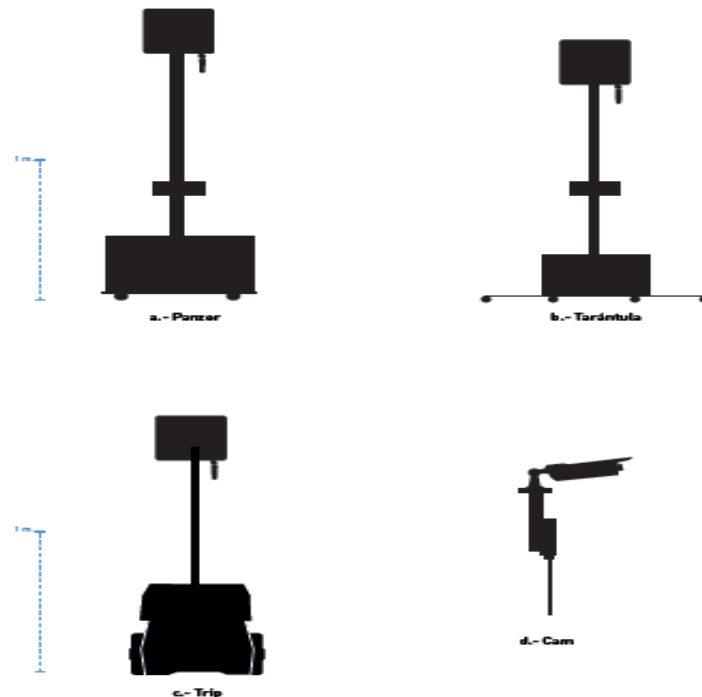# Mobile Node Pilot Progress

Fernando Gros González

04-03-2013
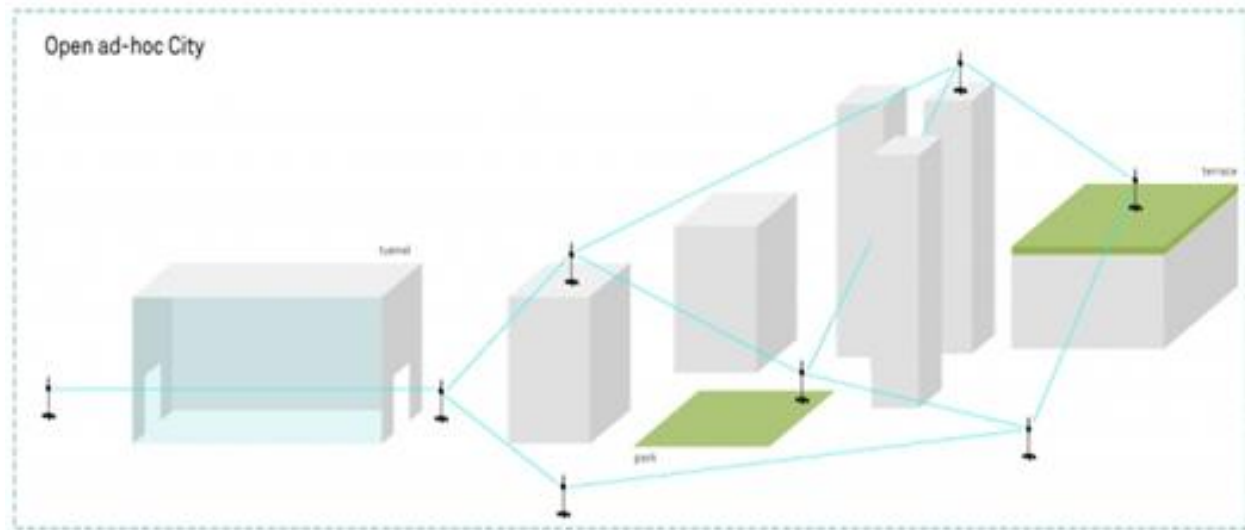
Outline

- The Pilot
- Mobile Node App
- Demo

The Pilot

The mobile node is a portable and auto-configurable transmission unit with wireless technology that offers mobility in the urban space. This node is designed to contribute to the digital mesh through existing networks. Furthermore, it provides connectivity with a wide range of different hardware: fix nodes, other mobile nodes, smartphones, pc, tablets, etc.

