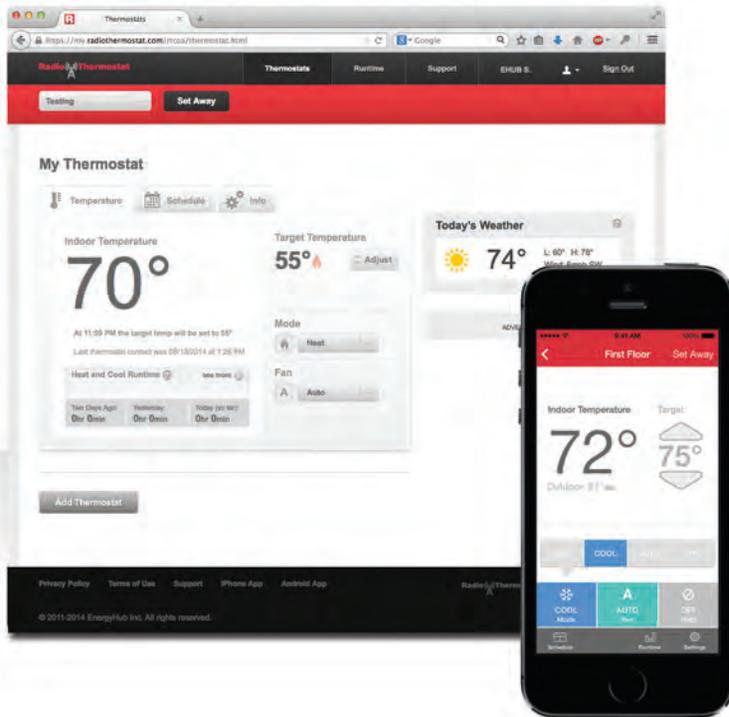


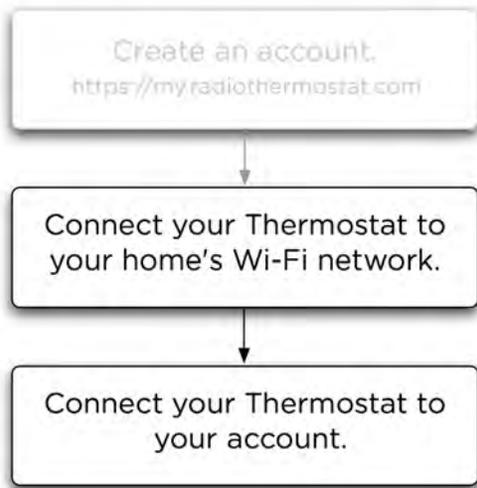
# Wireless Setup Guide

Windows XP, Vista, 7 & 8



At the end of this easy process, you will be able to operate your thermostat from any device that connects to the Internet

Since you have already downloaded this document, you should have also set up an online account. **FIG\_1**



**FIG\_1**

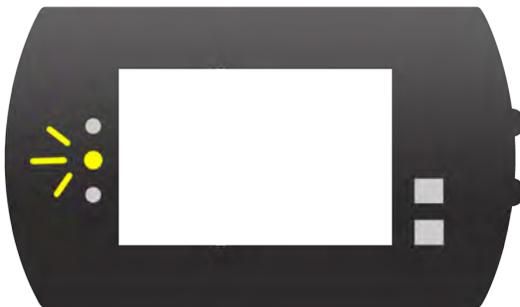
If you do not have an account yet, you can create one at: <https://my.radiothermostat.com/rtcoa>

Now you will be guided through the steps necessary to first connect your thermostat to your Wi-Fi network, and then connect your thermostat to your online account.

But before we continue on to the next steps...

You will need to complete the wiring and installation of your thermostat using the Install Guide included with the product.

