

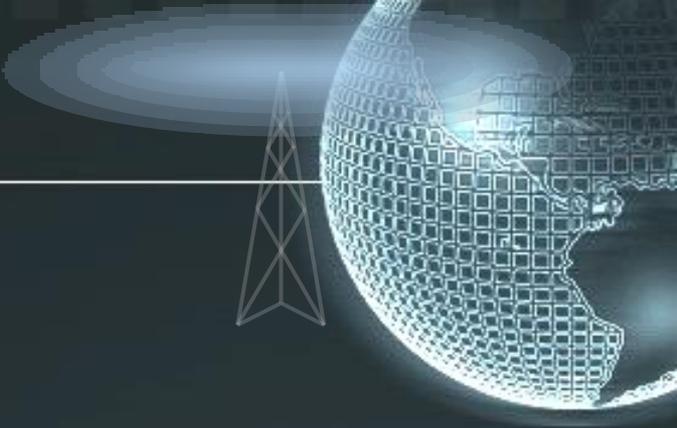
**conxx**™

**Carrier  
Communication  
Platform**

Solving the  
Interoperability  
and Digital Divide for  
Allegany County

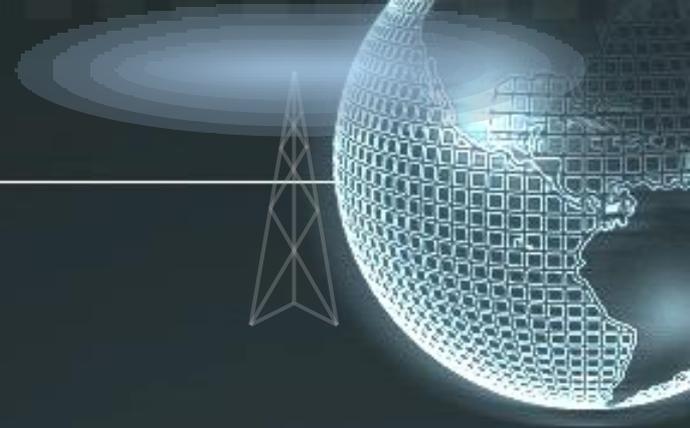


# Agenda

A decorative graphic in the top right corner featuring a wireframe globe and a communication tower with signal waves emanating from it.

- AllCoNet History
- The Need for Municipal Networks in Rural America
- Interoperability + Open Access
- Applications / Benefits

