

# **“The Broadband of tomorrow”**

**“4G cost efficient high speed Wireless for municipalities and service providers to implement video surveillance, traffic control, security and broadband Internet access”**

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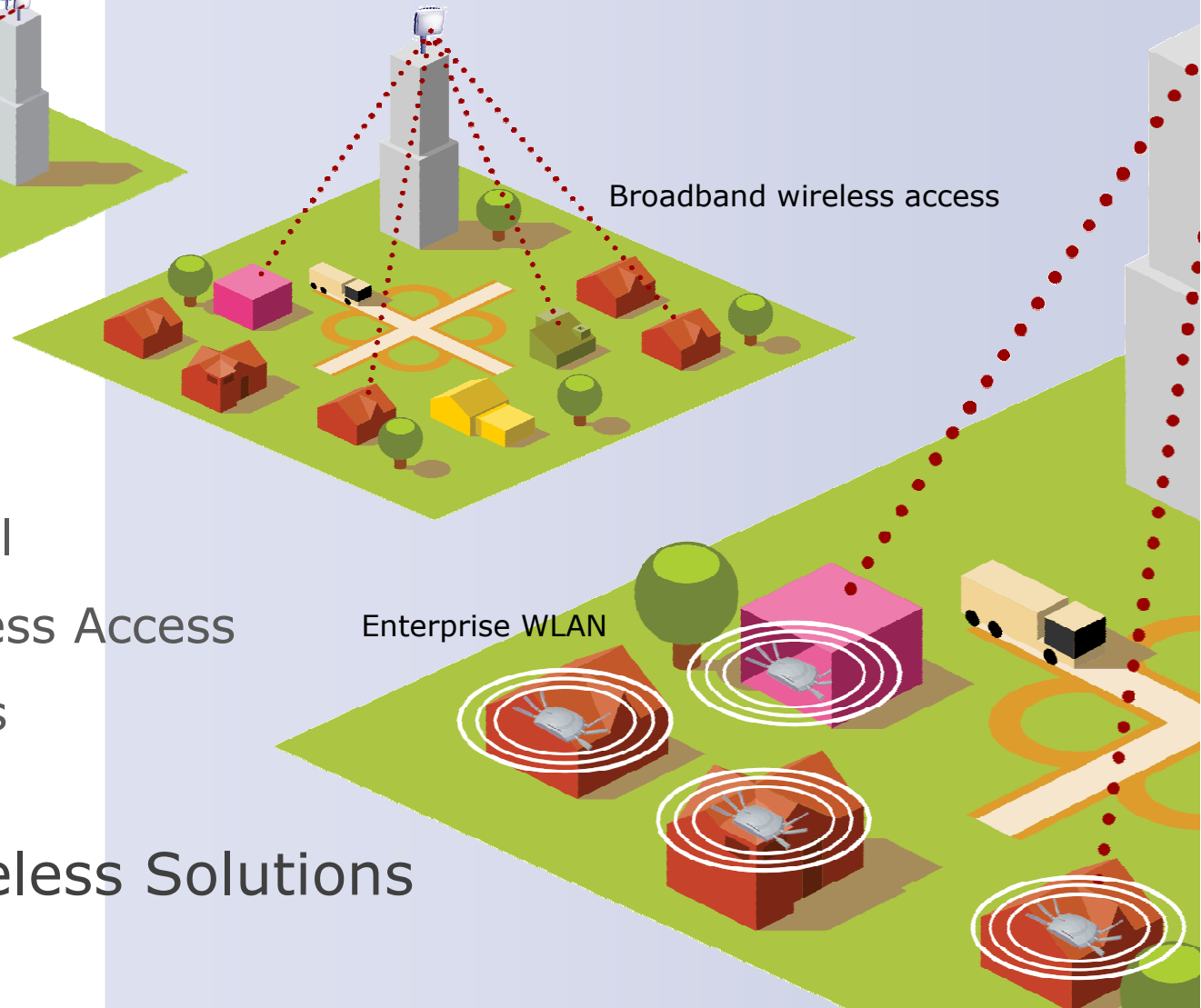
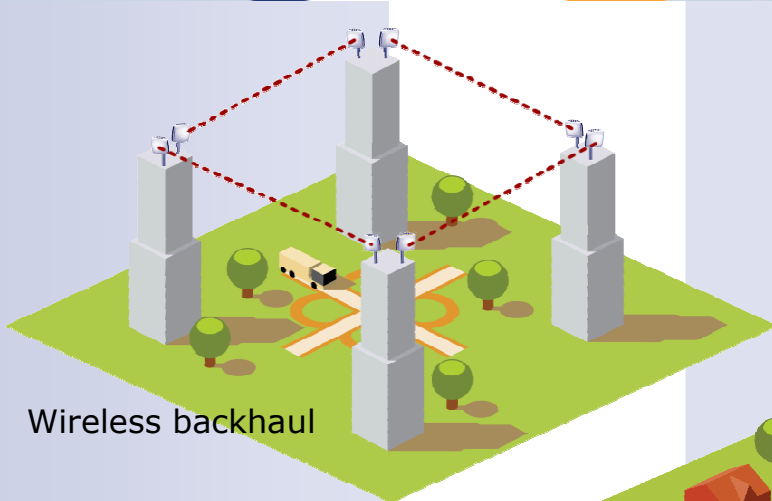