When you have completed installing your thermostat, a blinking (or solid) yellow light (the middle of the three, to the left of the display) will indicate that it is ready to begin the process of joining your home network.\* **FIG\_2**



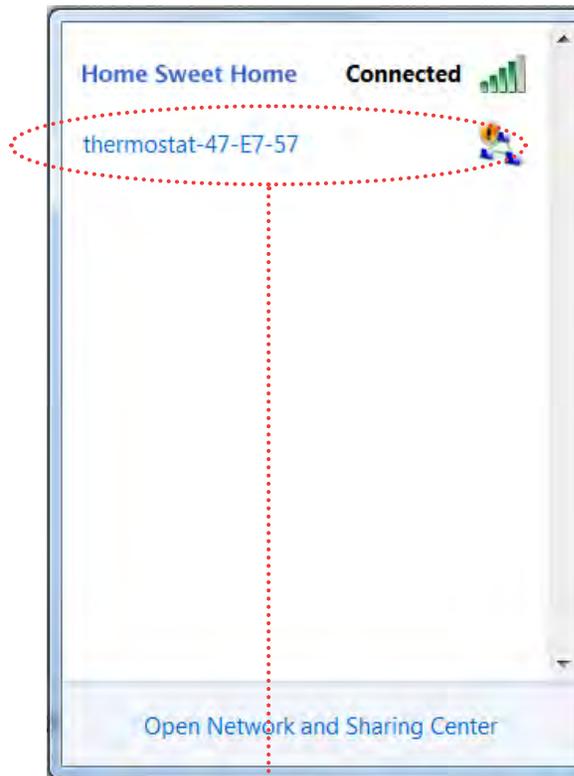
**FIG\_2**

\* If the yellow light doesn't appear once you've set up your thermostat, you will need to begin by resetting your thermostat. To do so, press the thermostat's MENU button, so that MATE appears on the left side of the display. Press MATE twice. When the yellow light appears, you're ready to connect.

Follow these instructions very carefully  
Once you are done, it's smooth sailing to big savings!

If you ever run into trouble, go to our Support page at:  
<https://my.radiothermostat.com/rtcoa/support.html>

There you will find solutions to common problems.



FIG\_3

(Screen for Windows 7 shown.)

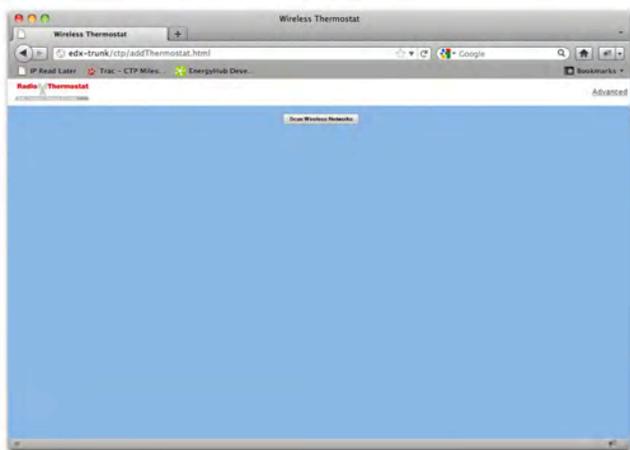
### 1 Let's Begin!

When your thermostat is properly powered, it creates a temporary wireless network.

Connect your computer to this network by finding it on your computer's list of available wireless connections.

It will be labeled "thermostat," followed by six numbers or letters.

For example: "thermostat-E1-2F-19" FIG\_3



FIG\_4

2 Connected? Good.

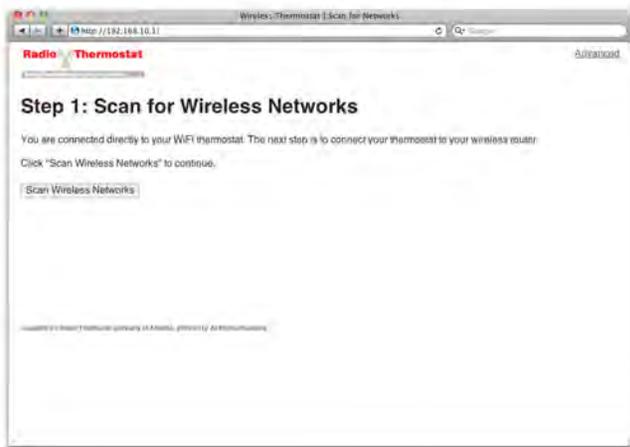
Now it's time to connect your thermostat to the wireless network you use for everyday web access.