# About AllCoNet

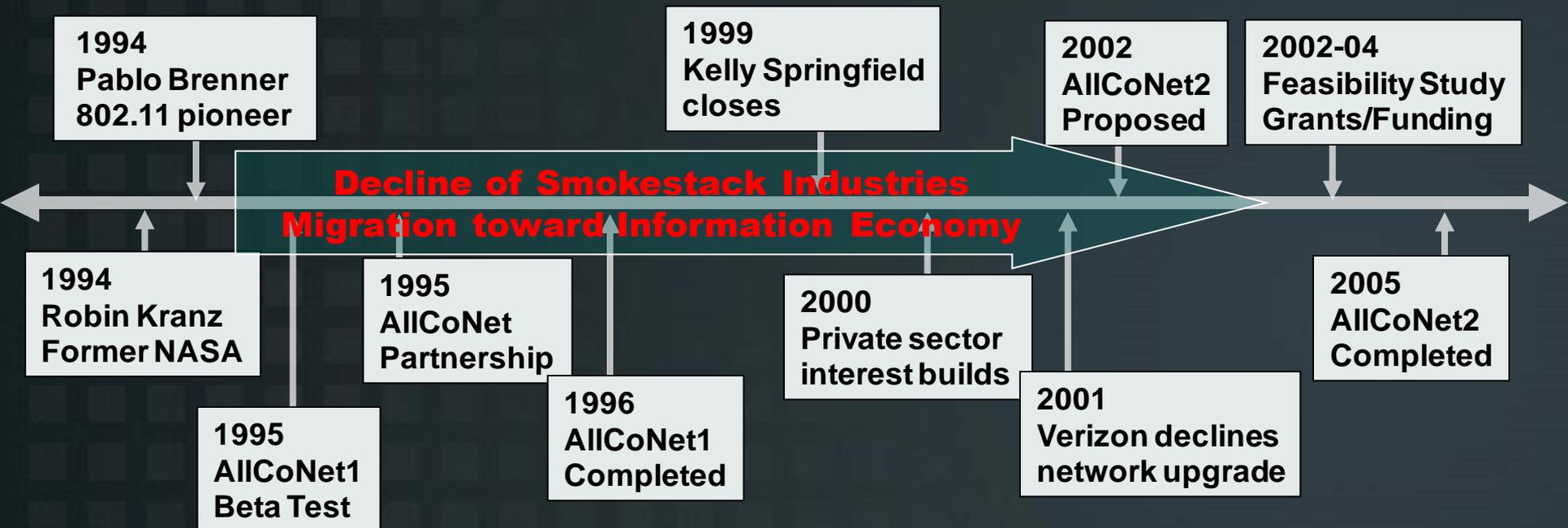


- **Carrier Communication Platform**
  - Mature – in development and operation for over 10 years
  - Model Network in use since 1994 in Allegany County, Maryland - AllCoNet
- Solves the problems of interoperability, scalability, service quality, and network reliability.
- Merges data and voice **WITHOUT** emulation