## About Proxim Wireless

- **Headquartered in Silicon Valley**
  - > 27 years in the field of Wireless Networking
  - > More than 135 Wireless Technology Patents
  - > 250,000+ customers, 1.5+ million units deployed
  - > ISO-9001 certified
  - > 2 Billion \$ in cumulative R&D investment
- **Industry's Most Unified Wireless Solutions Portfolio**
  - > Enterprise / Public WiFi, WiFi Mesh
  - > Multi-Point/WiMAX, PtP Wireless Backhaul
  - > Video, Voice, Data, Broadband
- **Wi-Fi Alliance founding member**
- **WiMAX Forum founding**



*We are the only end-to-end, completely wireless company*



- Wireless Backhaul
- Broadband Wireless Access
- Enterprise WLANs

End-to-End Wireless Solutions

- Use Wire wherever wires are available
- In areas without infrastructure, wireless investment is only a fraction of digging wires
  - > Use Wireless deployments on places without a wire
  - > Flexibility
  - > Easy to expand and fit changing needs
  - > Enables fast setup and teardown for special events or emergencies, etc
  - > Lower cost than laying wires or fiber
  - > Fast ROI

- Cellular Data, Voice & Video Backhaul
  - > Uses wireless as an alternative to backhaul the cellular voice video or data cell tower traffic back to the cellular network
- Last Mile Connectivity
  - > Wireless radios used in place of DSL or Cable to provide internet access to business or home
  - > Mobile communication f. e. for police and emergency teams,
- Security & Surveillance
  - > Any deployment where wireless radios are used to transport video from surveillance cameras mounted either indoors or outdoors
- Governmental Services
  - > eGovernment
  - > eHealth
  - > eLearning

