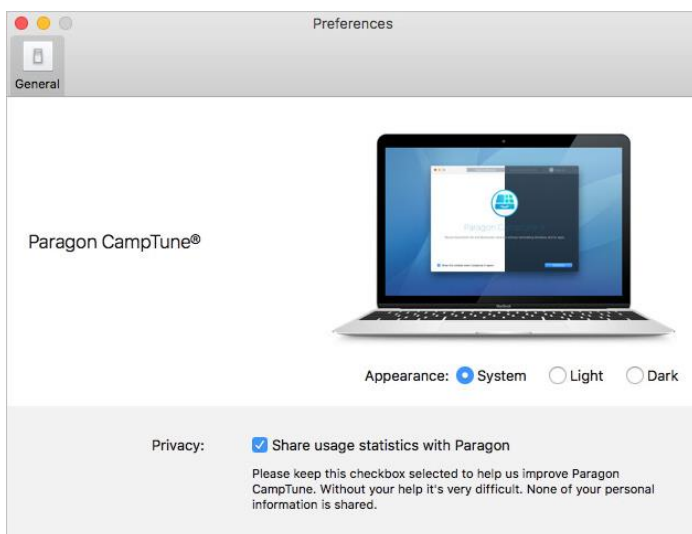
## Configuring the Product

To configure our application, click **Paragon CampTune** in the Menu Bar, then **Preferences...**



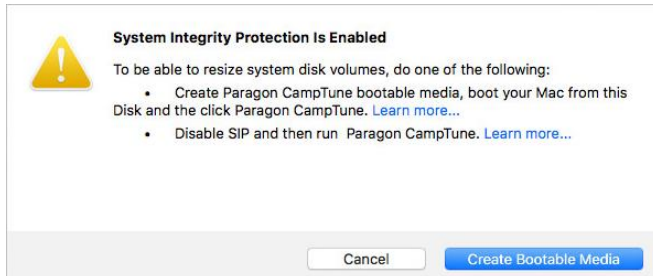
The application environment can be changed by choosing one of the two preset themes or the currently used macOS theme.

By default our application is configured to share operation statistics with Paragon in order to improve it more effectively and accelerate the development of future releases. Please note that collected statistics doesn't contain any personal information. Anyway, if you don't want to share the statistics, please unmark the corresponding checkbox.

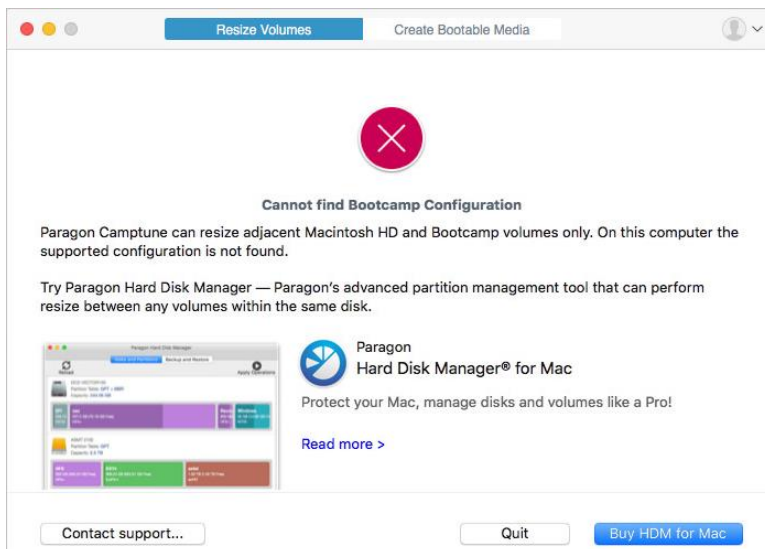


## Redistributing Free Space in Boot Camp

1. [Launch Paragon CampTune](#). If you're running the product on El Capitan or later macOS where the System Integrity Protection (SIP) is enabled, which is on by default, you'll be prompted to create a special recovery disk to do redistribution of free space from it (see the [Creating Bootable Media](#) section). Alternatively, you can switch off SIP and do redistribution directly in macOS (see the [Disabling SIP](#) section).

