

NANOG32 – ARIN XIV

October 17th – 22nd 2004
Hyatt Reston Town Center
Reston, Va



Now anything's possibleSM

Corporate Facts

- Time Warner, Inc. TWX (NYSE)
 - Leading global media and entertainment company
 - Film, interactive services, television networks, cable systems and publishing

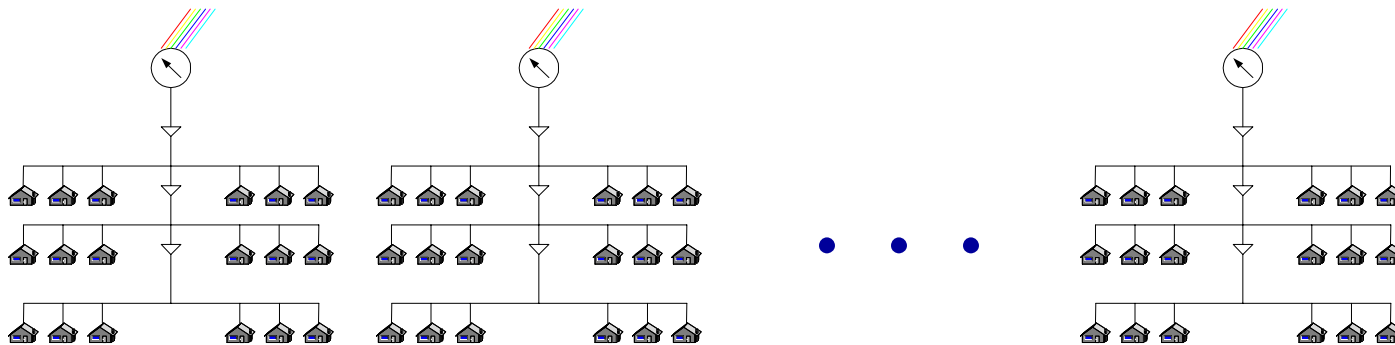


Time Warner Cable, Inc.

- Corporate offices in Stamford, CT, Westminster, CO, Charlotte, NC & Herndon, Va
- Offering services in 27 states
- Video, High Speed Data and Voice Products
- Networking Equipment
 - ~1700 CMTS's
 - 329 GSR routers
 - 107 10720s
 - 106 7500s
 - 13 T320s

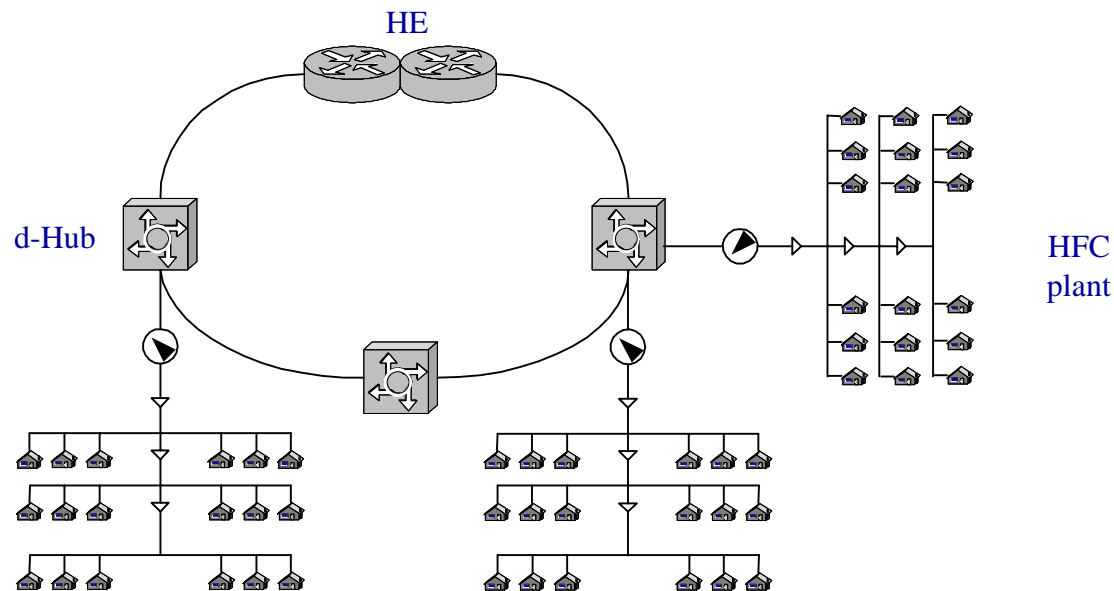
Infrastructure Overview

- Hybrid Fiber Coax (HFC) plant comprised of fiber nodes with 6 fibers and coaxial cable per 500 homes passed (HP)
- 40 fiber nodes are aggregated to Distribution Hubs serving 20,000 HP