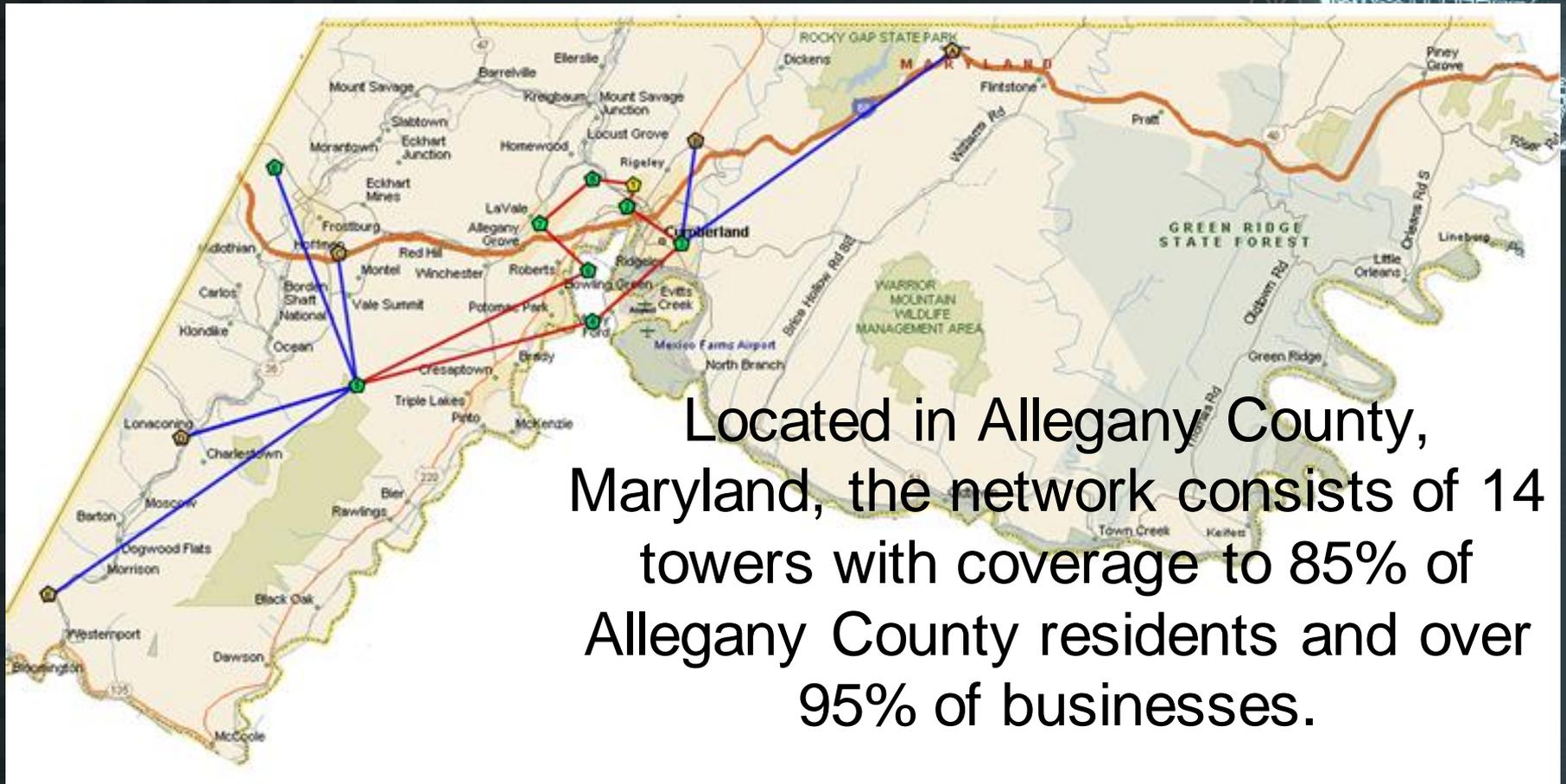
# AllCoNet History

“AllCoNet was created as an alternative to a wireline solutions for the delivery of Internet and private data services to schools, libraries and government agencies within Allegany County.”

