

SeaSonde Radial Suite Release 8 Installation Guide

105.02.1611.IG

Nov 28, 2016

This document will guide you through the Radial Suite R8 installation. These instructions require a Macintosh (Mac) installed with OS X from 10.7.5 to 10.12 and configured for SeaSonde.



Release 8 requires a SeaSonde USB Hardware Key containing a Radial Suite R8 License. If you do not have the USB Key, you should contact CODAR support or sales to obtain one. The key needs to be plugged directly into a computer USB port (NOT the keyboard or other hub) in order for the Radial Suite to run.

Before you start, confirm that the computer meets the minimum requirements for proper SeaSonde operation. You can find the system specs by selecting “About This Mac” under the  menu:

Recommended Configuration

Macintosh Intel (MacPro, MacMini, iMac)
8 GB RAM
100 GB or higher hard disk
OS X **10.11**

Minimal Configuration

Macintosh Intel (MacPro, MacMini, iMac)
4 GB RAM (does not support the use of add-ons like Elliptical Suite)
50 GB hard disk
OS X **10.7.5**

Connectivity requirements

The computer must be connected with Internet access for Radial Web Server to work, for automatic data transfer to the Combine Site, and for full technical support from CODAR engineers.

Running the SeaSonde Radial Suite Release 8 Installer

Notes:

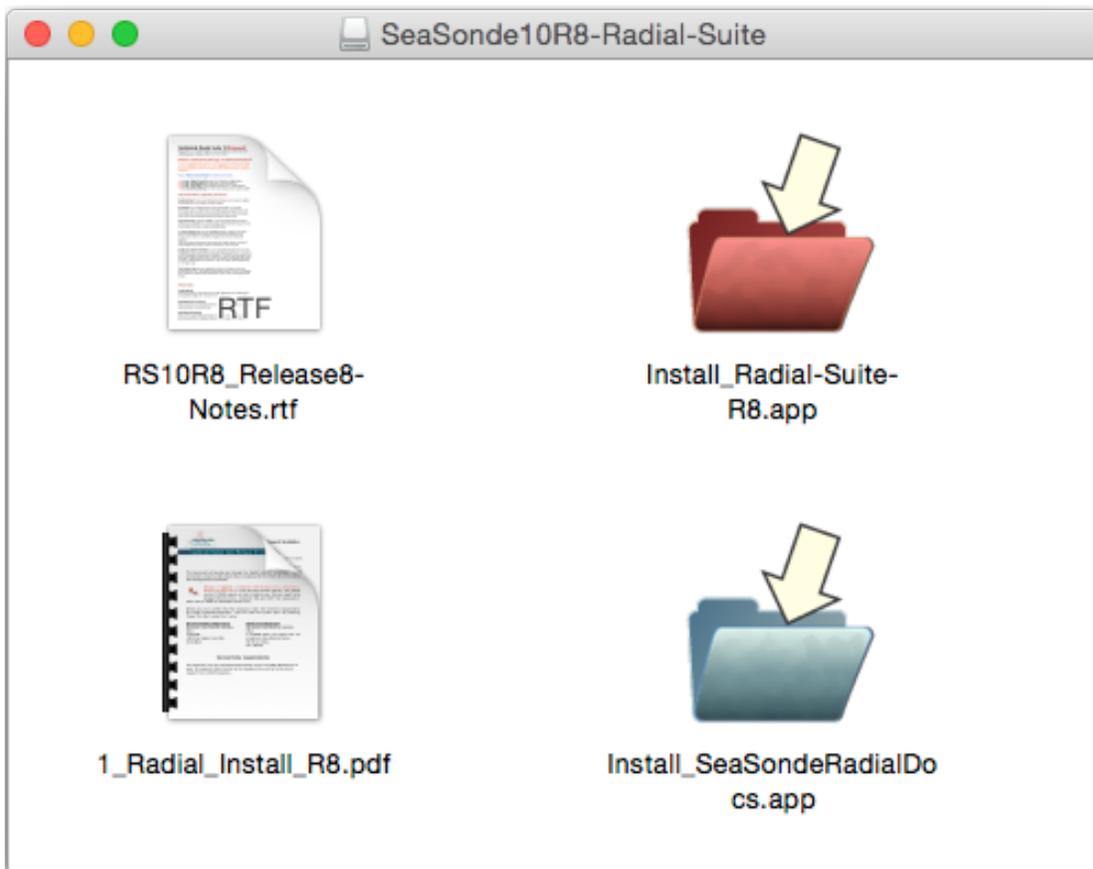
The installer will only install onto the start up volume (hard drive).

If you are upgrading a previous SeaSonde installation, the installer will first quit all known SeaSonde applications.

The installer will not typically overwrite or delete existing data or configuration files; however, CODAR cannot be held responsible for any lost data. You should always **backup** your important data and configuration files before running any installer. Release 8 installer will backup existing configuration files and replace some existing ones.

To Install SeaSonde Radial Suite from the installer disk image, follow the steps below:

Double-click the disk image SeaSonde10R8-RadialSuite.dmg. A window will appear showing its contents.



Installation Files

RS10R8_Release8-Notes.rtf – release notes, documents the changes between SeaSonde Radial Suite Release versions 7 and 8.

Install_SeaSondeRadialDocs.app – installs complete documentation for the Radial Suite including application guides and file formats.

Install_RadialSuite-R8.app – installs all software applications.

The bathymetry installer, **Install_GebcoDB**, is a separate 1.2GB download from CODAR Support that installs the GEBCO bathymetry database for SeaDisplay 8.