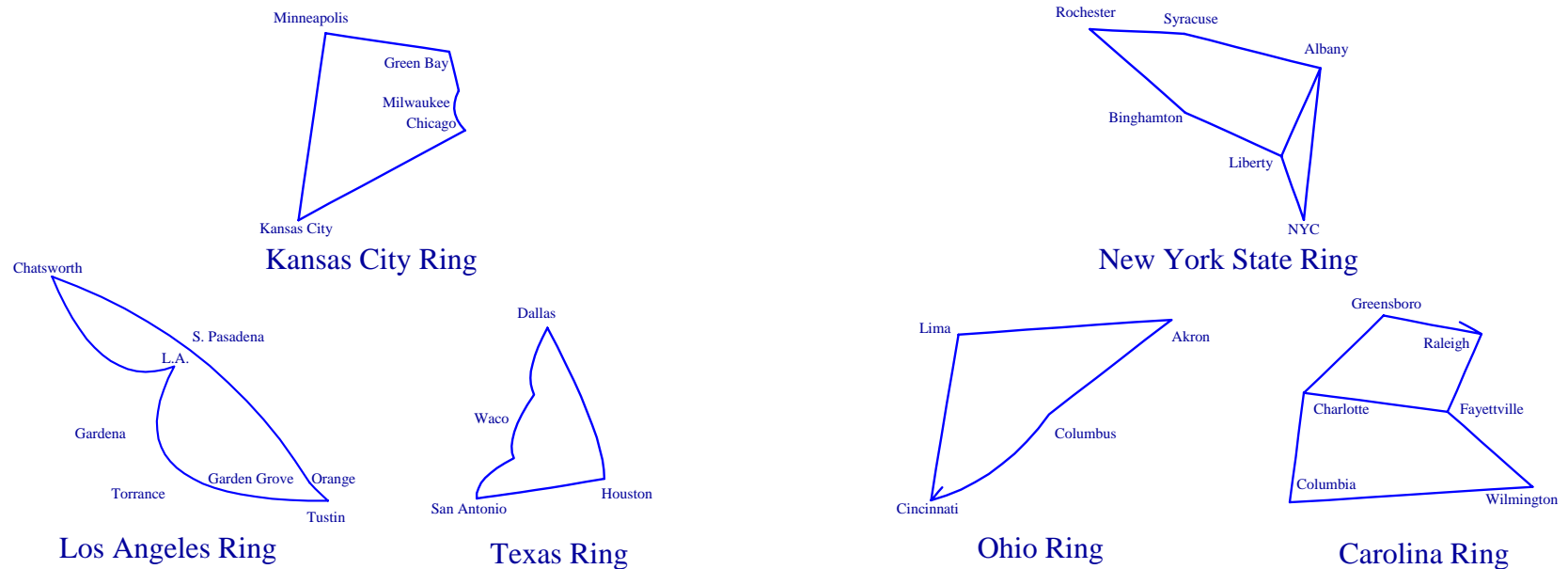
Infrastructure Overview

- Distribution Hubs are connected physically by a combination of rings and linear spans of fiber from the Headend (HE)
- HE density typically spans 500,000 HP covering a major municipality



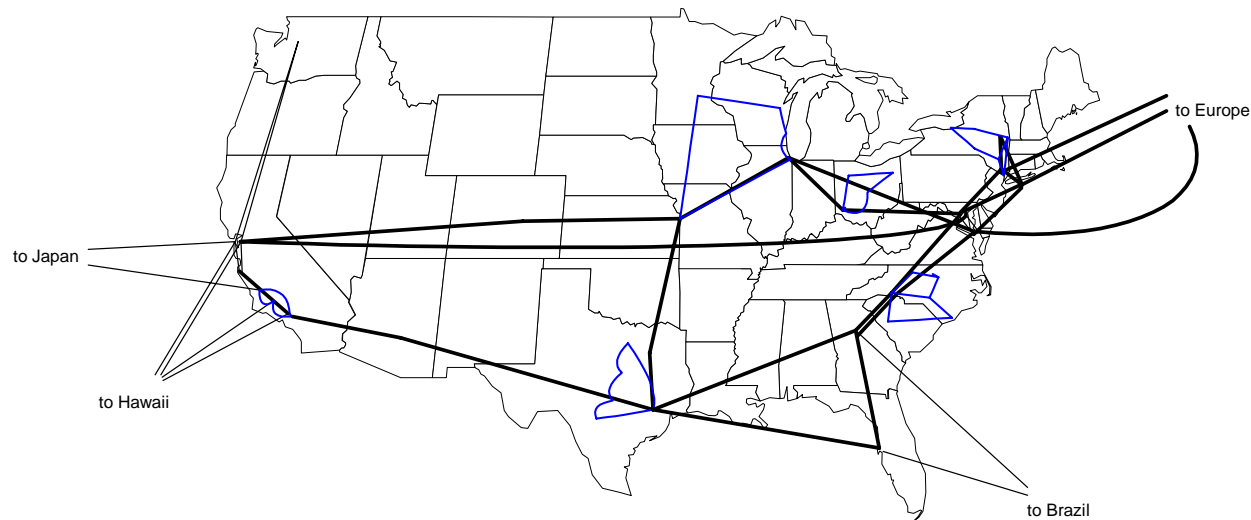
Infrastructure Overview

- HE's are collected on regional rings (typical circumference ~800km to ~2,000km)
- Combination of fiber IRU's and lambda services (32 channels at 10Gbps per fiber)
- Six major rings deployed in 2003-2004



Infrastructure Overview

- National Aggregation
 - Collaboration with AOL leverages Tier-1 backbone ATDN (AS1668)
 - Augmented with specific Partners for certain traffic



Again, Welcome!

- But, if you are looking for MPLS...
 - MPLS2004 is in Omni Shoreham Hotel in Washington D.C.
 - <http://www.isocore.com/mpls2004/>
 - \$1495.00