

# CommIX

Community Internet Exchange

<http://www.commix.org>

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# Brief History



- Utah Regional Exchange Point started '95
  - Started by ISPs, for ISPs (mostly)
  - (One of) largest, oldest, participant-owned
  - Dozen organizations, ~ 10Mb/s aggregate
  - Strict regional focus, no national ambitions
  - Simple MLPA: peer Utah customer routes
  - Neutral sponsor: Utah Education Network

# Evolution



- Biggest (bandwidth) participants are community-focused organizations
  - Education/govt, local media, big employers
  - ISPs represent small portion of traffic
  - Growth from “captive” audiences: utilities, health care, telemedicine
- Support distance-sensitive/aware applications

# What is CommIX

- Model for community peering developed in Utah
- Similar technically to (inter)national EP's
- Community-driven social/political structure
- Local-route MLPA
- Motivators
  - community/economic development
  - “keep to our own” attitude
  - community-oriented services (education, etc)
  - telecommuting
  - product differentiation



# CommIX Progress

- Still growing
- Larger network interest
- Municipal networks joining
  - 10-100x usage per user
  - FTTH/GigE/Ethernet initiatives
- Extended switch fabric: metro-area-EP
- Promote CommIX model regionally
- Governor who knows peering



# The Next Year

- Add more participants
- Co-op interest
- Regional collaboration/expansion
- National affiliations
- Greater ties to community interests
- Promote CommIX model



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