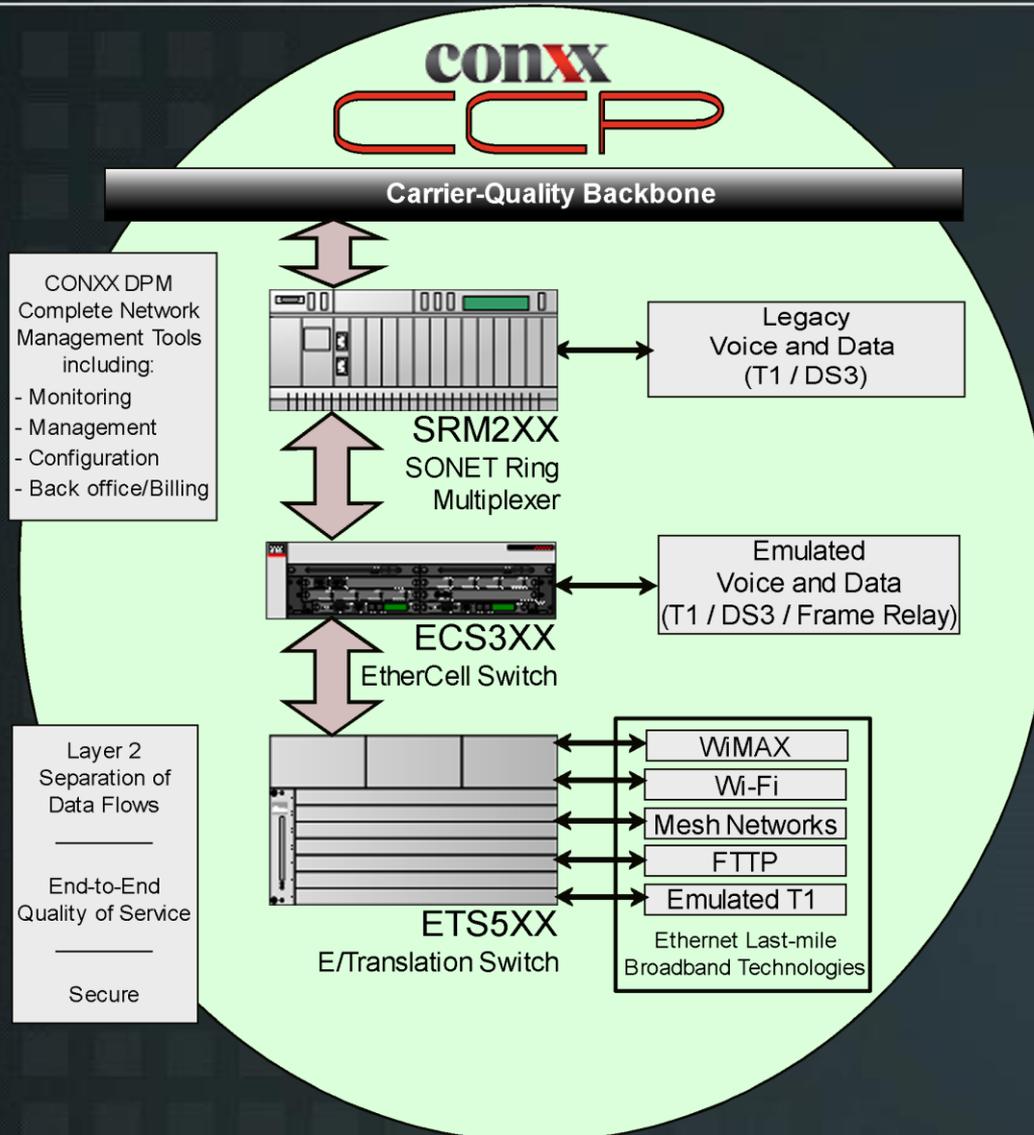
– Jeff Blank – creator of AllCoNet



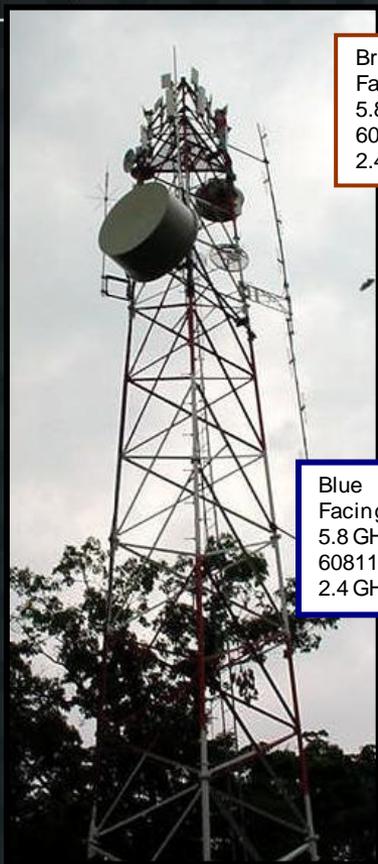
# Network Coverage



# The AllCoNet Solution



# AllCoNet As-built Network



**Knobby  
South  
Tower**

Brown  
Facing Triple Lakes  
5.8 GHz - 0010E78405C4 /  
6081053  
2.4 GHz - 6055711