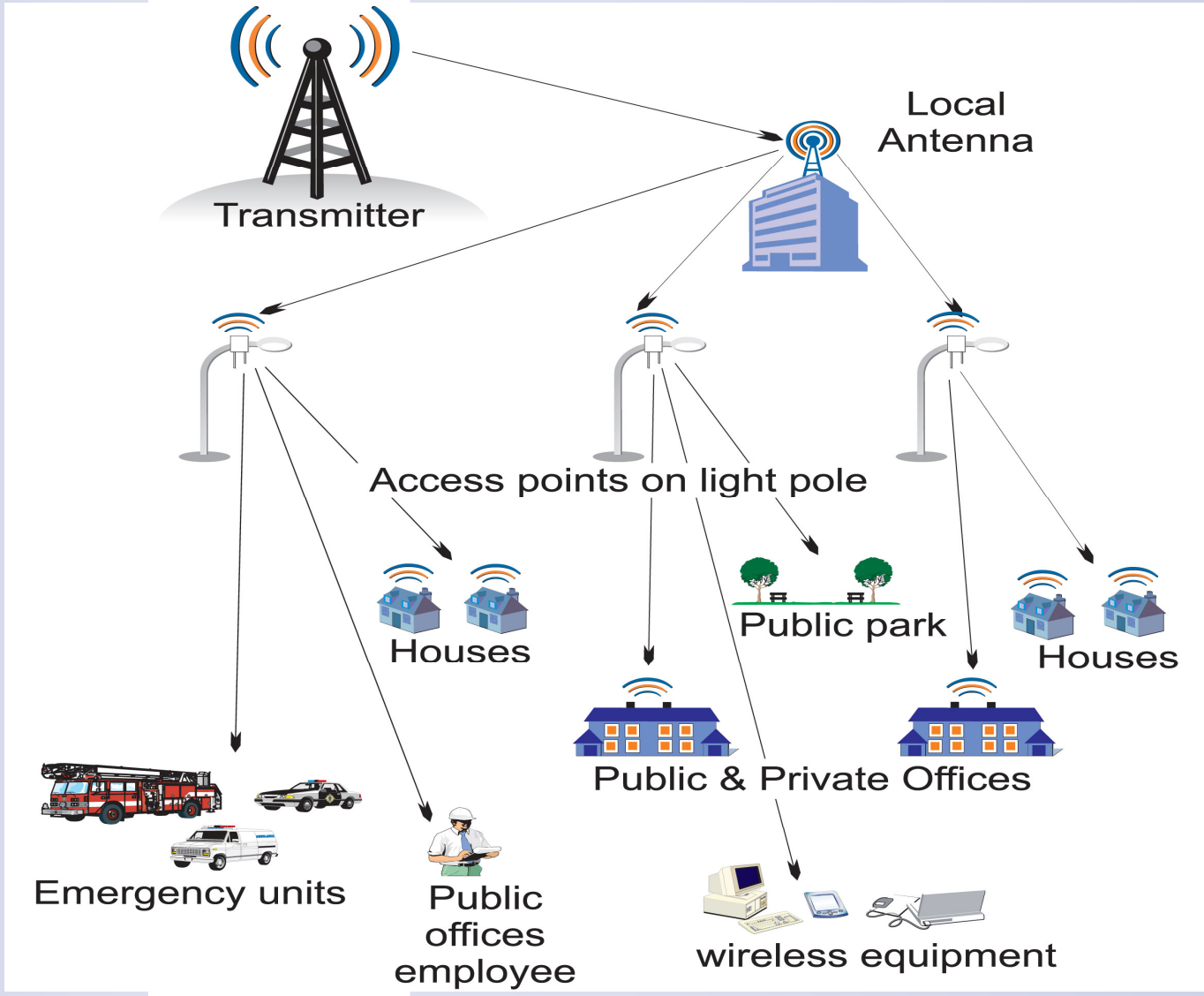
Municipal Wireless deployed in the city of Brasov, Romania



**BRAȘOV**

Target was:

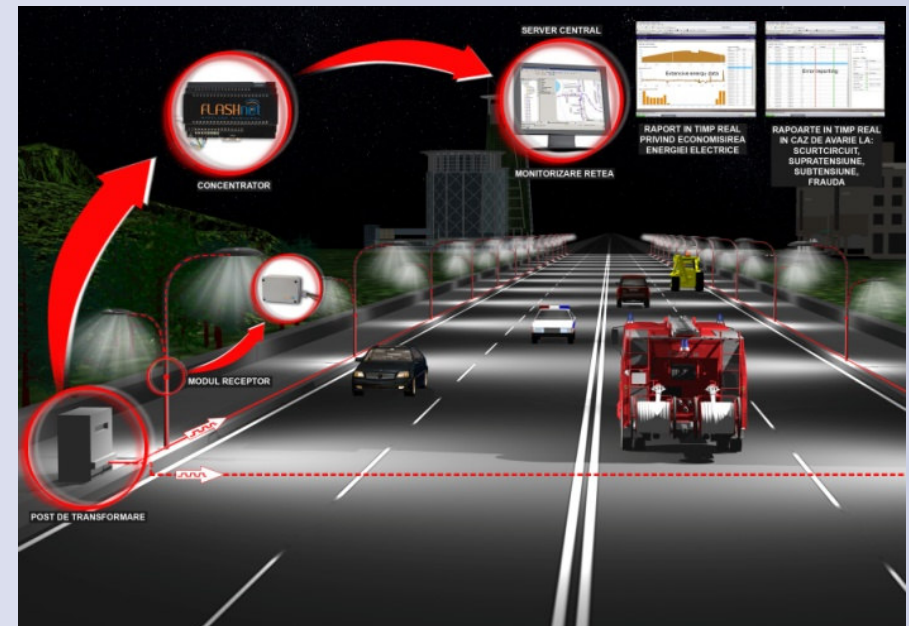
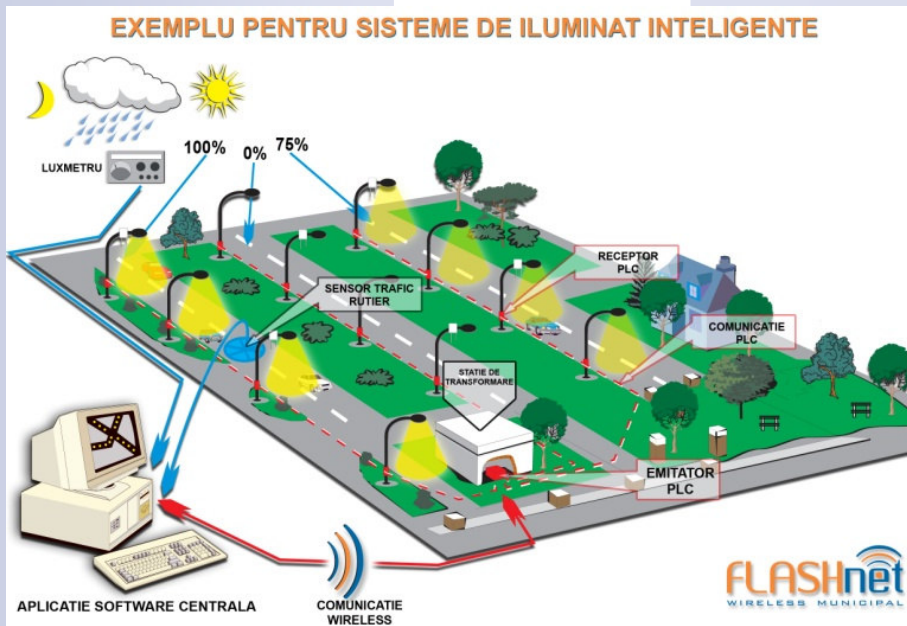
To install a city wide communication solution which is fast and easy to install, flexible and cost efficient



permanent electric energy for the wireless equipments and other devices placed on the public lamp posts

**Solution – public lighting management system developed by FlashNet, which benefits both – Municipality and Wireless solution from Proxim**

*Municipality lowers the costs of the electric energy for public lighting by up to 30%, using an system which manages and controls the electricity also increasing the lifespan of the light bulbs.*





- Traffic monitoring (cameras) and management (reduce congestions)
- Fixed video surveillance for public places (reduces crime)
- Mobile video surveillance for special events (security)
- Environment pollution monitoring
- Communication solutions for public safety (ambulances, police, fire brigade)
- Support for e-Government, e-Health and e-Learning
- Wireless Internet services with city wide coverage
- Mobile database access
- Wireless access for visitors and tourists (Hot spots)
- **Public street lights - network management (20-30% energy saving)**



- Public-Private partnership with municipality.
- With the support of local authority of Brasov
  - Local authority has the access to licensed frequencies
  - Local authority could provide best location and towers for wireless radios
  - Use street lamps to mount cameras and wireless communication



- Proxim provides end to end Wireless solutions for:
  - > Security & Surveillance
    - traffic control & management, security, events
  - > Governmental Services
    - eGovernment, eHealth, eLearning
  - > City wide communication for
    - public safety agencies, emergency,
    - hot spots
- Proxim Partner provide street light control system
- Wireless is fast and easy, flexible and reduces installation cost

# Thank You

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## Proxim the Wireless Company