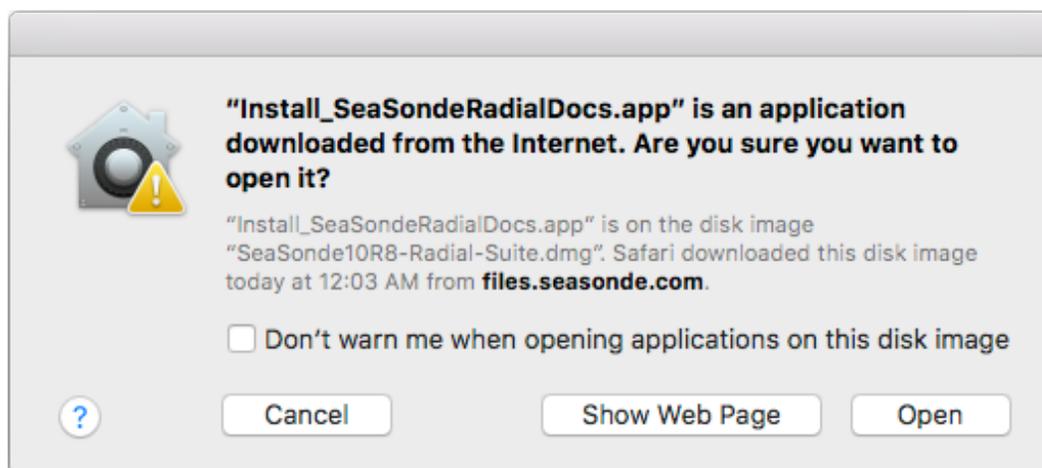
Run the Two Installers

If you're a new user, you should run 'Install_SeaSondeRadialDocs.app' first and review the documentation located in folder /Codar/SeaSonde/Docs/Guide_Radial_Suite_R8.

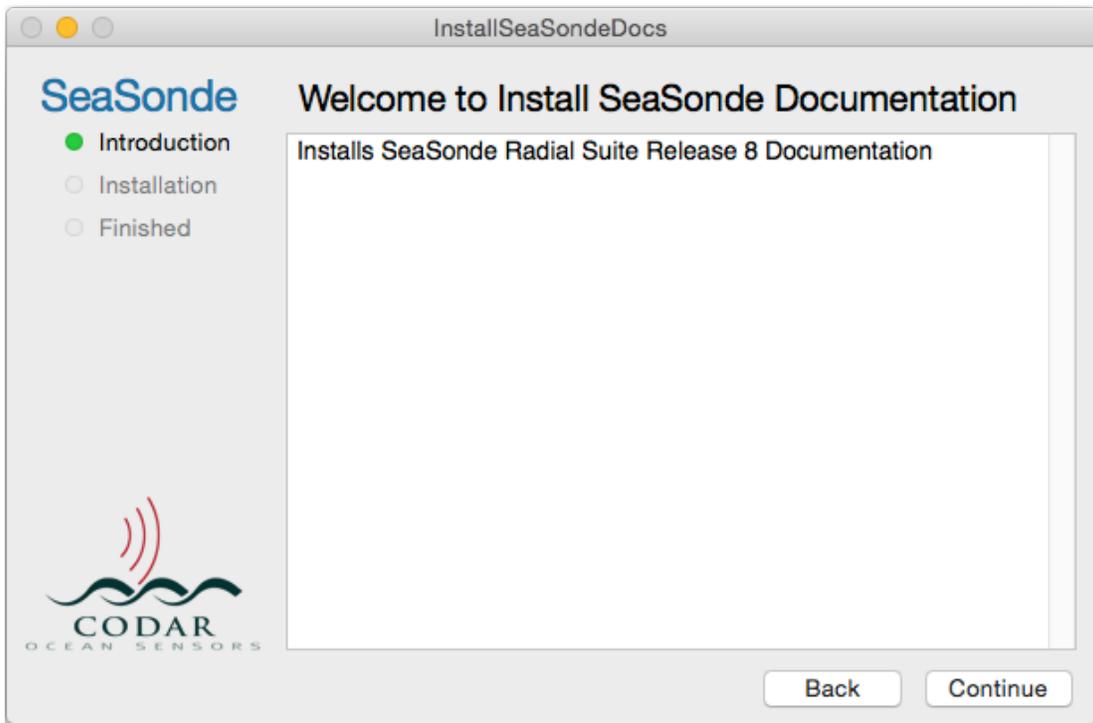


Double-click 'Install_SeaSondeRadialDocs.app'

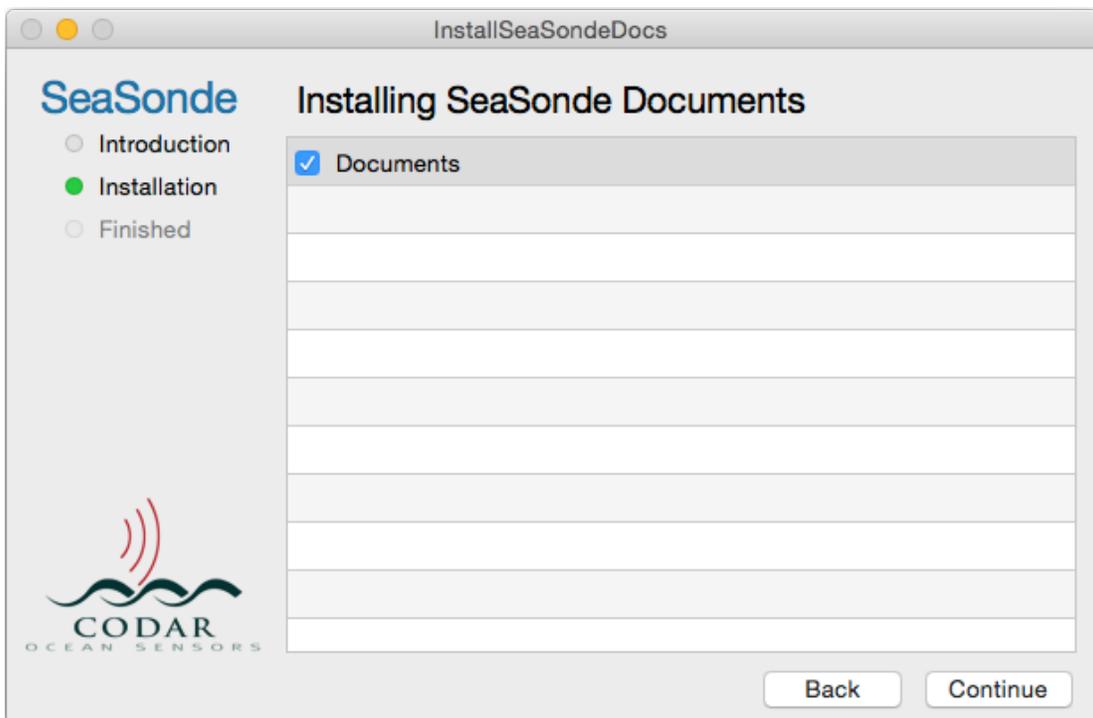
When you run the installer, you might see the following dialog. Click Open.