To do so, open a new window or tab in your web browser.

Note! Be sure to keep this new window or tab open on your desktop throughout this process—you'll need it later.

3 Type this address into the address field at the top of the browser: <http://192.168.10.1>

4 Once you've entered this address, you will either see a blue page [FIG\\_4](#) or a white page. [FIG\\_5](#)



FIG\_5

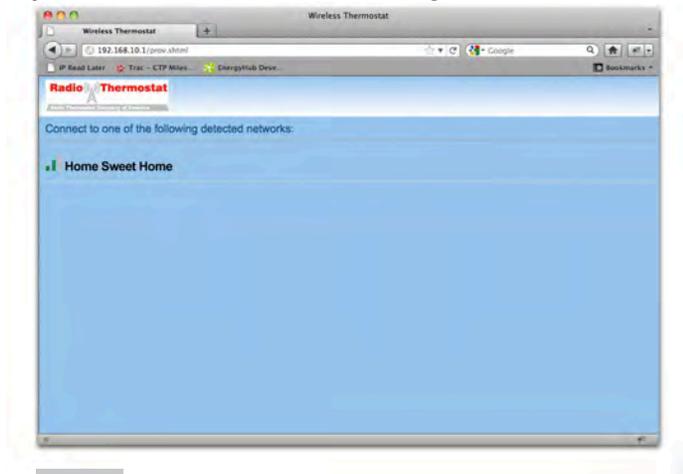
If you see a blue page, click on "Scan Wireless Networks" and then follow the screenshots on the left side of this Setup Guide.

If you see a white page, click on "Scan Wireless Networks" and then follow the screenshots on the right side of this Setup Guide.

**Note to advanced users:** Would you like to manually set the parameters of your thermostat's network?

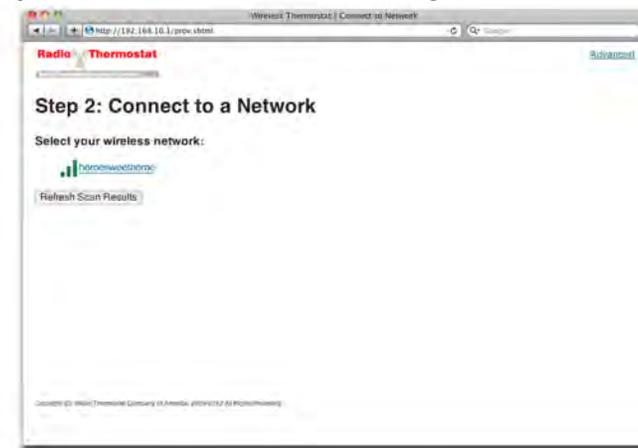
If so, skip ahead to the instructions at the end of this guide.

If your screen has a blue background:



FIG\_6

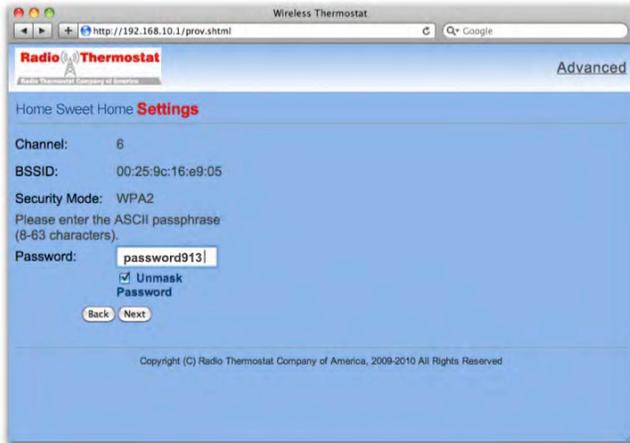
If your screen has a white background:



- 5 Next you will see a list of available networks that includes your home's familiar wireless network. Click on the name of your home's network. FIG\_6

**NOTE:** Your wireless network name (or the SSID) cannot be hidden - the thermostat must be able to see the network name at all times.