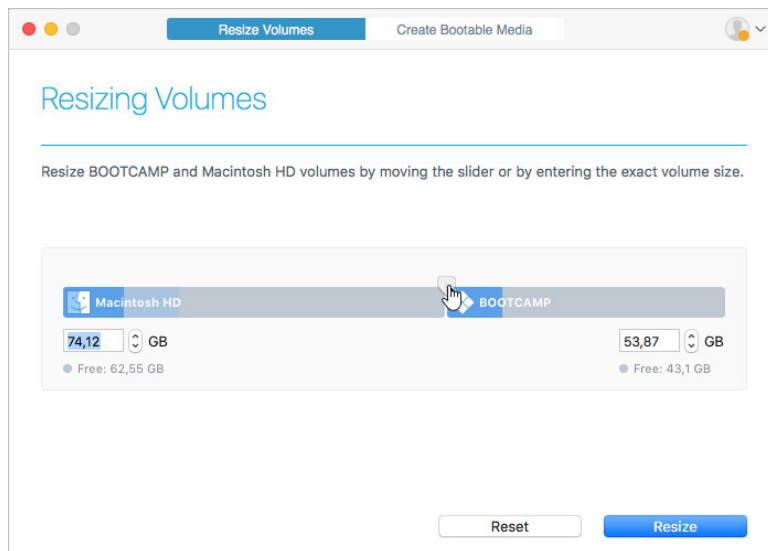


2. First your system will be scanned for a Boot Camp configuration. You will be informed if no Boot Camp has been found or your configuration is not supported.

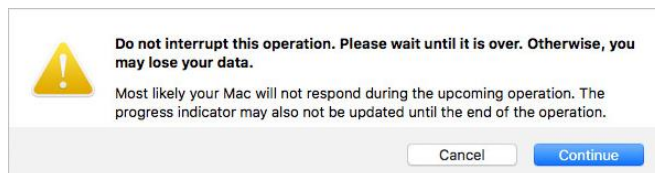


**Note:** Paragon CampTune only supports configurations where Mac and Windows volumes are adjacent (doesn't concern service partitions in between like Recovery HD and MSR). If you have a user volume between your Boot Camp volumes, please use Hard Disk Manager for Mac for redistributing free space. If your Boot Camp configuration should be supported, but it's not, please contact our Support Team.

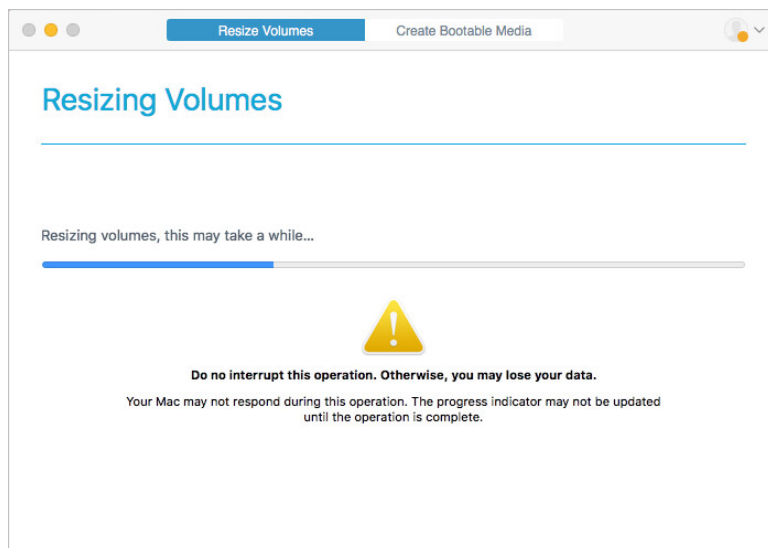
3. If your configuration is supported, move the slider to resize volumes. Please note, when you change size of one volume the size of the other will be changed as well, thus redistributing the unused space between the volumes. When ready, click **Resize**.



4. Your system will be frozen from a couple of seconds up to several minutes during the upcoming operation, which depends on the amount of processed data. This is done to safely resize a volume that hosts a running macOS and applications. Confirm the operation to proceed.



