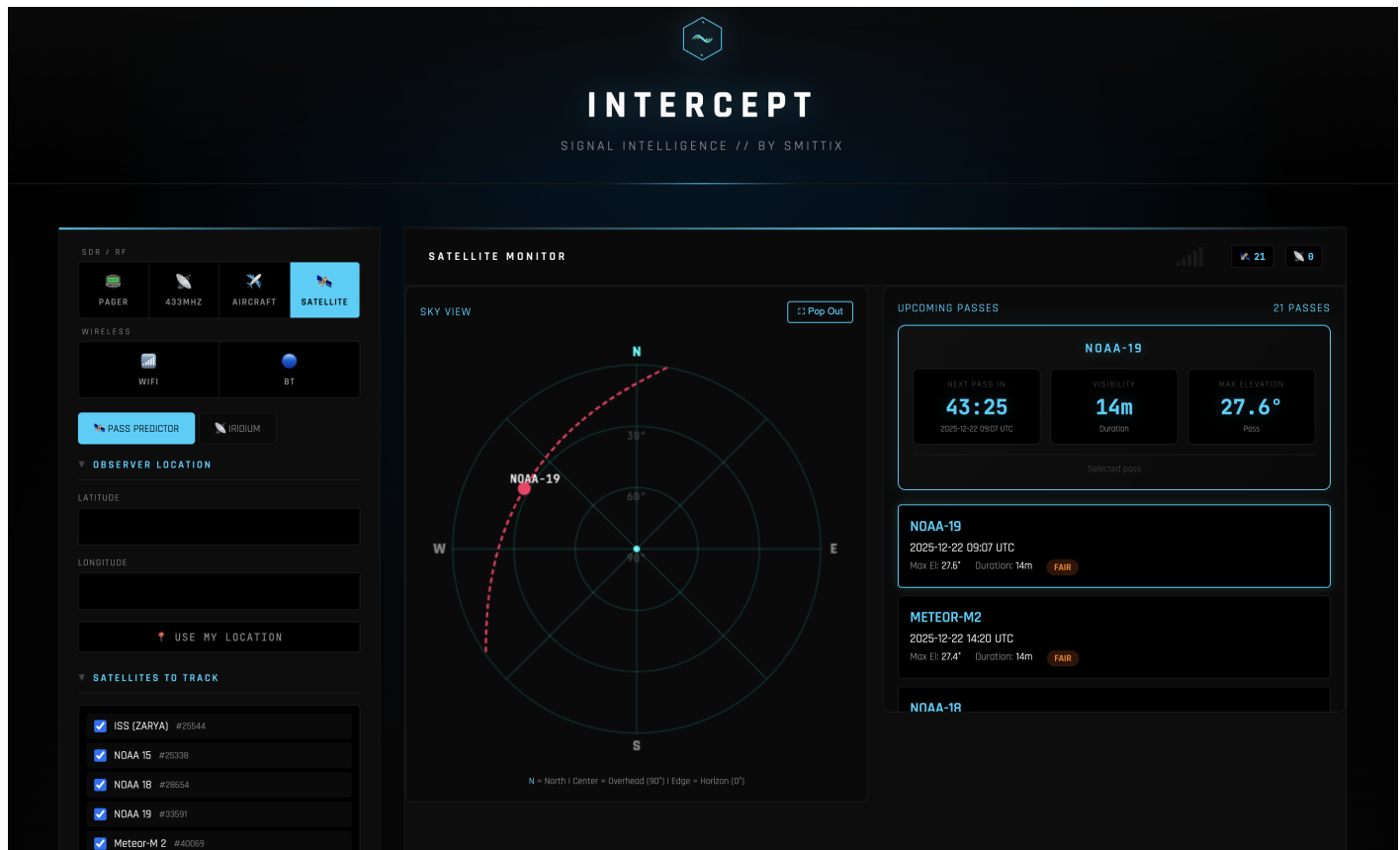# Intercept

This looks like a pretty interesting GitHub Project:

> **Signal Intelligence Platform**
>
> A sleek, modern web-based front-end for signal intelligence tools. Unified interface for pager decoding, 433MHz sensors, ADS-B aircraft tracking, satellite monitoring, WiFi reconnaissance, and Bluetooth scanning.

I gave it a try on my main computer and it was pretty easy to install and use.

Installing Intercept

I first installed the dependencies:

```
sudo apt update
sudo apt install rtl-sdr multimon-ng rtl-433 dump1090-mutability aircrack-ng bluez
bluetooth
```

At this prompt, I selected NO:

```
dump1090 can be started automatically via an init-script. Otherwise, the init-script
does nothing; you must
run dump1090 by hand.
You can modify the options used when automatically starting dump1090 by running "dpkg-
reconfigure
dump1090-mutability" as root, or by editing /etc/default/dump1090-mutability.
Start dump1090 automatically?
```

Then I installed the program:

```
git clone https://github.com/smittix/intercept.git
cd intercept
./setup.sh
sudo python3 intercept.py
```

Running Intercept

To start the program, I ran:

```
source venv/bin/activate && sudo venv/bin/python intercept.py
```

For convenience, I add this to my alias.

This gives more instructions on how to access the program, and how to stop it:

```
==================================================
 INTERCEPT // Signal Intelligence
 Pager / 433MHz / Aircraft / Satellite / WiFi / BT
==================================================

Open http://localhost:5050 in your browser

Press Ctrl+C to stop
```

It also shows other IP addresses where the program can be accessed (which I'm not showing here).

I added more details of what I was able and unable to decode in the discussion (must be logged into the website to see). Add comments if you give it a try!