~~wireless~~

enhanced

9-1-1

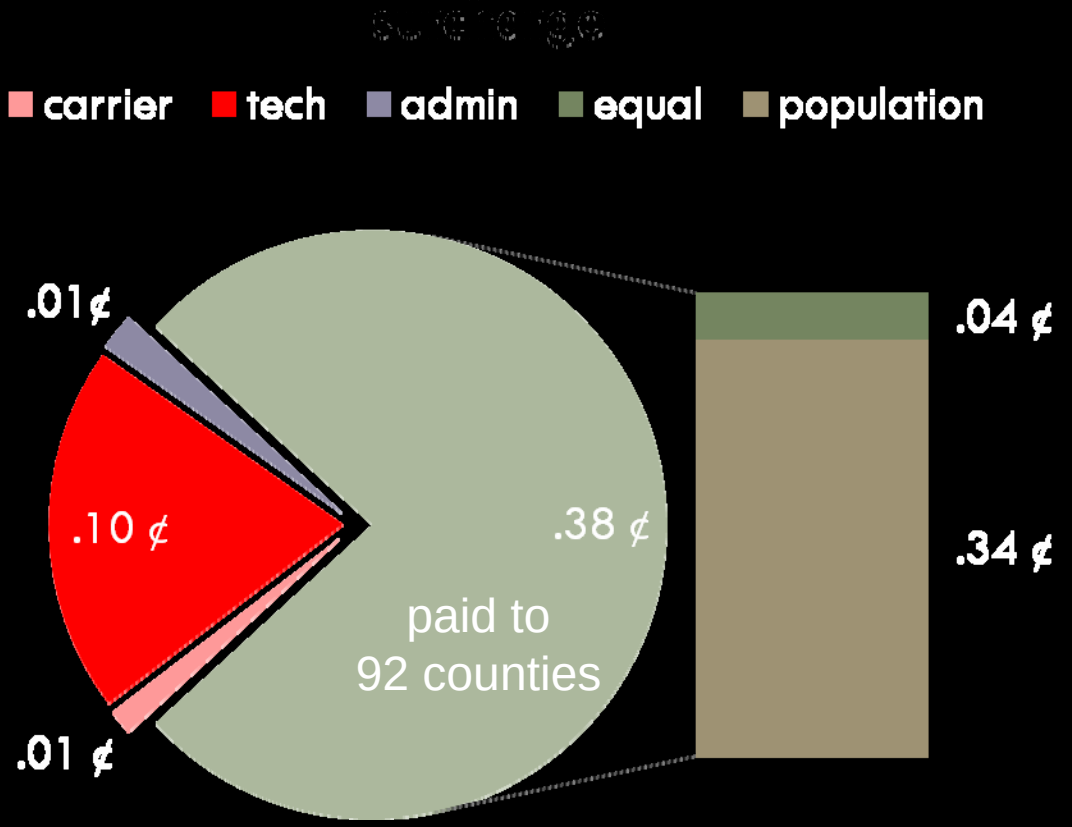
building the future

Indiana Wireless Direct Network

governing WE9-1-1

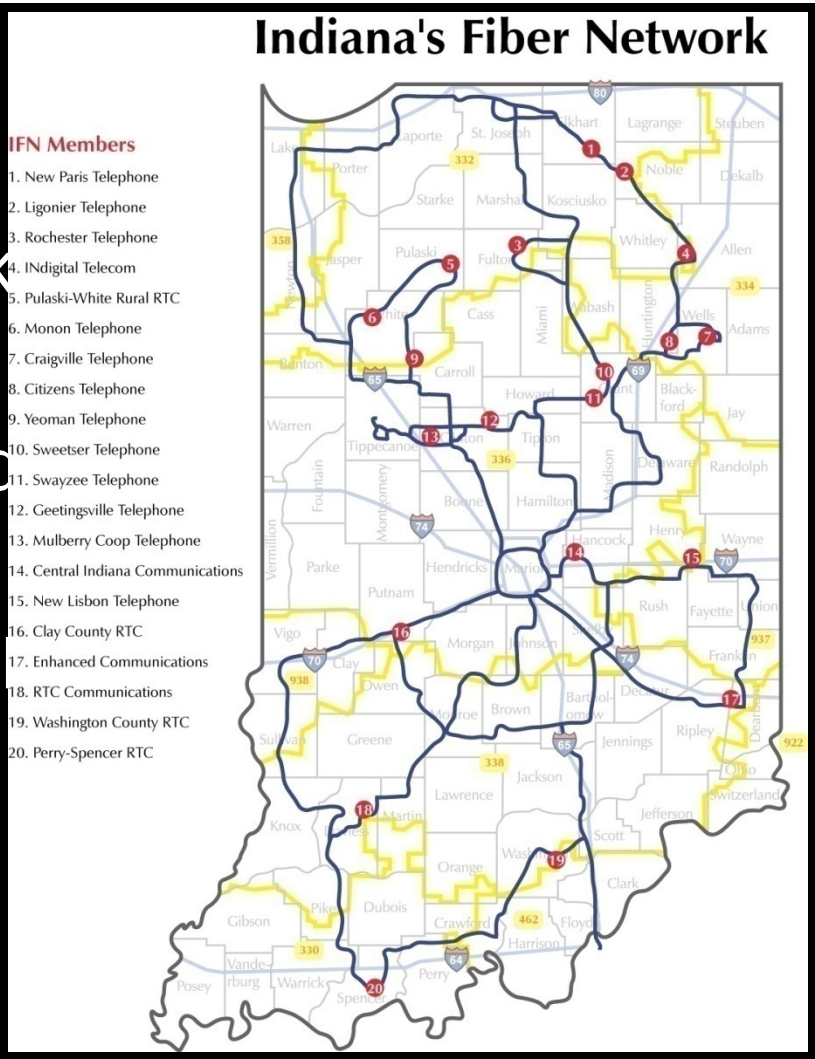
- the Indiana Wireless Advisory Board
- overseen by the state Treasurer – (Chairman)
  - 3 PSAP directors + 3 wireless carrier reps = progress
- legislative intent and goals
  - 65 ¢ worth of WE9-1-1 over 9 years
  - built a solid base for the next generation
- moving beyond cost recovery in Jan 2006
  - will 50 ¢ buy WE9-1-1 for 4 million handsets ?

breaking down a 50¢ surcharge



the spirit of Independent thinking

- Internet Protocol over fiber (SONET)
- we [a] Cisco–because it work
- redundant, private, general purpose broadband network for public safety
- stake holders favoring IWD
  - wireless carriers
  - PSAPs
  - equipment vendors



Indiana's WE9-1-1 success story

- Crossroads network (phase G-1)
  - live in January 2006, finished in December, 2006
  - 1.6 million WE9-1-1 calls in the first year
  - leveraged the investment in mapping, systems
- stakeholder response:
  - mapping, CAD, radio systems, wireless carriers all moved ahead toward the next generation
  - LEC's and some vendors prefer the past
- our absolute #1 do-or-die goal:
  NENA phase 2 (handset location) everywhere

our final county (Martin County)



creating the future

- barriers to the next generation of 9-1-1
  - the LEC providers, and their ‘supporters’
  - for Indiana, our funding model is sort of busted
  - working within the complex environment of…
- refining public policy
  - there is demand for NG9-1-1, but who will pay for it ?
- our project’s greatest strengths:
  - highly redundant, resilient IP at the PSAP
  - we can do that… what do you want to put on the network ?