5. Modification of the disk layout according to your changes requires some time, please be patient.

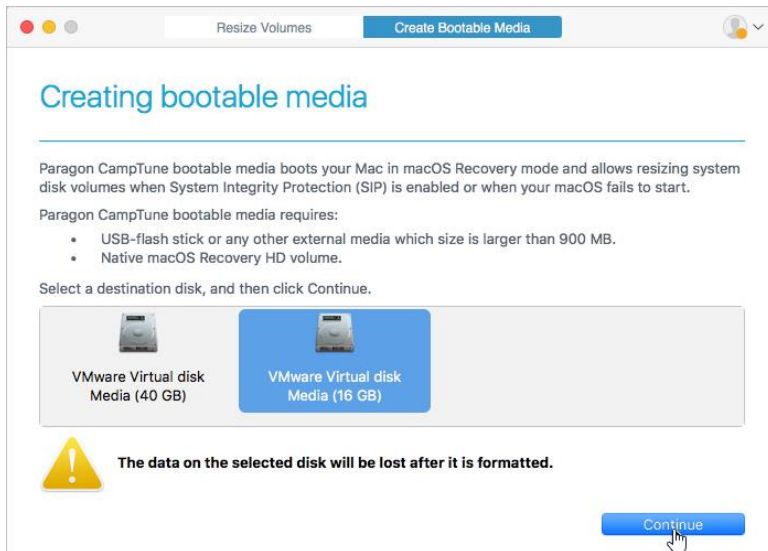


6. You will be notified when done. That's it.

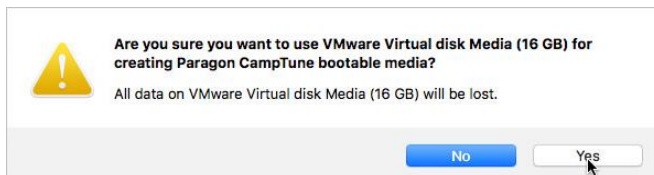
## Creating Bootable Media

Paragon CampTune includes a user-friendly wizard that will guide you through the process of creating our recovery environment on a flash stick or external disk. The only prerequisite is to have the native OS X Recovery HD partition in the system, which is used as the basis.

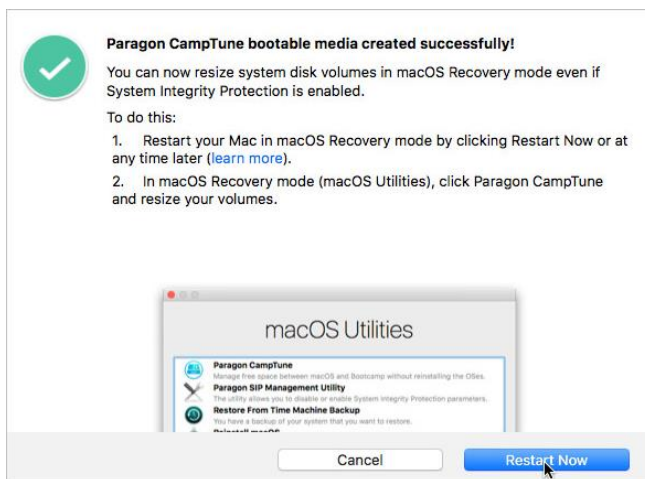
1. Click on the **Create Bootable Media** tab. Choose a flash stick or external disk from the list of available storage devices, then click **Continue**.



2. All data on the selected disk will be lost during the upcoming operation. Since the selected partition may contain important data, please copy it to another location and only then confirm the operation.

