

# WarXing

<b>Project</b>	WarXing
<b>Description</b>	
<b>Status</b>	Running
<b>Contact</b>	<a href="#">prometheus</a>
<b>Participants:</b>	

WarXing is the hypernym for every activity that is related to war<put\_in\_verb\_or\_noun>ing.

## Wardriving

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Laptop, Antenna, GPS - A hackers way to pwn some WiFi

"Wardriving is the act of searching for Wi-Fi wireless networks by a person in a moving vehicle, using a portable computer, smartphone or personal digital assistant (PDA)." ( Source: [Wikipedia - Wardriving](#) )

## Warchalking

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Common Warchalking signs

"Warchalking is the drawing of symbols in public places to advertise an open Wi-Fi wireless network. Inspired by hobo symbols, the warchalking marks were conceived by a group of friends in June 2002 and publicised by > Matt Jones who designed the set of icons and produced a downloadable document containing them." ( Source: [Wikipedia: Warchalking](#) )

## More informations

We did a radio show about the WarXing culture. [Tune in](#) :)

## Software



Our 20dBi antenna in action! No, that's not a rocket launcher.

- [kismet](#)
- [giskismet](#)
- [aircrack-ng](#)
- [pykismetkml](#) - A Python program for plotting Kismet logs on Google Earth

## Hardware

### Antennas

- [Alfa AWUS036NEH](#) +- 20€
- [ALFA 9dBi 2,4GHz WLAN RP-SMA-Hochleistungsantenne](#) +- 6€
- [Alfa 20dBi 2.4GHz - 2.5GHz high-Gain Yagi Antenne](#) +- 99€

### GPS

All listed navigation devices work with [gpsd](#).



To visualize your tracks quick and online: <http://www.gpsvisualizer.com/>

What to do when an Access Point shows up several times, but with slightly different positioning coordinates? -> Coordinates average?

## Plug & Play

- [NaviLock 402-U](#) +- 45€



look for `/dev/gps0`

## Garmin Oregon 450

[Garming Oregon 450](#) +- 220€

```
<sxh bash;> ~:$ modprobe garmin_gps ~:$ ls /dev | grep ttyUSB0 ttyUSB0 # this should be your device, 0 can differ </sxh>
```

Connect the device to your computer and choose "No", if being asked to use the Oregon as a mass storage device.

Here's our [WifiSec](#) bash startup script:

```
<sxh bash;> #!/usr/bin/bash
```

```
# modprobe first modprobe garmin_gps pid=`pidof gpsd` kill -9 $pid # kill gpsd because fuck you  
gpsd /dev/ttyUSB0 # restart kismet -f /etc/kismet/wifisec.conf # run kismet with wifisec config </sxh>
```

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