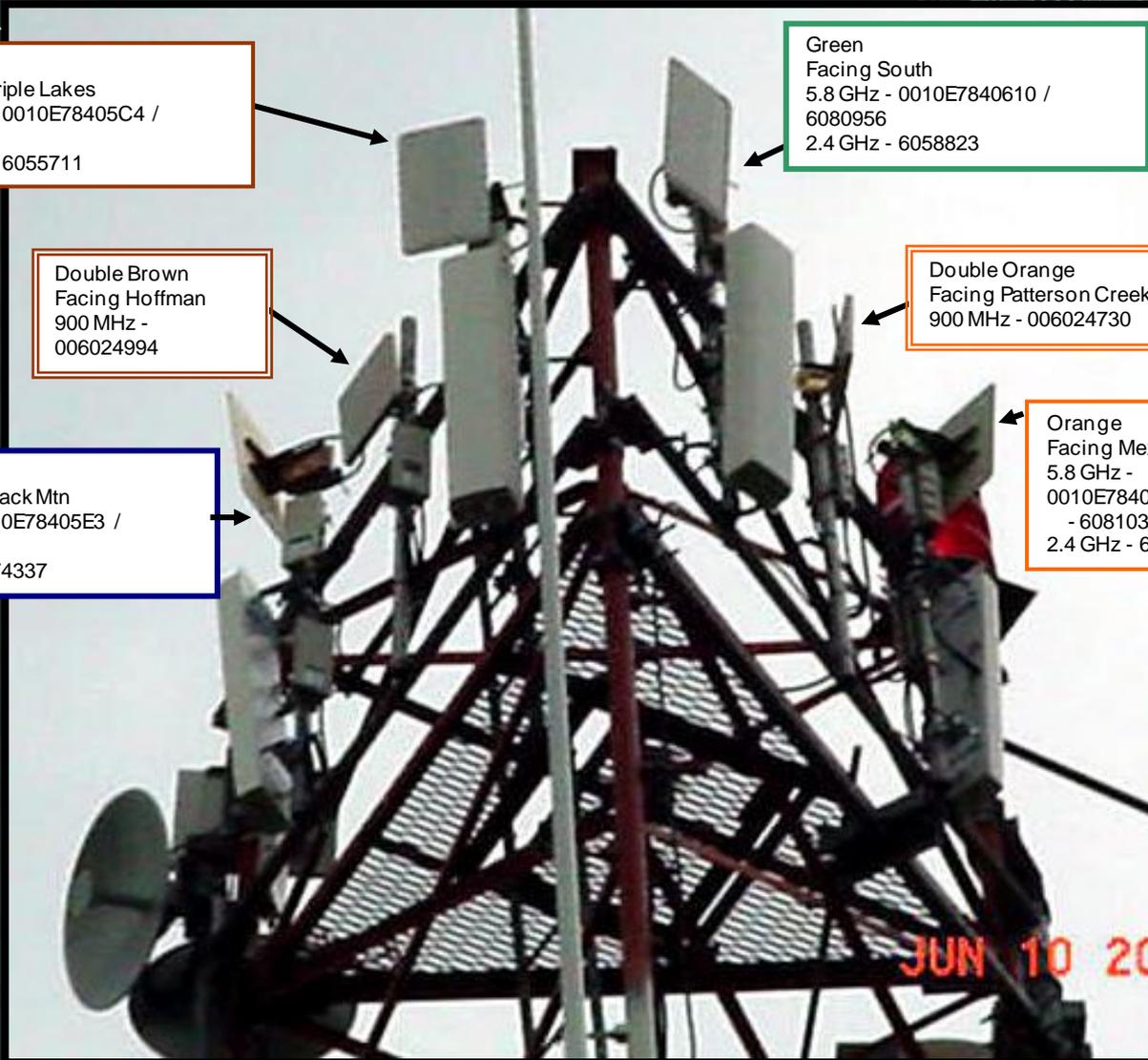
Double Brown  
Facing Hoffman  
900 MHz -  
006024994

Blue  
Facing Haystack Mtn  
5.8 GHz - 0010E78405E3 /  
6081144  
2.4 GHz - 6074337

Green  
Facing South  
5.8 GHz - 0010E7840610 /  
6080956  
2.4 GHz - 6058823

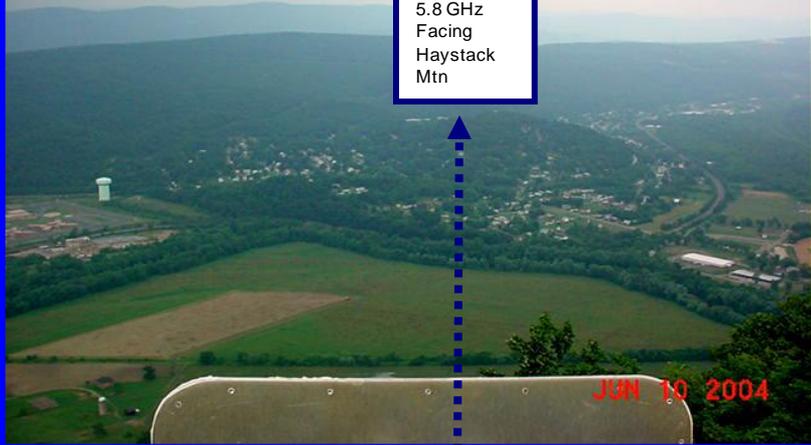
Double Orange  
Facing Patterson Creek  
900 MHz - 006024730