If your screen has a blue background:



FIG\_7

If your screen has a white background:



- 6 The Settings screen will appear in your browser. FIG\_7 Enter the password of your home network into the appropriate field and click Next.

NOTE: This is the same password you use to connect your computer or mobile device to your home wireless network.

If your home network has no password, leave the password field blank, and click Next.

- 7 The Security screen will now appear on your browser.

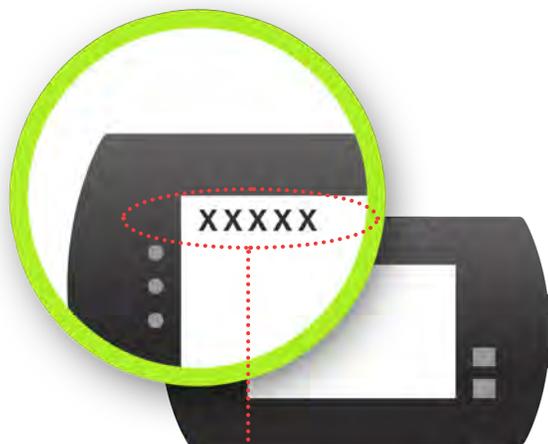
Go to your thermostat and find the 5 digit PIN appearing on the upper left corner of its display. **FIG\_8**  
Return to the Security screen on your browser and enter that PIN into the appropriate field.

- 8 Click 'Set Network.' Your thermostat may emit a series of beeps.

When the green light on your thermostat starts blinking and the Provisioning Done screen loads on your browser - you've successfully connected your thermostat to your home's wireless network.

If a red light starts blinking on your thermostat, it means your thermostat has failed to connect to your home's network. If this happens, wait for the yellow light to appear again, and repeat this process from Step 1.

If you still can't connect, go to the Support tab of the thermostat website or visit:  
<https://my.radiothermostat.com/rtcoa/support.html>

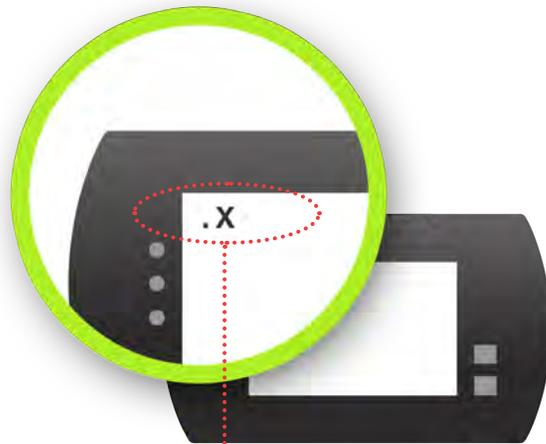


FIG\_8

- 9 Look at your thermostat display again. In the upper left corner where the PIN was FIG\_9 you will now see a decimal followed by a number (for example, ".9") which you will need for the next step.
- 10 At this time, you must reconnect your computer to your home network. To do so, open your computer's list of available networks and select your familiar home network.
- 11 Now that your thermostat is connected to your home's wireless network, you'll need to enter your thermostat's IP address into your browser's URL field.

In order to determine your thermostat's IP address, you must first learn your computer's IP address.

Depending on which version of Windows you are using, the steps for obtaining your computer's IP address may differ - please refer to the steps that pertain to your version on the following page.



FIG\_9

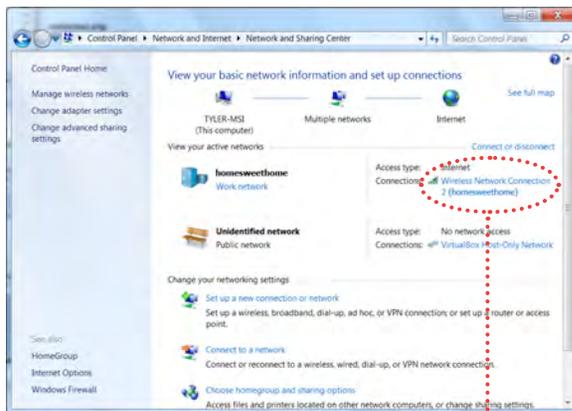
## Locating your computer's IP address

### If you're running Windows 8:

- Open Network Connections by clicking the Start button, and then clicking "Control Panel"
- In the search box, type "adapter" and then, under Network and Sharing Center, click "View network connections"
- Select an active network connection, and then, in the toolbar, click "View status of this connection" (You might need to click on the chevron >> to find this command)
- Click "Details" and the computer's IP address appears in the Value column, next to IPv4 Address