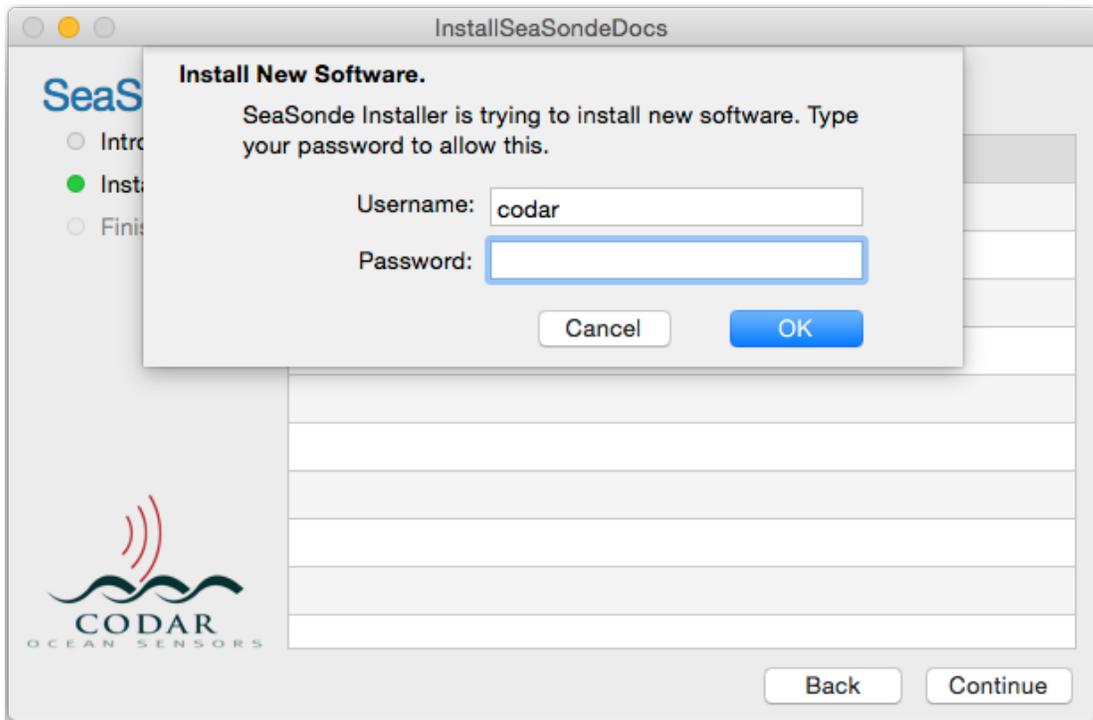


You will then see an introduction screen.