Orange  
Facing Mexico Farms  
5.8 GHz -  
0010E78405E7  
- 6081037  
2.4 GHz - 6058685

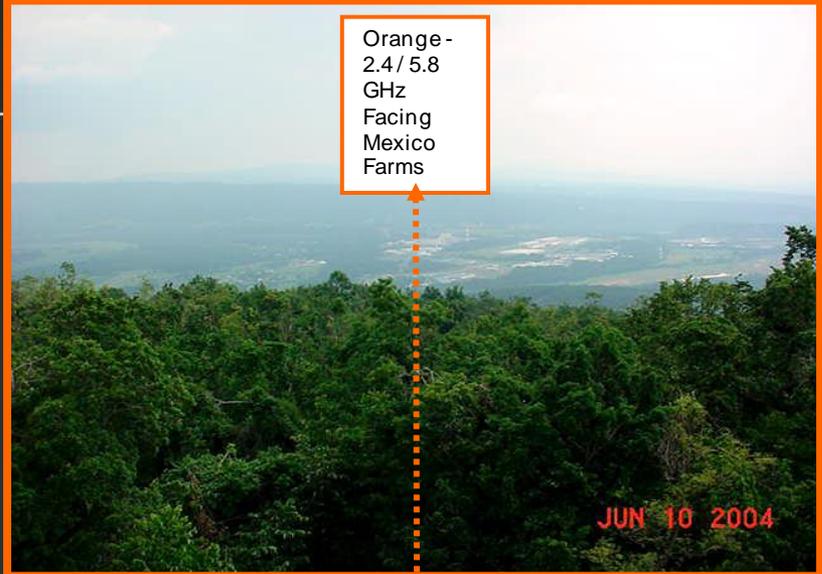


# Knobby South Tower Views

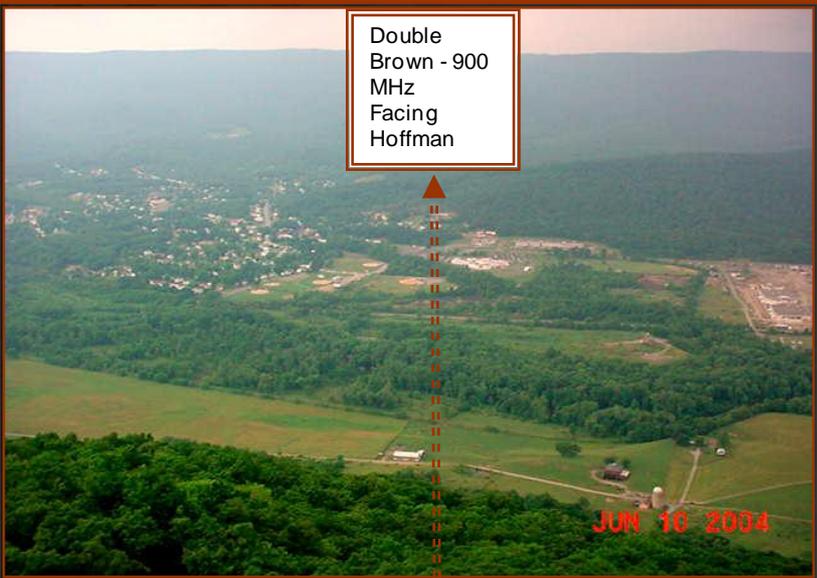
Blue - 2.4 / 5.8 GHz  
Facing  
Haystack  
Mtn