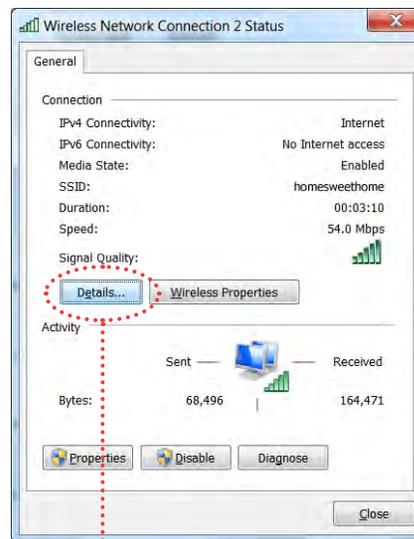
### If you're running Windows 7:

- Open Network and Sharing Center by clicking the Start menu, clicking "Control Panel," clicking "Network and Internet," and then clicking "Network and Sharing Center" **FIG\_10**
- Under View Your Active Networks, click where it says "Wireless Network Connection" followed by the name of your network **FIG\_11**
- Click "Details" **FIG\_12** and find your computer's IP address in the field "IPv4 address." Your computer's IP address consists of four numbers separated by decimals (for example: "192.168.1.7")

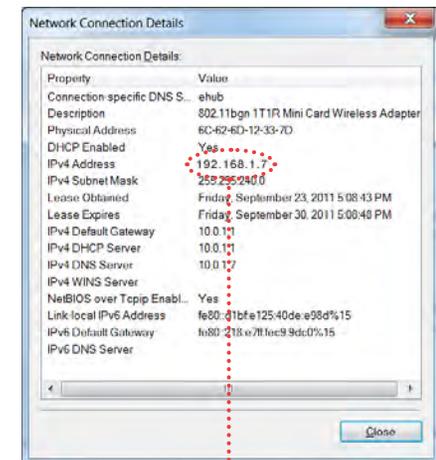


FIG\_10

(Screens for Windows 7 shown.)



FIG\_11



FIG\_12

### If you're running Windows Vista:

- Open Network and Sharing Center by clicking the Start menu, clicking "Control Panel," clicking "Network and Internet," and then clicking "Network and Sharing Center"
- Under Connection, click "View Status"
- Click "Details" and find your computer's IP address in the field "IPv4 address." Your computer's IP address consists of four numbers separated by decimals (for example: "192.168.1.7")

### If you're running Windows XP:

- Open Network and Internet Connections by clicking on the Start menu, then "Control Panel," then "Pick a Category," then "Network and Internet Connections"
- In Network and Internet Connections, under "or pick a Control Panel icon," click "Network Connections"
- In the Network Connections window, right-click your network connection, and then click "Properties"  
Your computer's IP address consists of four numbers separated by decimals (for example: "192.168.1.7")