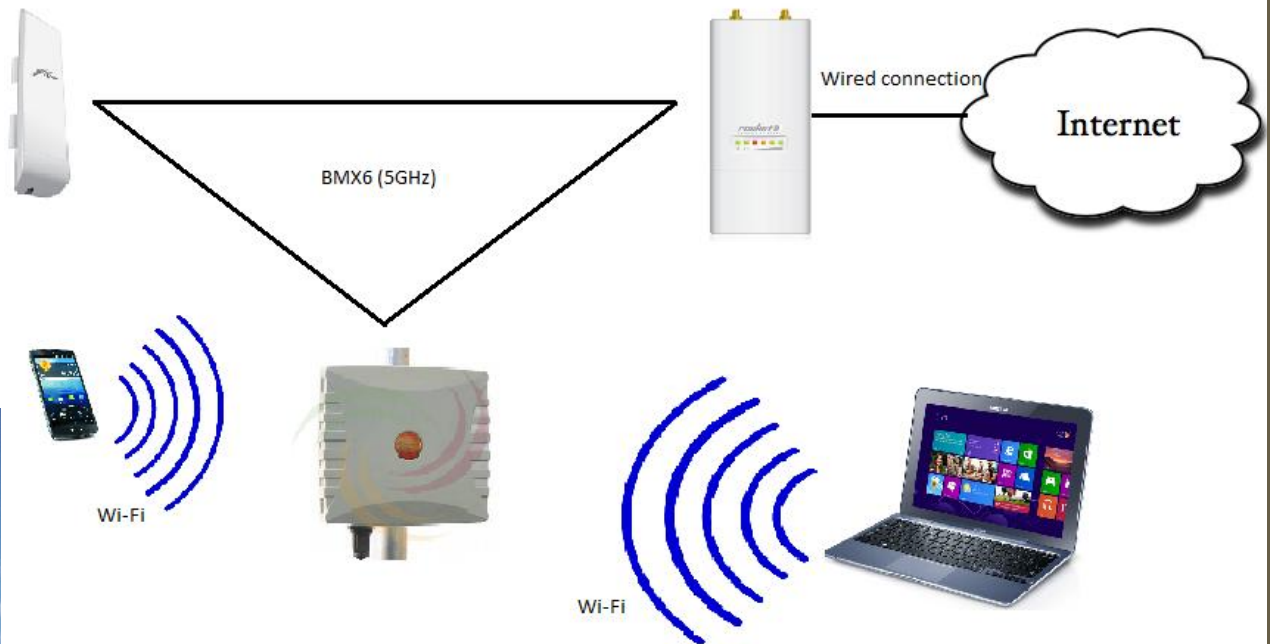a.- Panzer
b.- Tarántula
c.- Trip
d.- Cam

The Pilot

The basic idea that lies behind the concept of the mobile node, is the socialization and modeling of the networks according to the interests and needs of communities and citizens, completely changing the paradigm. At present, networks are designed and deployed based on corporate and/or government interests, this fact does not allow the house user to control its data flows and, much less, get involved in the process.
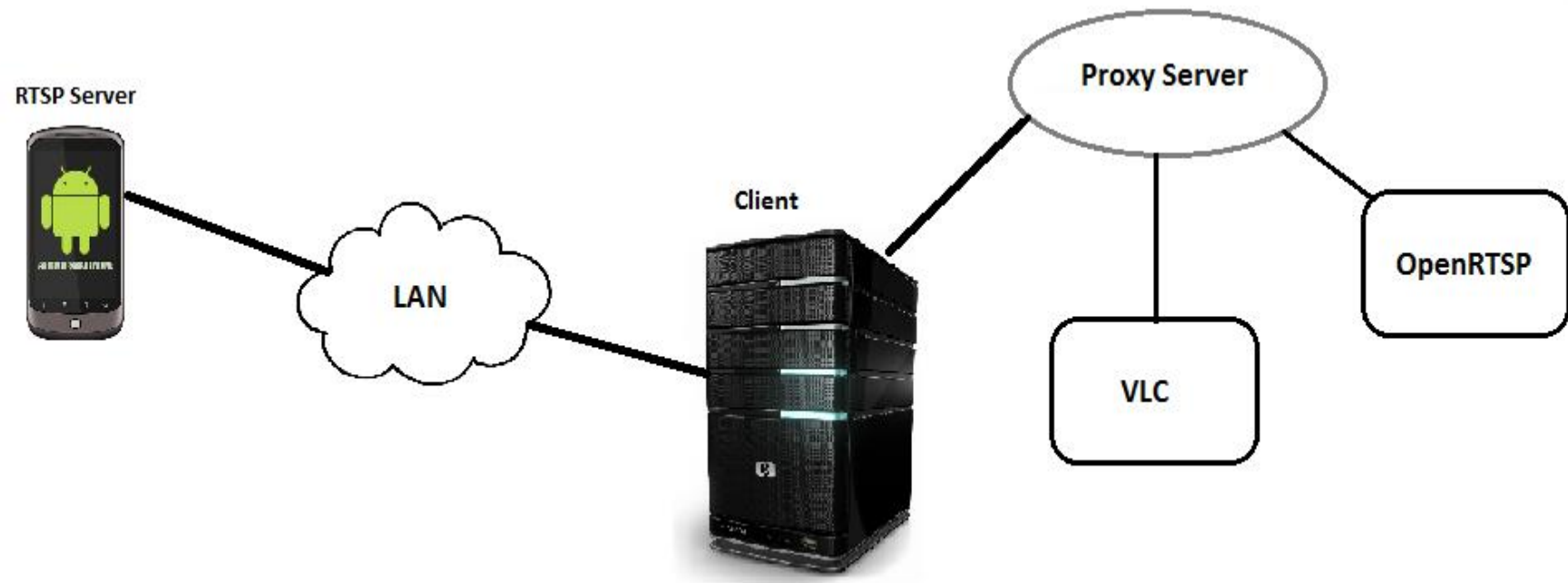

Open ad-hoc City

The Pilot

Mobile Node APP

The mobile node Android application basically sends a video stream from the smartphone to any client in the same network. This video is captured from the phone camera and transmitted using RTSP (Real-Time-Streaming-Protocol).

DEMO

Thank you for your time!