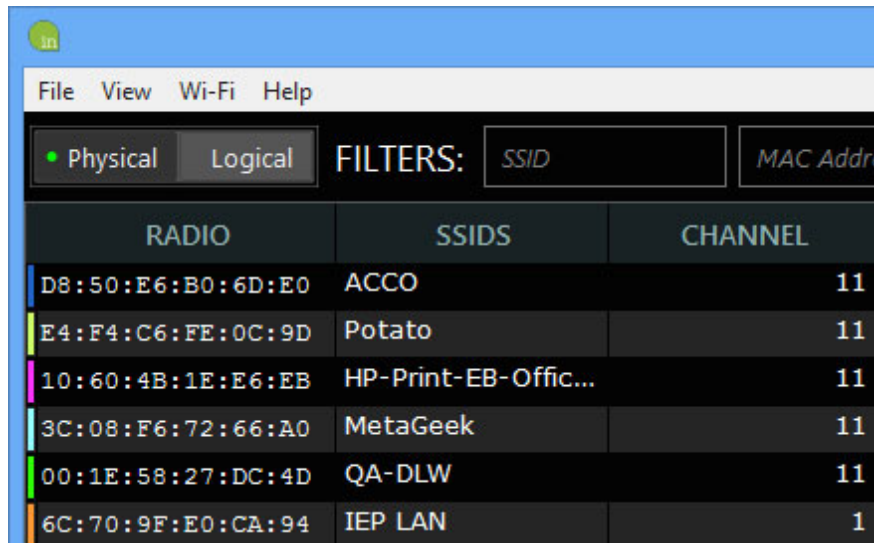


About inSSIDer software

inSSIDer visualizes which channel the WiFi network is on. inSSIDer has integrated tools to assess the environment and choose the best channel for you.

What is the WiFi scanner?

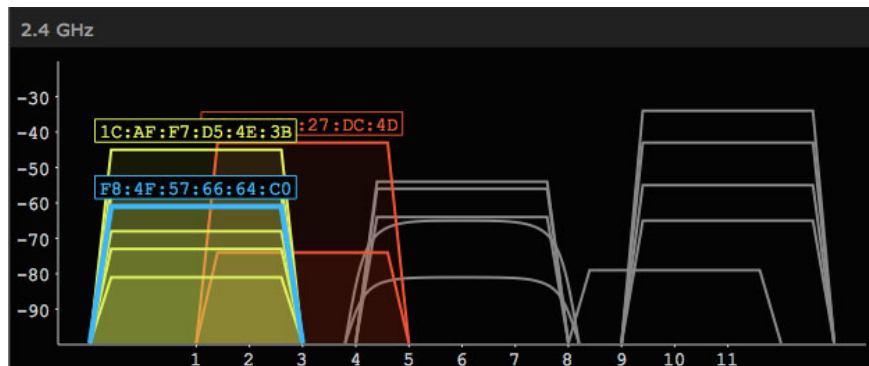
The WiFi scanner uses your computer's WiFi adapter to scan for wireless networks. It lists out all nearby networks, as well as some information about them.



The screenshot shows the inSSIDer application window with a menu bar (File, View, Wi-Fi, Help) and a toolbar with 'Physical' and 'Logical' tabs. A 'FILTERS:' section contains input fields for 'SSID' and 'MAC Address'. Below is a table of detected networks:

RADIO	SSIDS	CHANNEL
D8:50:E6:B0:6D:E0	ACCO	11
E4:F4:C6:FE:0C:9D	Potato	11
10:60:4B:1E:E6:EB	HP-Print-EB-Offic...	11
3C:08:F6:72:66:A0	MetaGeek	11
00:1E:58:27:DC:4D	QA-DLW	11
6C:70:9F:E0:CA:94	IEP LAN	1

The WiFi scanner lists all nearby networks
The tool also visualizes which channel each wireless network is on.



Visualize which channel each wireless network is on

Why is WiFi scanning important?