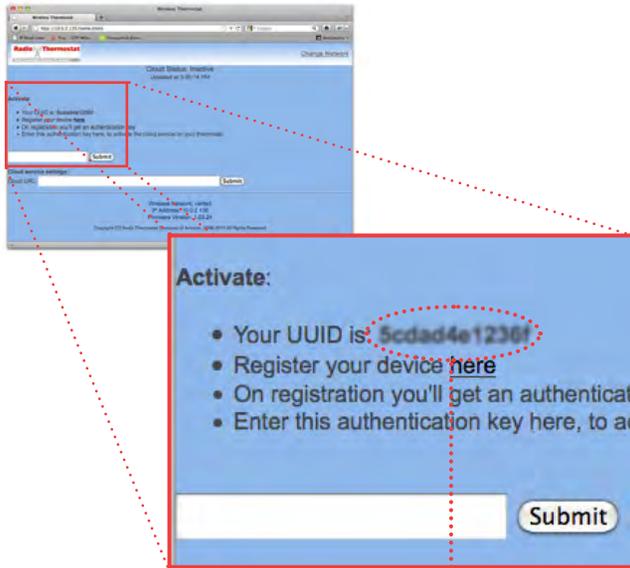
- 12 Figure out your thermostat's IP address by combining the first three numbers of your computer's IP address with the number displayed on the thermostat from Step 9.

For example, if your computer's IP address is "192.168.1.7" and your thermostat displays ".9", your thermostat's IP address is "192.168.1.9".

- 13 Open a new browser window or tab.

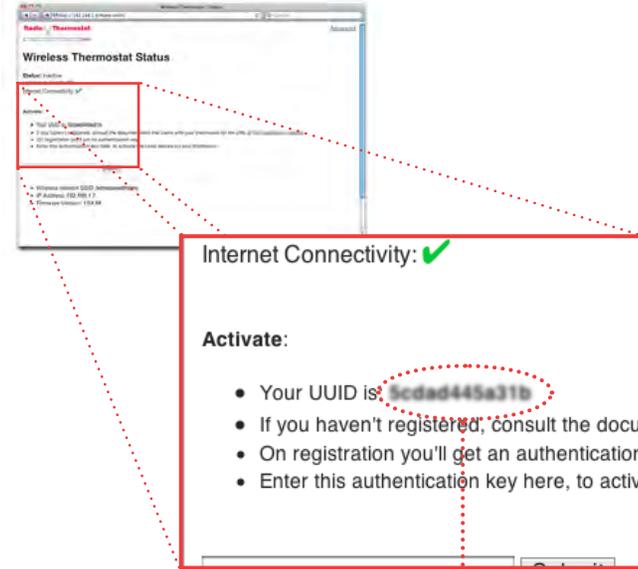
Enter your thermostat's IP address into the URL field and press Enter.

If your screen has a blue background:



FIG\_14

If your screen has a white background:



Note: Your UUID number will differ from the ones shown here.

- 14 On the page that loads after you've entered your thermostat's IP address, find your thermostat's UUID code and copy it to your clipboard. FIG\_14

**NOTE:** Keep this window or tab open on your desktop!

Disregard the link on this page that says "Register Your Device Here" and proceed to the next step of this Setup Guide.

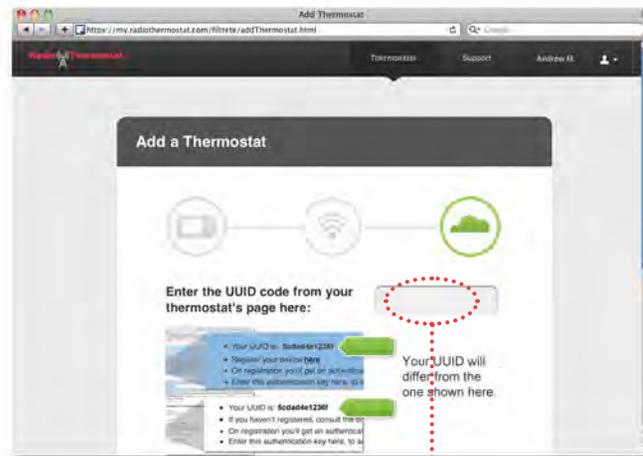
- 15 Return to the browser window or tab from which you downloaded this Setup Guide.

Click on "I'm ready for the last steps."