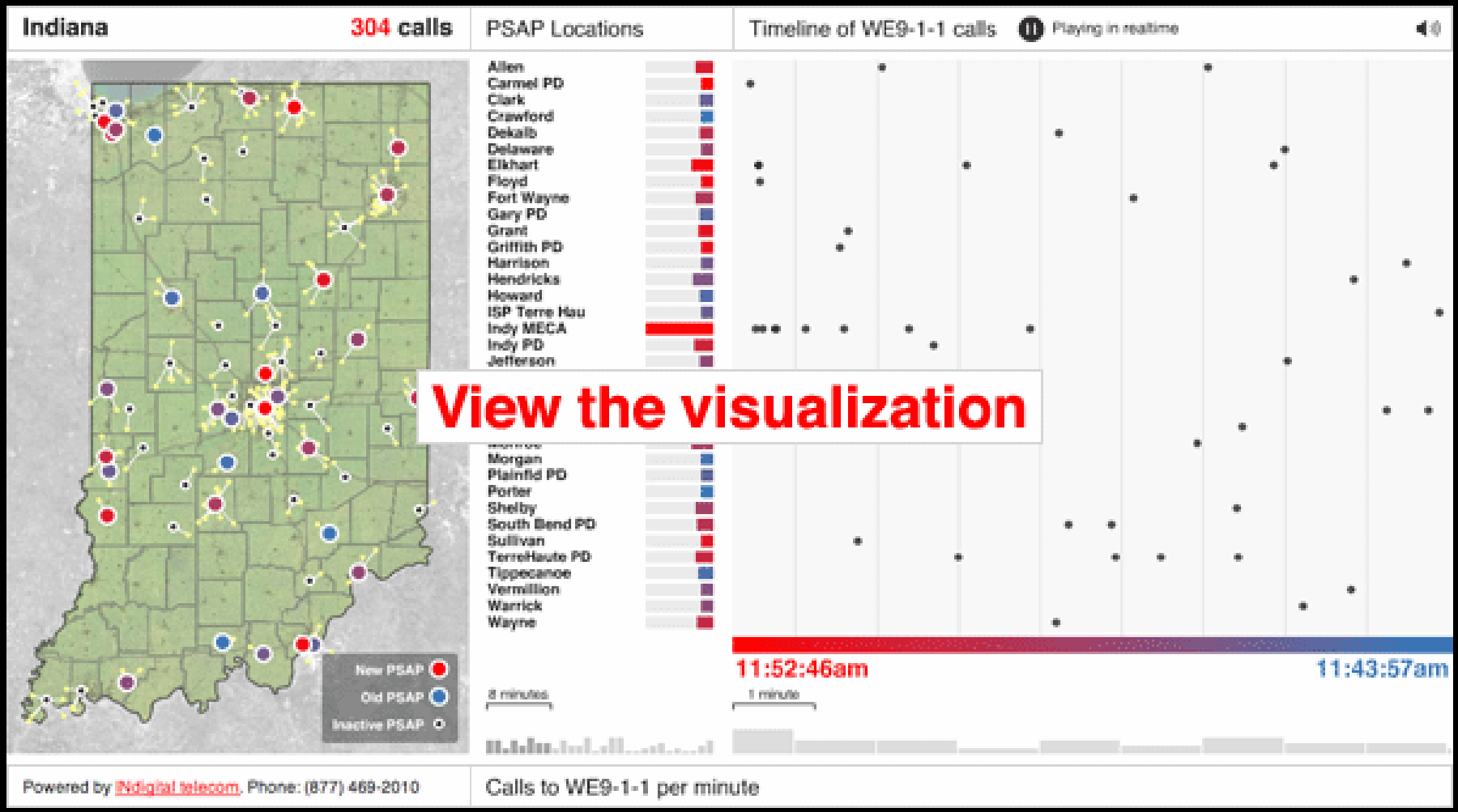
the future, today

- Phase G-2, the IN911 network
- every day brings new ideas, new opportunities
  - text / video messaging to the PSAP
  - inter-agency call transfer (voice and call data)
  - inter-agency radio access for dispatch
  - simplified disaster recovery methods
  - sharing network based platforms:
    - reverse 911 / coarse location based 511

looking ahead, into 2008

- edging out to connect adjacent states
  - the WE9-1-1 call can ‘move’ with the caller
- adding new services to the network
- doing all we can within the framework of the state statute
- surviving the legislative process in ‘08
- dealing with new, emerging technologies

explaining what we do for a living



View the visualization

parking lot for unused slides

a LEC meeting on next gen 911…