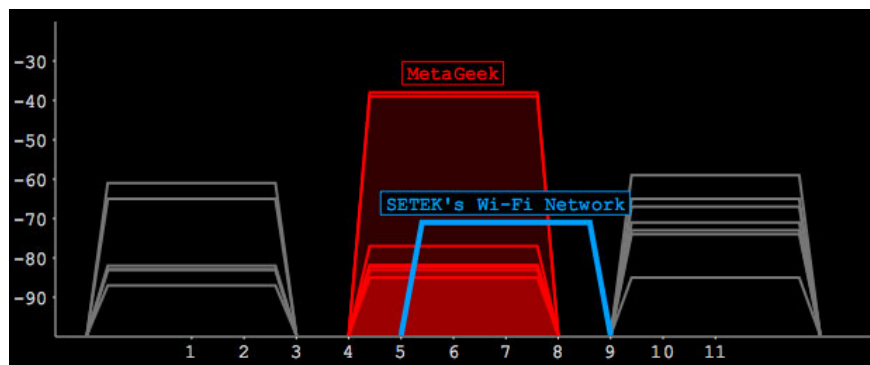
If you know what is happening in your wireless environment, you can use that data to troubleshoot or improve network performance.

Most people use inSSIDer to:

1. Choose the best channel for the network
2. Ensure network security
3. Fix WiFi coverage issues

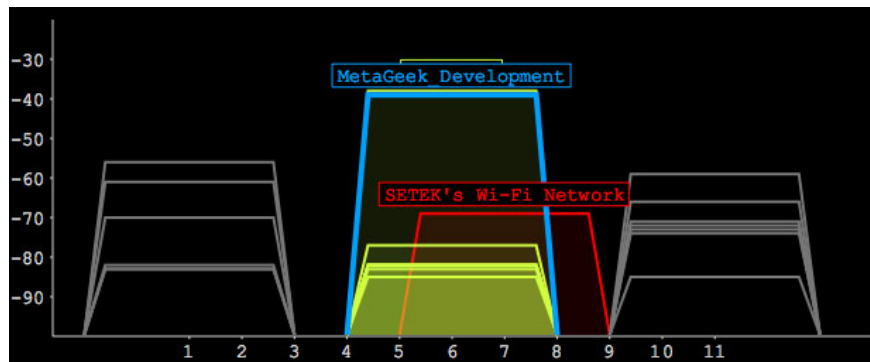
Put the router on the best channel

inSSIDer visualizes which channel the WiFi network is on. One of the most common uses of WiFi scanners is to make sure that your router or AP is using the best channel.



This access point (in blue) is on a bad channel, because it partially overlaps with so many other networks (in red).

inSSIDer has integrated tools to assess the environment and choose the best channel for you.



Sharing a channel is always better than partially overlapping. This network is on a much better channel, even if it shares with so many other networks on channel 6.

Ensure network is secure

There are many different types of security you can use on your wireless network, and inSSIDer detects that for you. It lists the type of security in use, and also provides a "lock" icon to show whether the network is open,

secure, or if there is a problem with the security form.

Check for 'dead' spots

The 'dead' point can be frustrating and is one of the most common WiFi problems, especially at home. Every WiFi online guide says, "Move the access point to a better location!" to fix wireless network coverage issues. This is a good tactic, but with inSSIDer, you can see if moving the router makes a difference.

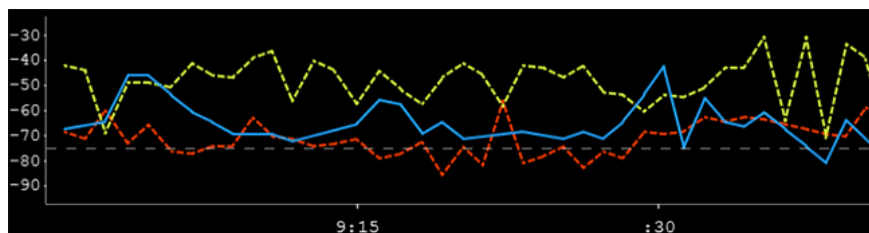
1. Select **Physical** mode .



Select Physical mode

2. Find your router in the list, and click it.

3. View the signal strength according to a time chart and walk around the area you want the WiFi signal to reach.



View signal strength in a timing chart

Your network will be blue. The largest network sharing the same channel will be yellow, and the largest network over the partially overlapping channel will be red.

4. If the signal strength drops below about -70 dBm, it is a weak signal. If it goes below -80 dBm, you are having a 'dead' point.

You finished reading the article "**About inSSIDer software**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.