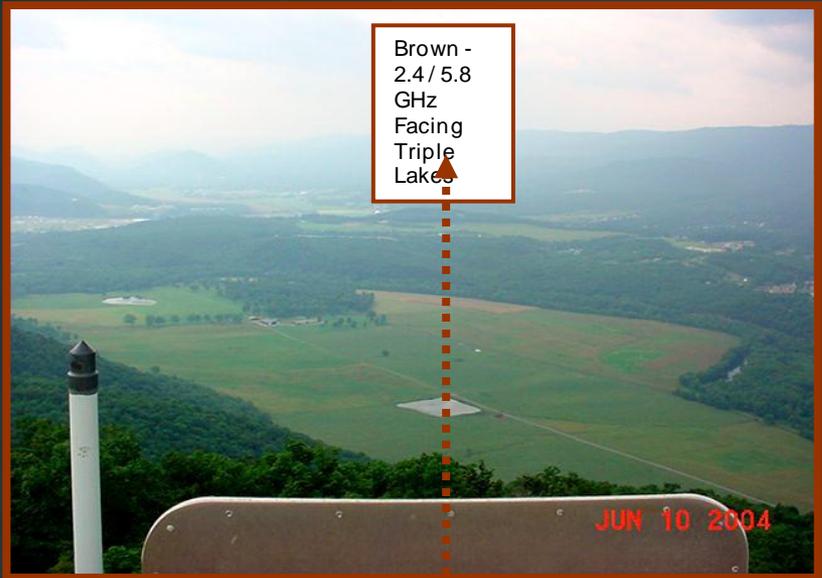
Orange - 2.4 / 5.8 GHz  
Facing  
Mexico  
Farms



Double  
Brown - 900  
MHz  
Facing  
Hoffman



Brown - 2.4 / 5.8 GHz  
Facing  
Triple  
Lakes

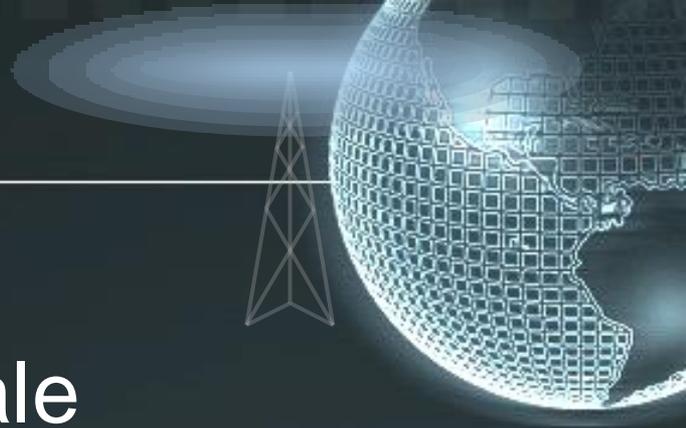


# The Need for Communications Infrastructure in Rural Environments



- Support economic development and growth thereby justifying a carrier class public safety network.
- Lower costs are achievable because infrastructure doesn't have to be recreated by service providers, add trunked systems without recurring costs.
- Improvement in services to schools, public safety and other government entities
- Eliminate the Digital Divide for residents and businesses
- Justify the network by bringing together all the networks in a region while maintaining agency sovereignty.

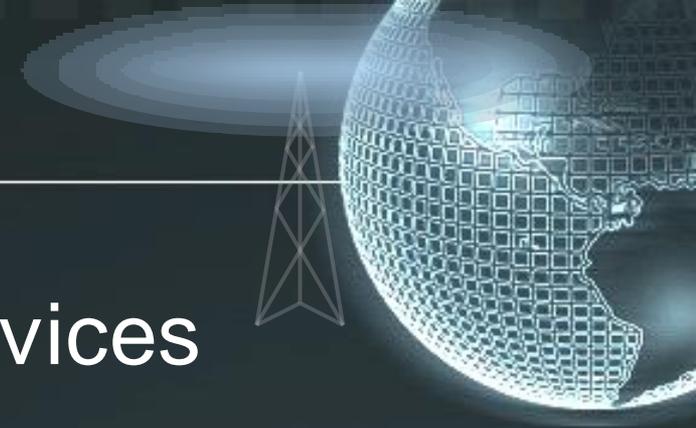
# Open Access



- Real Open Access, not resale
- Contributes to competition
- Lowers the cost to provide services to end users
  - No need to support multiple infrastructures
- More consumer choice

# Applications / Benefits

- High Speed Broadband Services
- Metropolitan LAN services
- Traditional T1 and DS3 services
- Public Safety Interconnection
- SCADA (serial control and data acquisition)
- Mobile services for first responder applications



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**Carrier  
Communication  
Platform**™

Thank you