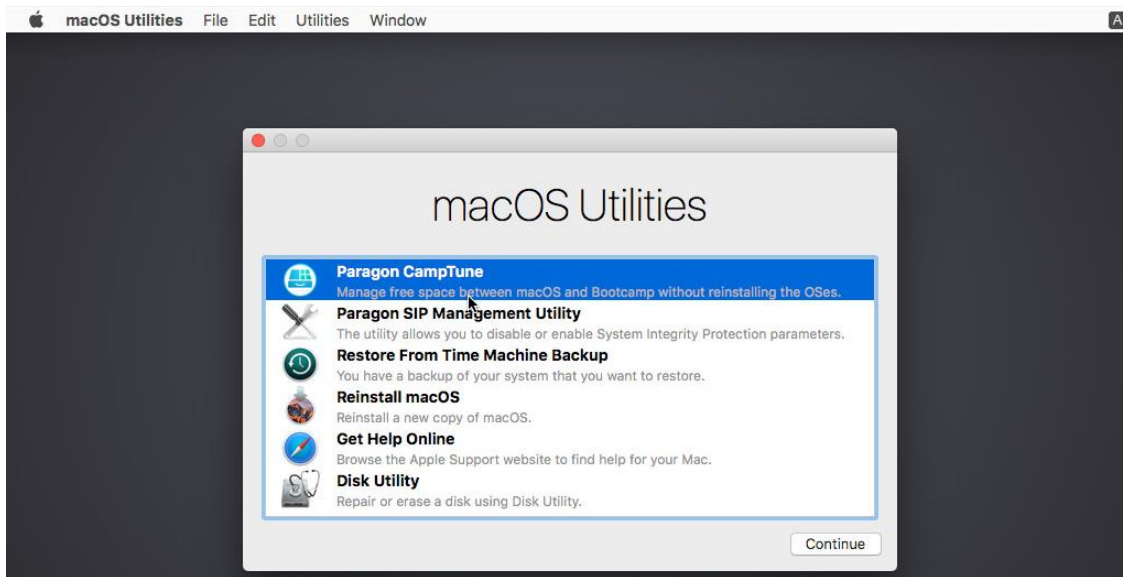


3. The entire process takes a couple of minutes. Once completed, you will be prompted to restart your Mac from the created recovery disk. Click **Cancel** if you decide not to do it right now.



To start up the computer from the recovery disk later you will need to press and hold the **Option** (alt) key during the system restart until the Startup Manager appears, then select **CampTune Recovery macOS...** as boot source. Alternatively, you can use the Startup Disk System Preferences.

4. Select **Paragon CampTune** in the opened menu to redistribute free space between Mac and Windows volumes or **System Integrity Protection Management** to disable/enable all or certain SIP features, then click **Continue**.



## Disabling SIP

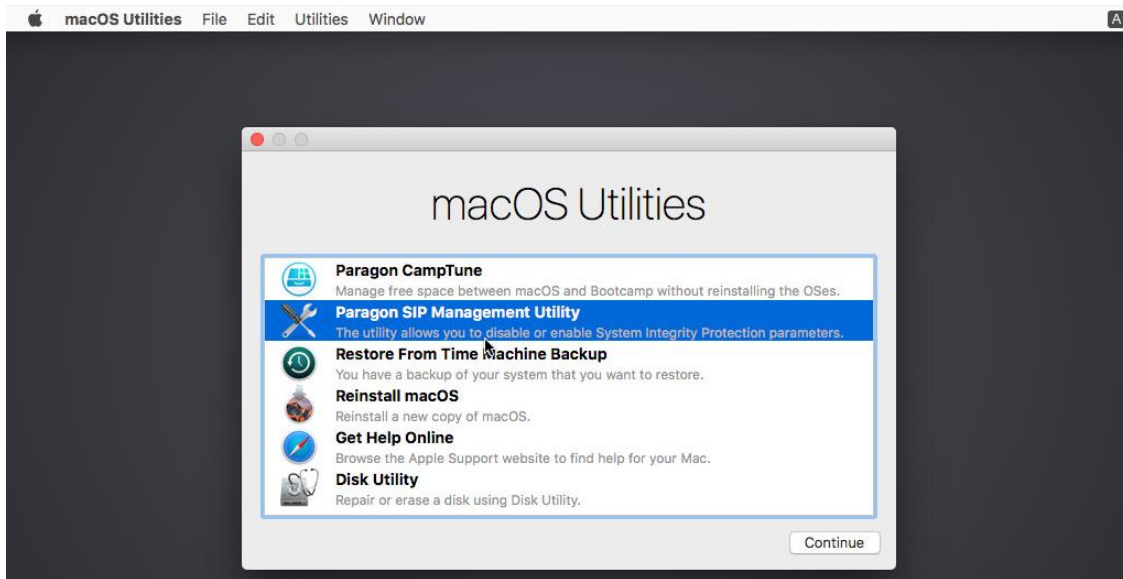
Since El Capitan 10.11 macOS includes a security feature called System Integrity Protection (also known as SIP or “rootless”). It is enabled by default, preventing 3rd party processes from modifying of certain system processes, files and folders regardless if they are launched by the root user or not. Layout of the system disk is not allowed to modify either, that’s why Paragon CampTune is not able to do its job directly in El Capitan until SIP is deactivated.