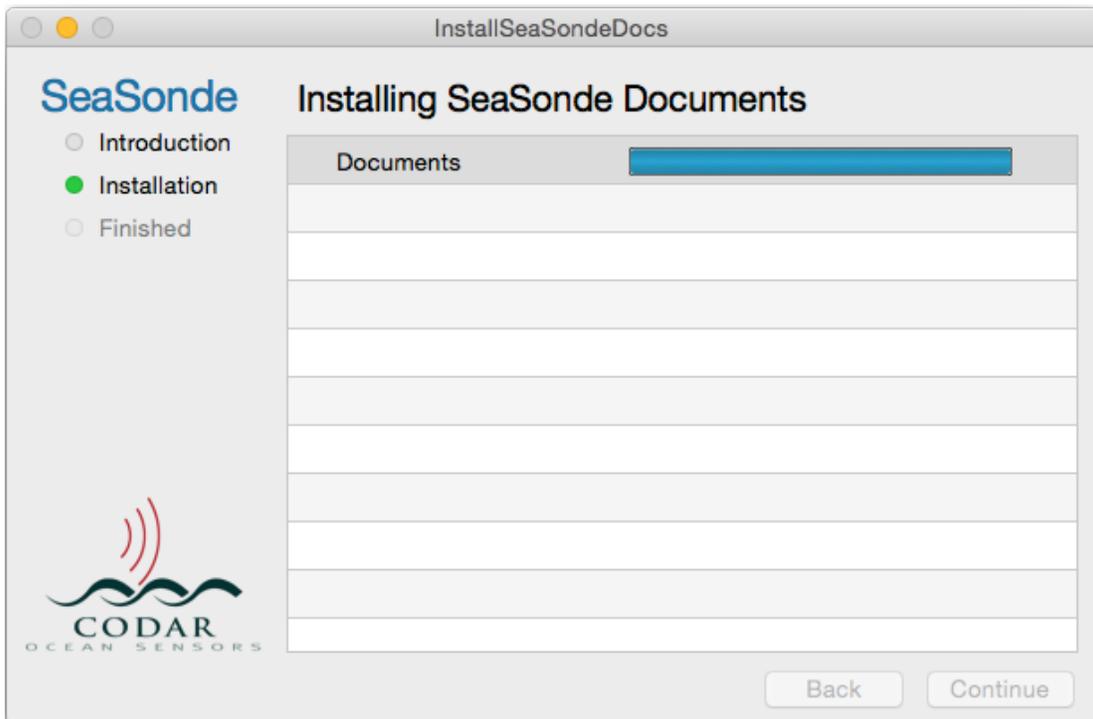


After you click Continue, you'll see the Installation section for documents. Click Continue again to enter in your admin username and password.

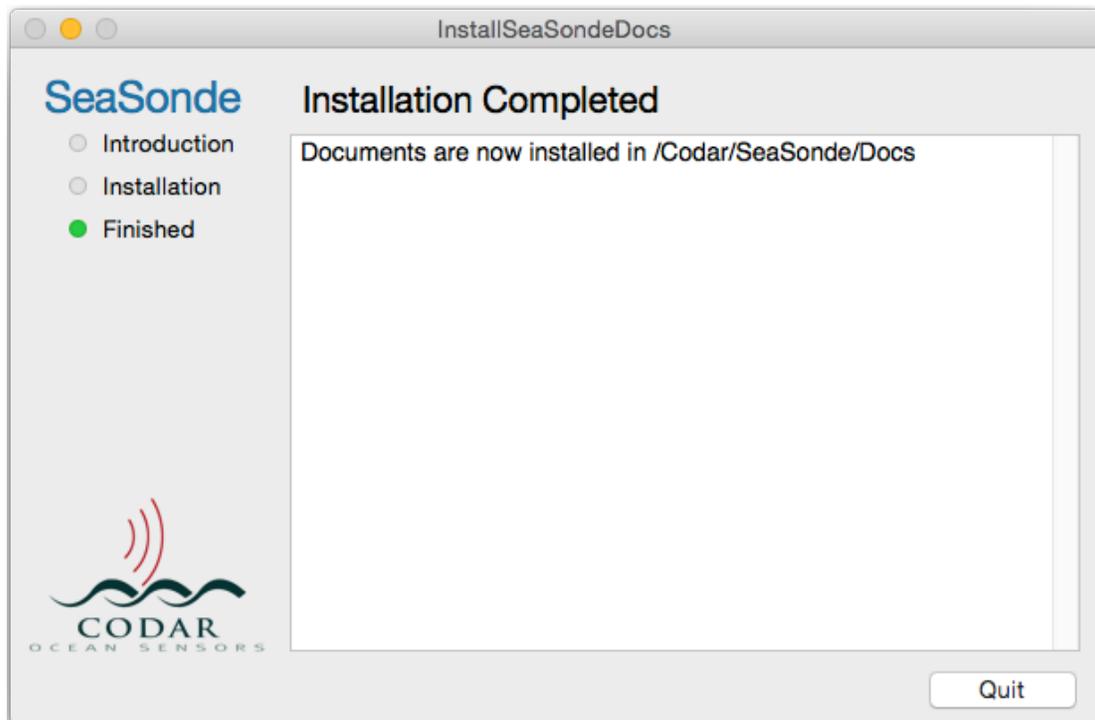




Once you've typed in your password, click OK and then installer will quickly run.

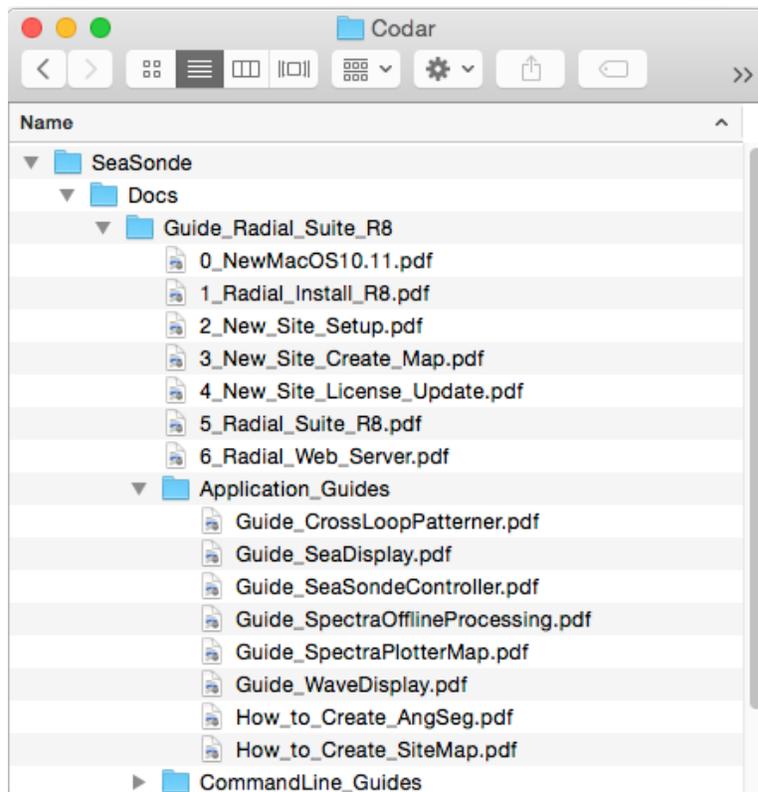


When it's finish you will see following.



