Green PI – Direct Communications

http://www.green-communications.fr

Green Communications

- Innovative SME in telecommunication networks

- Created in 2010 after a technology transfer from Paris-Saclay and Sorbonne Universities and the CNRS
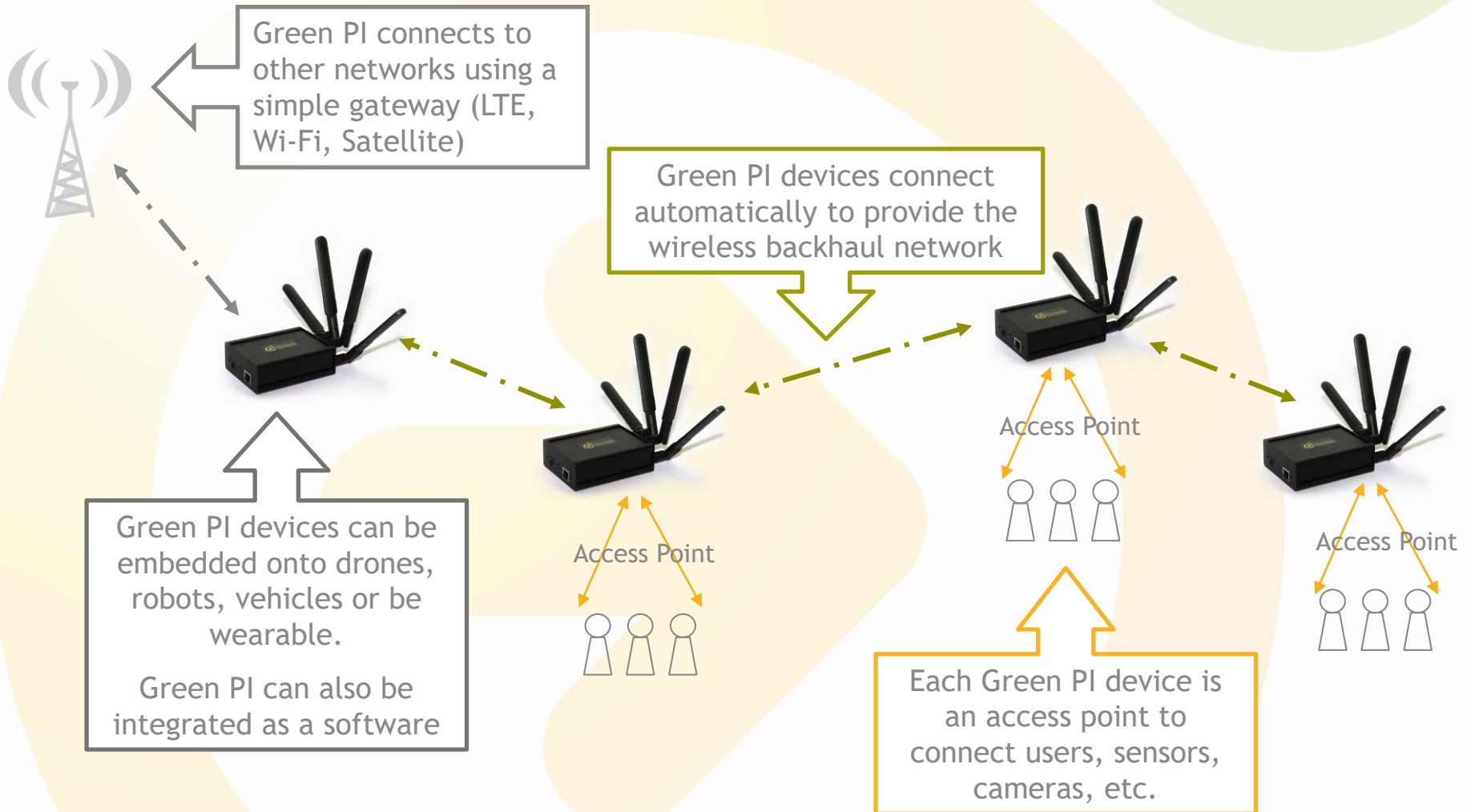
- Our product:

   Green PI is a mobile network with embedded cloud providing high bitrate direct communications with shared intelligence between fleets of drones, robots, vehicles and groups of people.

