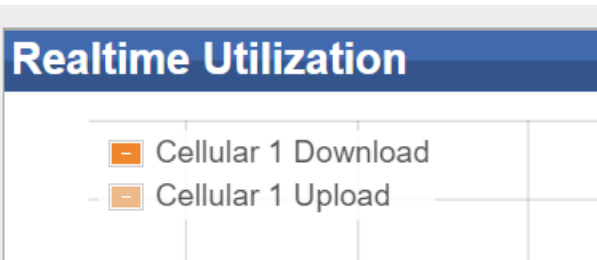
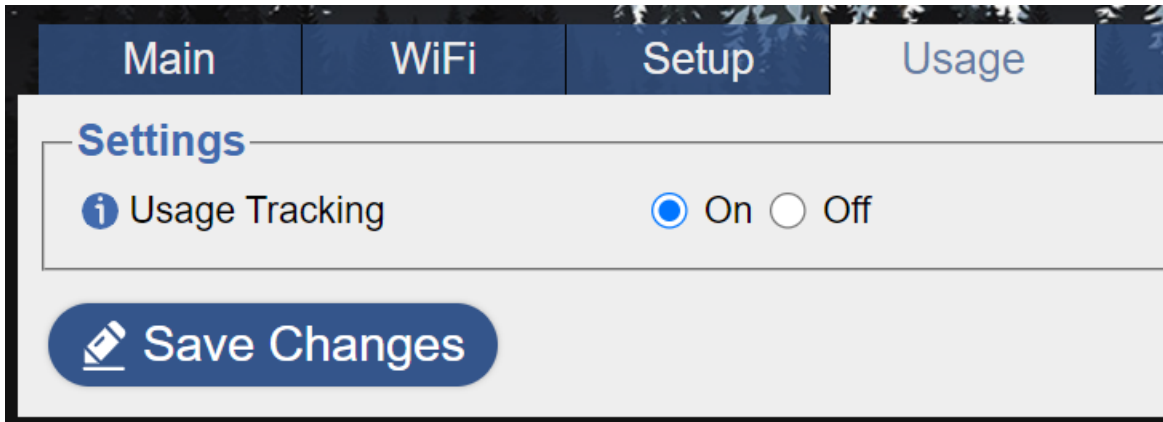


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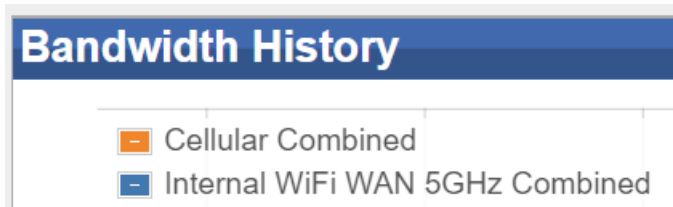


The following is an example of how someone could set a usage restriction on the WiFiRanger to assist with monitoring data usage. The example provided creates a restriction for cellular data.

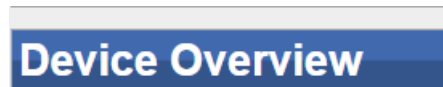
1. On the Usage tab, turn Usage Tracking to “on” and click the Save Changes button. Answer “OK” when prompted.



2. Utilization is now enabled.
3. From this tab you can also view the usage history



and see which devices are connected



to your WiFiRanger router:

. The “Device Overview” can

also give you a better idea as to which devices are using the most data.

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- Continue to scroll down the page to the “Device Restriction” area:

Device Restriction	Effect	Schedule
Add Restriction Create rules to throttle speeds or stop internet connectivity to optimize usage		

- To help you monitor your cellular usage, under “Select Internet connector” choose “cellular” from the drop-down menu and click the “next” button:

Select Internet Connector
Choose all or a particular Internet Connector that this restriction will apply under

Cellular

Next

- You will now be prompted to go through a series of 6 steps. I will be providing some examples, but you will want to use what works best for you, so feel free to look at other options in the drop-down menus.
- For step 1, I chose to use the specific cellular device I wanted to monitor by choosing it’s WiFiRanger profile. If you only have one cellular device, there will only be one profile:

Add Restriction
Step 1 of 6

Modem
USB Aircard or MiFi used as a Cellular Internet Connector

Cellular 1

Then click “NEXT”.

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8. For step 2, for most folk, leaving it set to the default “all” usually is of the most benefit. Click Next.

Add Restriction

Step 2 of 6

Device

Select devices or enter an IP address range that will be effected by restriction

9. On step 3, you can choose to disable access or to limit throughput. While the choice is yours, if you choose to disable access it will let you definitively know you’ve reached your threshold. You will then either need to remove the rule or reset the rule to allow data to flow through cellular if desired. When you’ve made your choice, click next.

Add Restriction

Step 3 of 6

Effect

Disable Internet Access: block all internet usage for effected device(s)

Limit Speed: throttle internet speeds to set parameters for effected device(s)

Next

10. Step 4 allows you to set time parameters on the restriction you are creating. Again, if monitoring cellular data flow is your purpose, it’s a good idea to leave it on defaults and click next.

Schedule

Set time parameters around restriction to manage when effect is applied

Sun Mon Tue Wed Thu Fri Sat

Next

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11. Step 5 is where you set your threshold. I chose “combined” to get data going both to and from the connection and then I chose a 5GB threshold. This was when 5 GB of data has been used, in this case, no more data will flow over cellular until you reset or remove the restriction.

Add Restriction

Step 5 of 6

Activation

Make restriction always active or trigger rule after set amount of bandwidth is used

Combined (Download and Upload) ▾

5 GB ▾

▶ Next

12. In step 6 you choose the reset interval. I chose monthly, but you may wish to choose more often depending upon your use. After you have chosen your timetable, click the Add Rule button.

Step 6 of 6

Reset Interval

Timetable that triggers a reset of bandwidth used (can correspond with billing periods)

Monthly ▾

1st ▾ 12:00 AM ▾

+ Add Rule

13. You will be prompted to save your changes.

Configuration Incomplete
Click Save Changes to apply



14. Click the Save Changes button.

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15. Then click OK when prompted.

Do not close your browser window until the page is finished loading.



16. You can now monitor basic data usage from the Usage tab on your WiFiRanger router.

Device Restriction	Effect	Schedule	Limit Type	Activation	Usage	Reset Interval	Remove
Cellular Modem Cellular 1	Stop Internet Blocks traffic wh...	All Day Every day	Combined (Download an...	5 GB	1.14 MB Reset	Monthly On 1st at 12:00 AM	