Paste your thermostat's UUID code into the appropriate field. FIG\_15

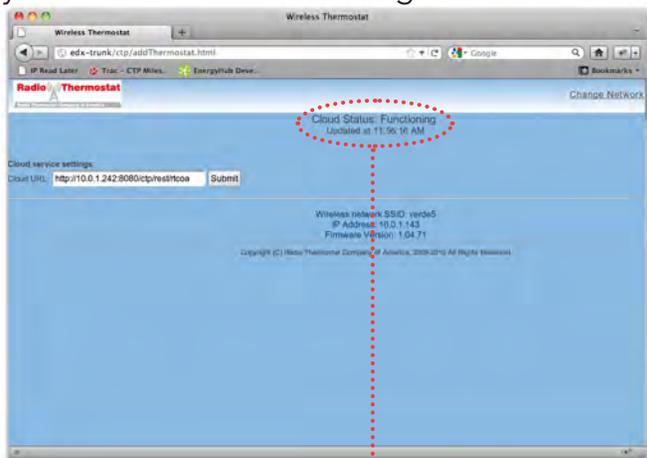
Click "Next" at the bottom of this screen.

- 16 An authentication key now appears in the browser window or tab from which you downloaded this Setup Guide. Copy the authentication key to your clipboard.



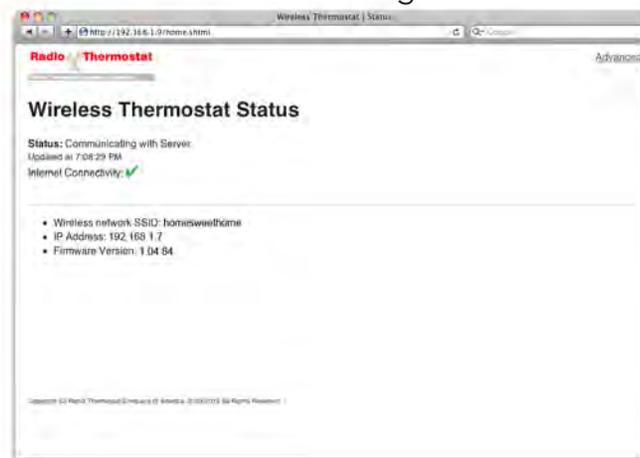
FIG\_15

If your screen has a blue background:



FIG\_16a

If your screen has a white background:



FIG\_16b

17 Remember that window or tab we reminded you to keep open in Step 14?

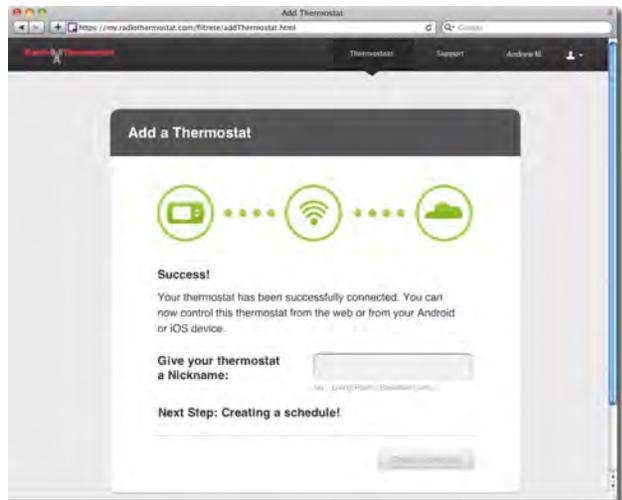
Return there, and paste the authentication key into the appropriate field and click Submit.

When the message “Cloud Status: Functioning” appears [FIG\\_16a](#) or when the message “Status: Communicating with Server” appears [FIG\\_16b](#) return again to the browser window or tab from which you downloaded this Setup Guide, and click Next.

18 After you successfully connect your thermostat to your online account, you will see this screen. FIG\_17

Give your newly added thermostat a Nickname, and the wireless provisioning is complete!

19 To make sure you get the most out of your new wireless thermostat, follow the on-screen steps to create your schedule online - It's easy and will help you save energy and money!



FIG\_17

#### For the advanced user:

Follow these directions to manually set up network parameters, including a static IP address for the thermostat:

- At the Scan Wireless Networks screen, click on the Advanced tab in the upper right hand corner of the screen
- Change the IP address to "Static." When setting up a static IP, be sure to select a proper gateway address
- Return to Step 6 of these instructions