Click Quit.

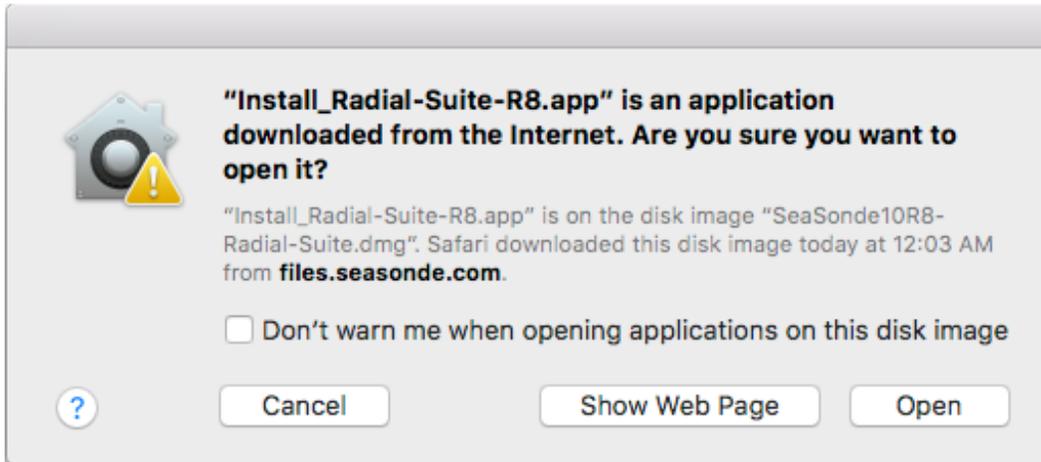
If you're a new user, review the documentation now installed in folder /Codar/SeaSonde/Docs/Guide_Radial_Suite_R8. Double click any pdf document to open.



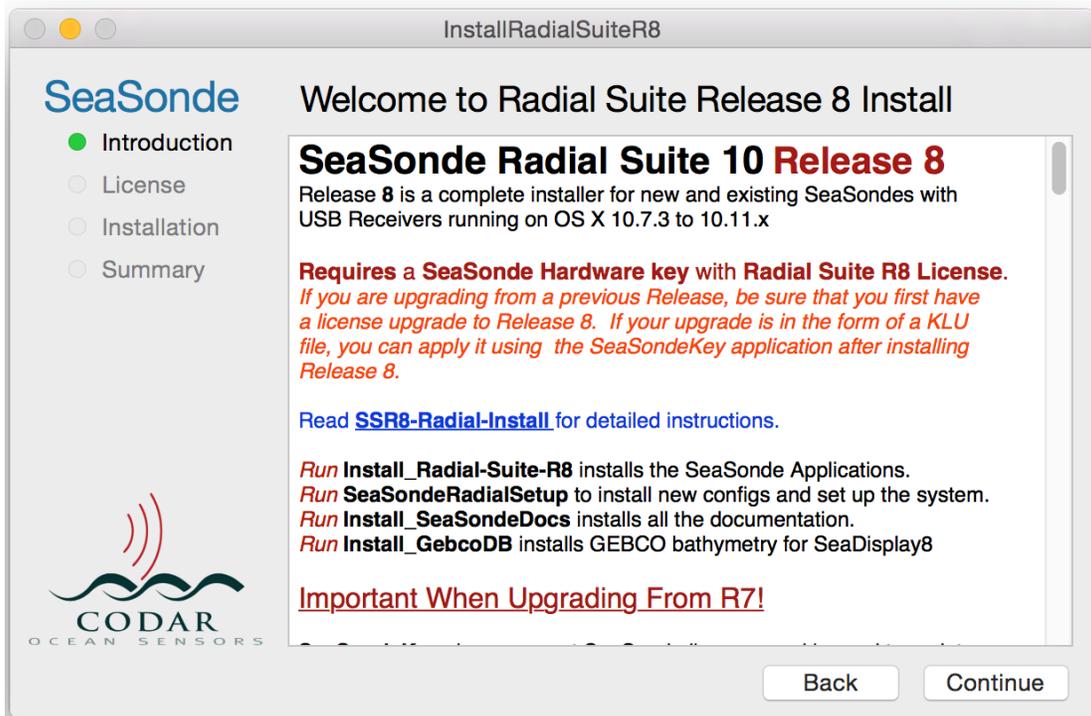


Double-click 'Install_Radial-Suite-R8'