- Added value: autonomous network, distributed services, high performances, open technology

- Two patents on routing protocol and energy saving

- Referenced by NATO

- Client references:

Green PI Solution

1) Embedded wireless network for high bitrate direct communications

Green PI connects to other networks using a simple gateway (LTE, Wi-Fi, Satellite)

Green PI devices connect automatically to provide the wireless backhaul network

Green PI devices can be embedded onto drones, robots, vehicles or be wearable.

Green PI can also be integrated as a software

Access Point

Access Point

Access Point

Each Green PI device is an access point to connect users, sensors, cameras, etc.
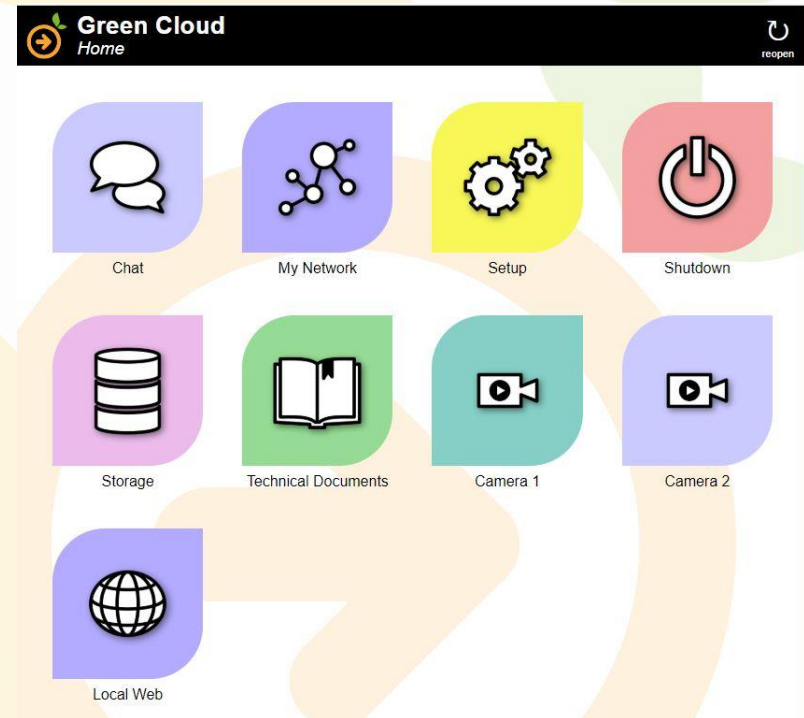
Green PI Solution

2) Embedded cloud with local applications and services

Local applications and services are hosted directly into the Green PI devices and distributed in the network:

- No single point of failure
- Working with no need of Internet connection
- Privacy & security
- High quality

Among the local-based services, Green PI offers:

- Chat
- File sharing system
- Network view
- Easy setup
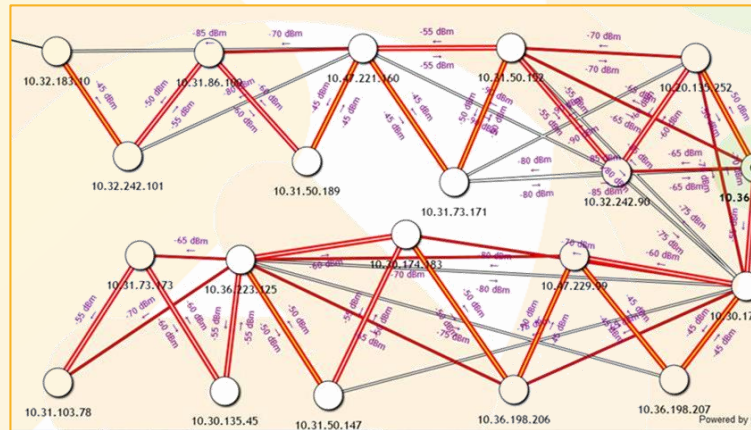- Client's vCard editor (user directory)
- ...

Local Portal

www.gnyoi.com

Green PI Performances

- Green PI's routing protocol is the result of 10 years of research and development. It achieves unique performances in terms of network robustness and mobility relaying real time video up to 30 Wireless hops.

- The infrastructure is distributed and resilient to any failure of its components

- The technology is open to the integration of third-party IP software

- The solution is IP-based (Internet Protocol) and interoperable with any other system via the IP protocol

They Trust Us

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