



# AT&T Cellular Enhancement

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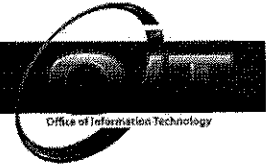
# AT&T Antenna Solutions

- In 2011 approached by AT&T with a solution to improve cellular service to the State Capitol
- Invited Verizon and Sprint to participate
- State team working with AT&T
  - Historical preservation
  - Contracting vehicle
  - Network
  - Legislative Council



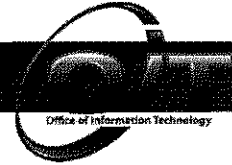
# Wireless Growth

- Explosive mobile data growth –double every year through 2014
- 93% of the US population has a wireless device
- 25% of households are wireless only
- Customer expectation is voice and data everywhere



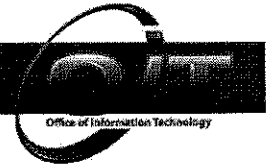
# Benefits

- Coverage in hard to reach areas
- Increase capacity in densely populated areas
- Safety addressed through ubiquitous E911 coverage



# Facility-wide Solution

- Distributed antenna system
  - Network of amplifiers and antennas
  - Low profile, compact
  - Custom designed for State Capitol
  - Ability for other carriers to provide service
- Increased coverage
- Increased capacity
- Increased reliability



# High level tasks

- Venue Design/Agreement
  - Agreement
  - Design/engineering
- Construction
  - Bid walk thru
  - AT&T selects contractors
  - Project plan review approval
  - Construction
- Operation
  - AT&T will maintain and repair as needed 24x7x365



# Questions?