If you’d like to redistribute free space directly in macOS, please do the following:

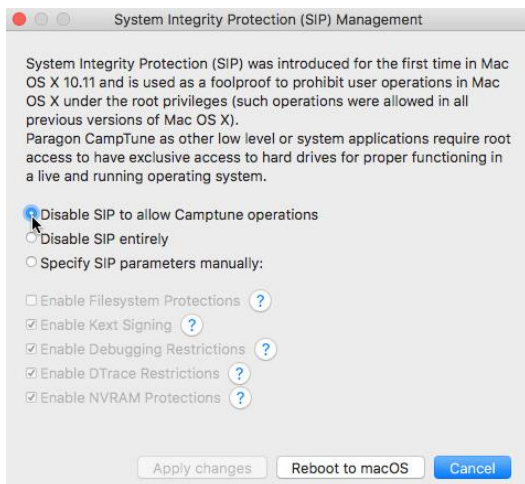
1. [Create the recovery disk.](#)
2. Hold the **Option** (alt) key during the system restart until the Startup Manager appears, then select **Paragon CampTune macOS...** as boot source.



3. Select **System Integrity Protection Management** in the opened menu, then click **Continue**.



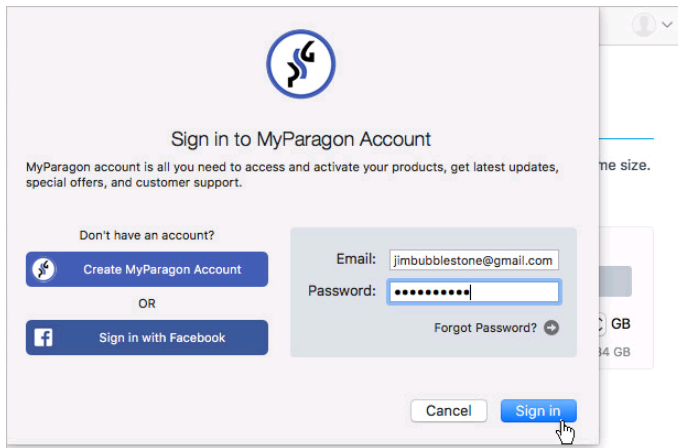
4. Only one SIP feature called “Filesystem Protections” should be disabled to allow modification of the disk layout with Paragon CampTune. However, in our SIP manager you can disable or enable them all or only those you need. When ready click **Apply changes**, then **Reboot to macOS**.



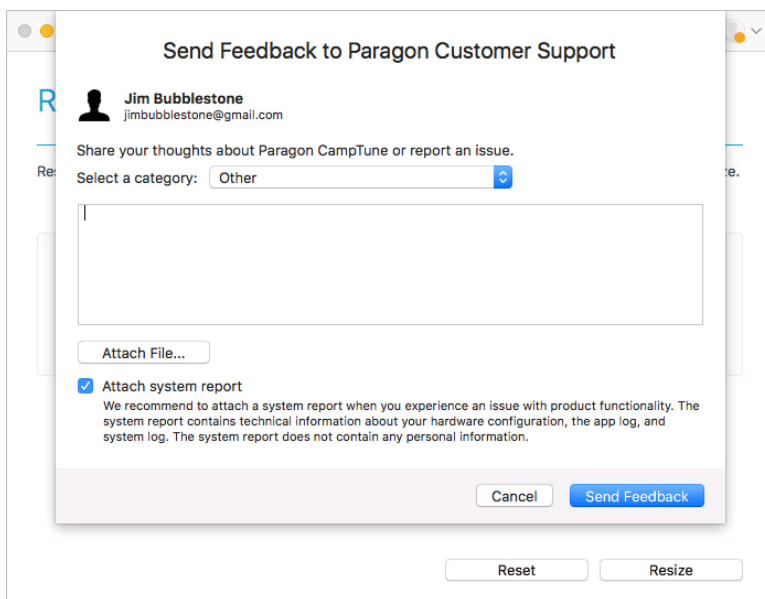
## Submitting a Support Request

In case of having difficulties with handling the product you can address our support engineers for assistance. To help you solve your problem with minimal time, our engineers need operation logs and your brief description. All that can be prepared with a handy dialog.

1. Select **Applications > Paragon CampTune**.
2. Click on the user icon in the top right corner of the window. In the opened dialog enter an email and password of your Paragon’s account, then click **Sign in**. Alternatively, you can sign in with your Facebook account.



3. Click again on the user icon, then select **Contact Support**. Fill out the ticket request form, then click **Send Feedback**. That's all. Our support engineers will get in touch with you in a little while.



***Note:** We respect your privacy, so none of your confidential data will be exposed. The collected operation logs will help our Support Team find and tackle your problem.*