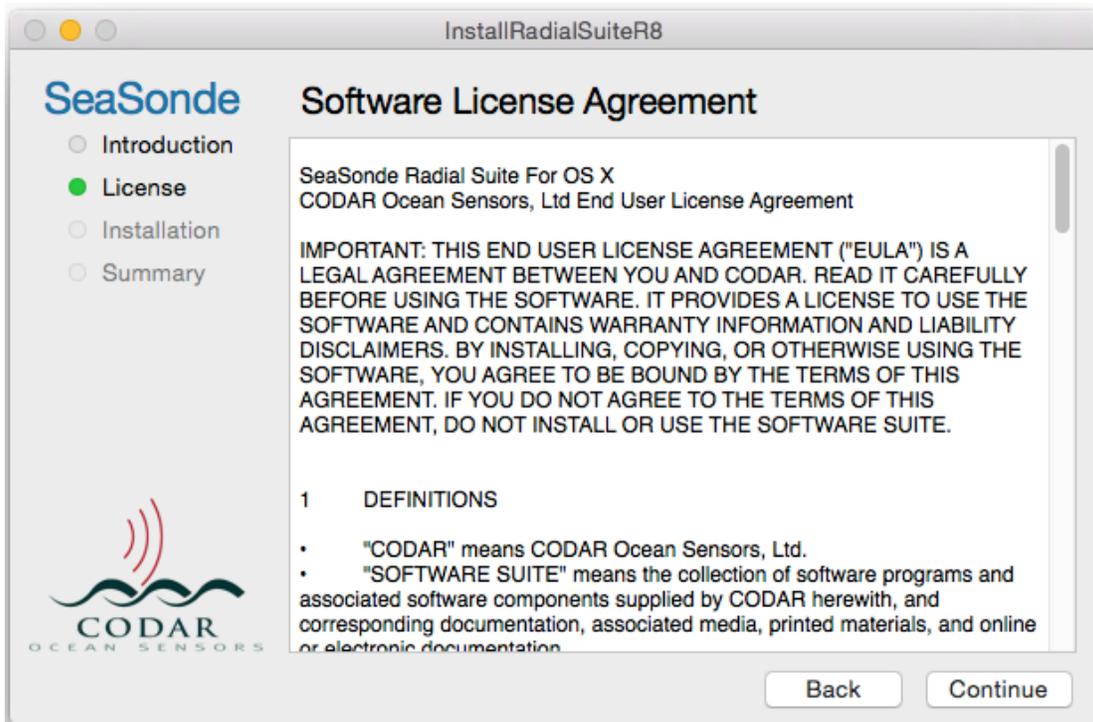
When you run the installer, you might see the following dialog. Click Open.



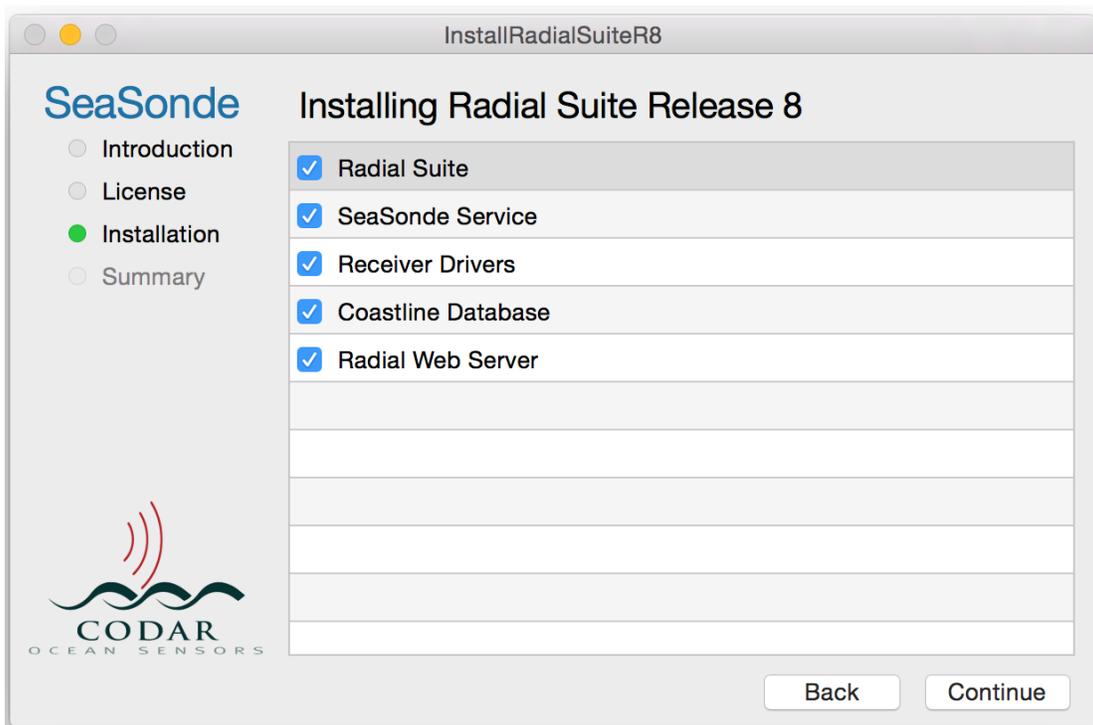
Read the notes in the installer's main window (also provided in RS10R8_Release8-Notes.rtf). These notes contain important information about the changes from Release 7. If you are not prepared to install the software, click Back and quit the installer; otherwise, click Continue.



Read and accept the software licensing agreement.



The following sub-installers are required enhancements to the operating system which require an administrative password to install. For most cases, you should run all sub-installers.



Radial Suite – installs all the Radial Suite applications, configurations, and sub-installers.

