

CONCEPT'S IDEA CANVAS

Idea's name: **Evolo**

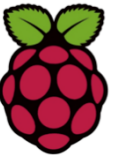
Participants: **Simon, Gupta, Rad, Bisztray, Szabó**

Which are potential customers of your idea?

- Independent house owners
- Privacy concerned home users living in houses with big gardens



Is other IP (eg. components) involved and who owns it?



Raspberry Pi
Raspbian Linux
python-wifi module
Scapy

Which of their problems are you trying to solve?

Securing private properties and privacy of home users.



Which are the key functionalities of your solution?

- Automatic drone detection
- Three modes of operation
 - a. Land every drone immediately – no return of control
 - b. Take control for a short time | rotate as a sign of warning | give back control | if the drone stays in Wi-Fi-range, then mode 'a' is activated
 - c. Take control for a short time | rotate as a sign of warning | give back control | If drone continues to come closer, mode 'a' is activated

- Fully autonomous malicious drone detection
- Notification system

1. We autonomously protect airspace against trespasser drones.
2. We take-over all unauthorized drones which are trying to enter the protected area.
3. We offer configurable multiple modes of operation.
4. We offer controlled and configurable area of operation.

Which is your unique contribution or added value?



How does your solution performs with respects to other solutions?