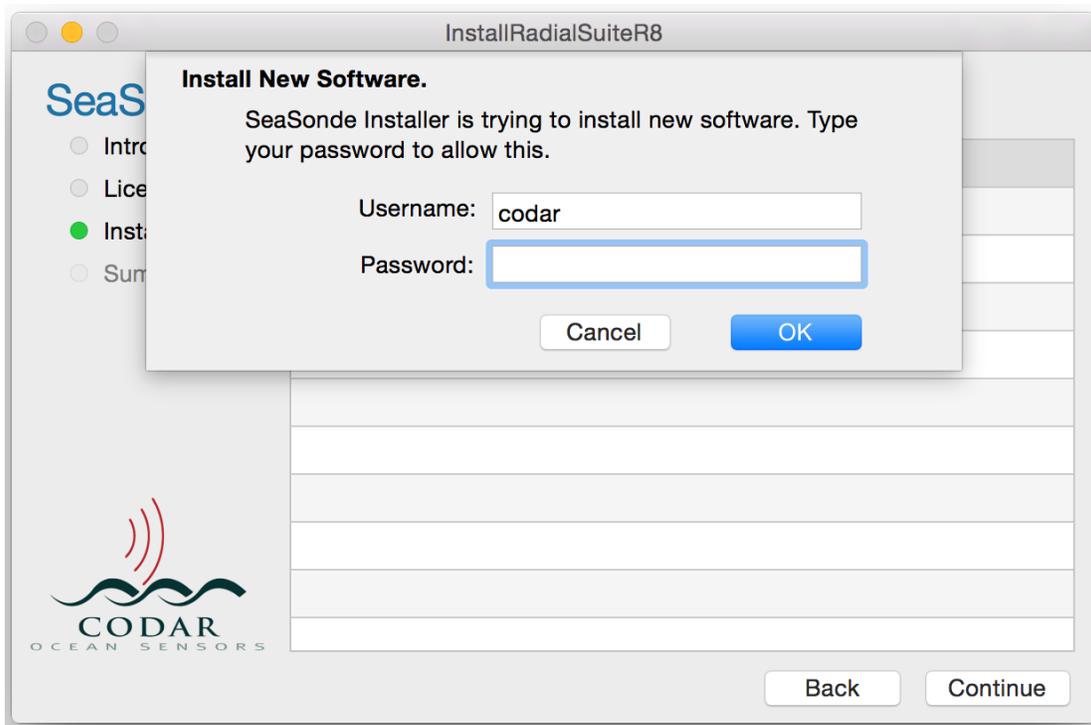
SeaSondeService – installs SeaSondeService which is used to restart the computer, set the computer time, and support the SeaSonde Hardware Key.

Receiver Drivers – installs a USB driver in order to communicate with a SeaSonde receiver or transponder.

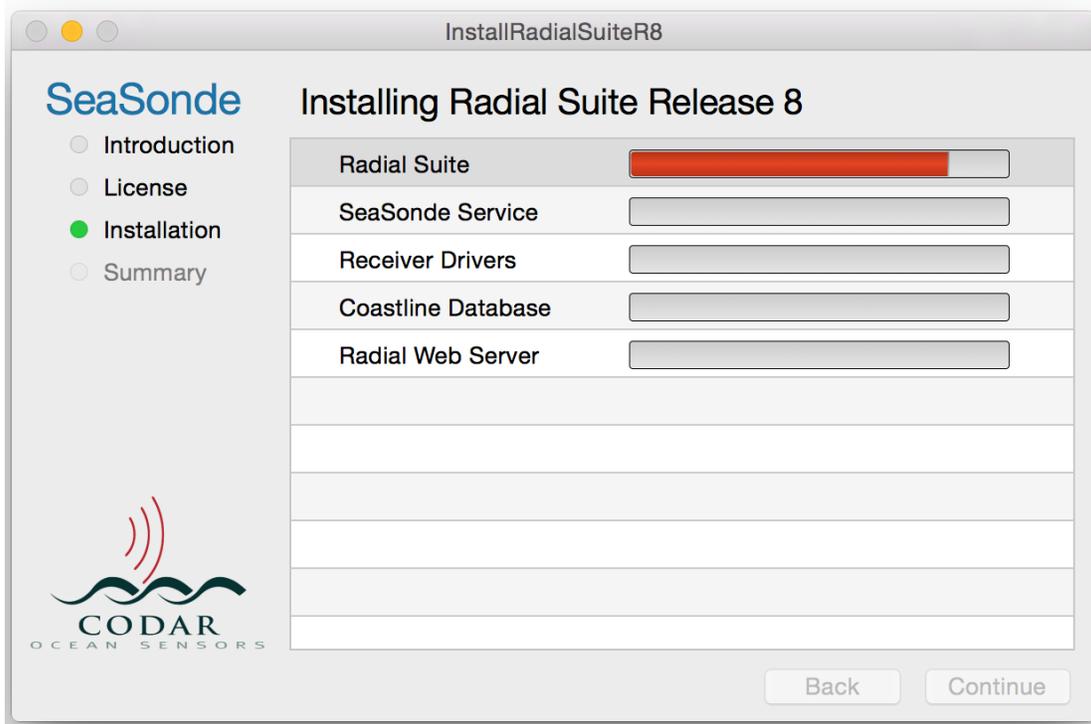
Coastline Database – installs world coastline database files needed by SeaDisplay 8 in order to create/edit site maps.

RadialWebServer – installs RadialWebServer to handle the RadialWeb interface.

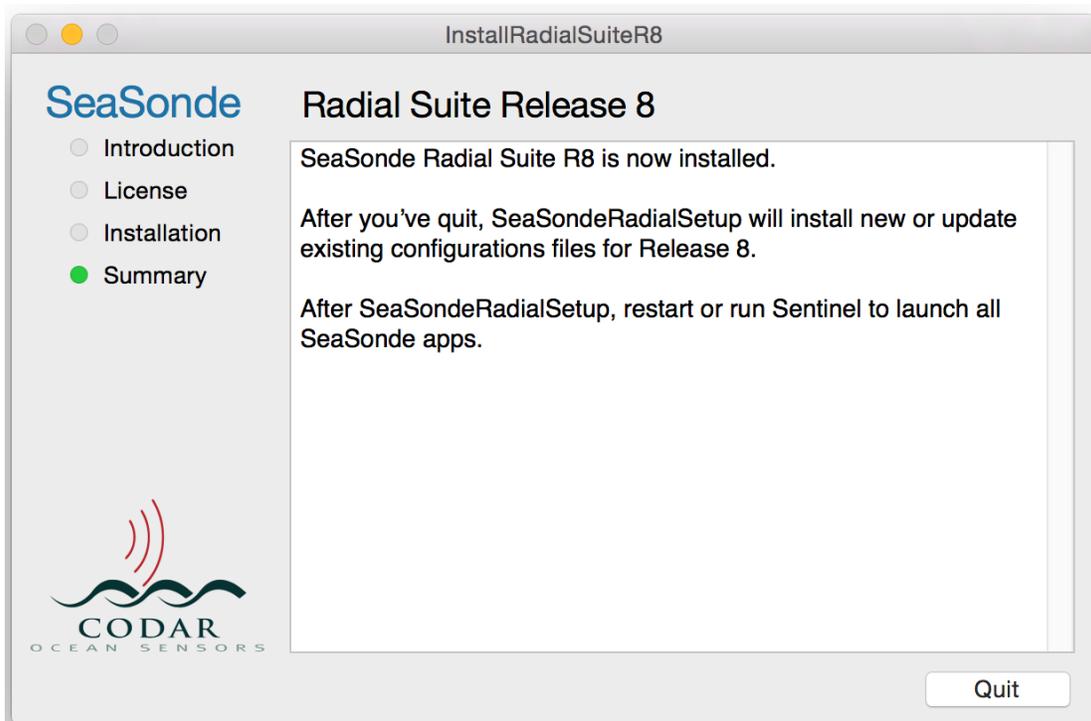
The installer will prompt you to enter your computer administrative username and password. Once you've entered your password and clicked OK, the installer will begin.



The installer will run each sub-installer and show its progress bar. During Radial Suite install, the dock and desktop background will disappear a couple of times as it installs SeaSonde icons.

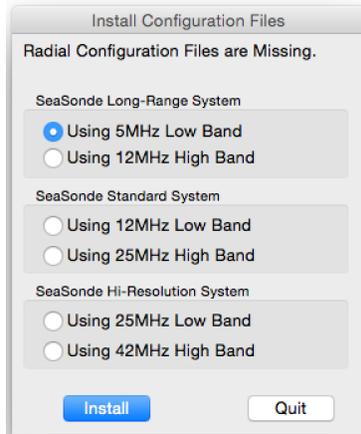


When all the sub-installers have finished, a list of next steps is presented. Read these and click Quit.

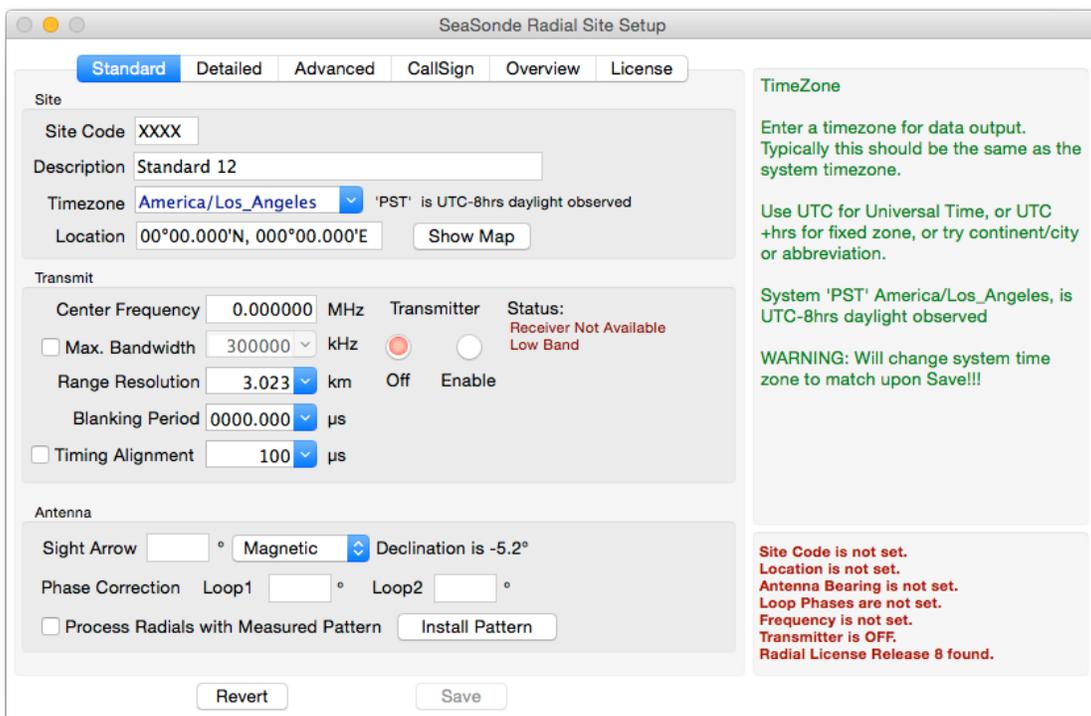




After you click Quit, the installer will launch **SeaSondeRadialSetup** which will present a dialog to install and update new radial configurations for Release 8. When upgrading from Release 7, most of your radial configurations will remain intact except for **CSPPro**, which has been replaced by **SpectraAverager**. The Release 8 installer will have already backed up your previous configs. Select the appropriate frequency and click Install.



Please read “**2_New_Site_Setup.pdf**” on how to configure a new site. Now would be the time to have the SeaSonde Receiver turned on and connected to the computer. If updating from Release 7, please review your settings.



After you've configured your SeaSonde, save and quit **SeaSondeRadialSetup**. While you can run Sentinel to start up SeaSonde, a computer restart is

recommended to ensure the system comes up properly with **Sentinel** running first followed by all the real-time applications: **SeaSondeController**, **SeaSondeAcquisition**, **SpectraAverager**, **Archivalist**, and **RadialWebServer**.

If you want to enable the new CallSign feature for an existing site, you will need to update the receiver's firmware. Please contact CODAR Support. New SeaSondes will already have the updated firmware.

Revision History

First Draft Aug 12, 2016

2nd Draft Nov 28, 2016 – Corrections to match disk image.

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