

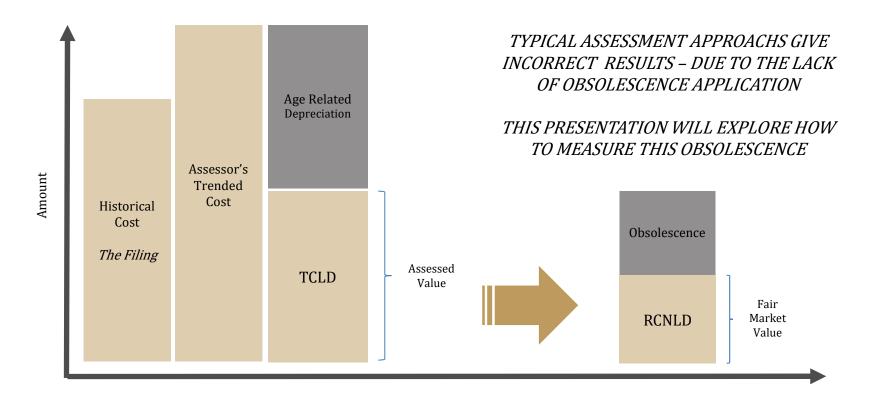






STEPS TO VALUING A CABLE SYSTEM





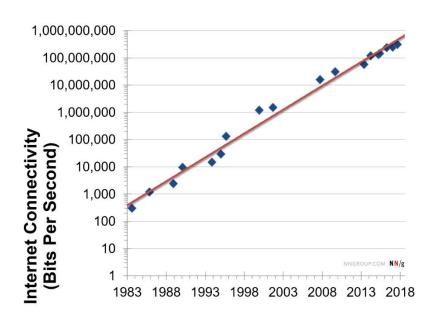
WHAT IS DRIVING THE OBSOLESCENCE



- Customer Demand for Broadband speeds
- Technological Advancements
 - Computer Hardware
 - Software
 - Methods & Standards

NIELSEN'S LAW OF INTERNET BANDWIDTH





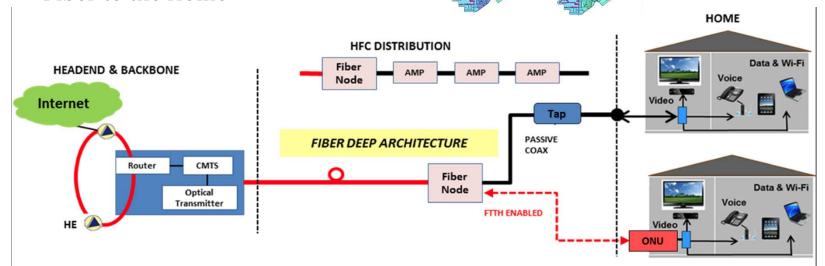
- Nielsen's law is similar to the more established Moore's law. Growth rate is 50% per year. This has held true for over 36 years.
- Moore's law (as adjusted by David House) says that computers double in capabilities every 18 months, which corresponds to about 60% annual growth.
- Bandwidth will remain the gating factor in the experienced quality of using the internet medium.

CABLE INFRASTRUCTURE

VALENTIAM GROUP | TRANSFER PRICING VALUATION

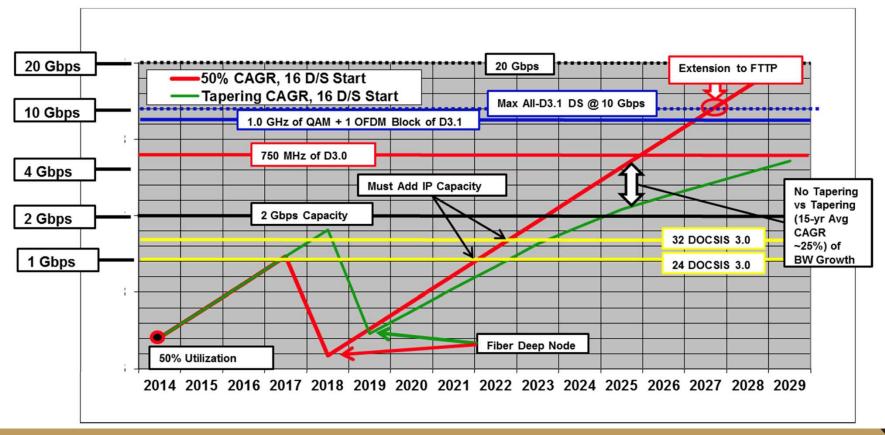
An Evolving Network

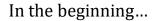
- Node Splitting
- DOCSIS 3.0 to DOCSIS 3.1 (10gD/2gU)
- Fiber Deep (NODE +0)
- Fiber to the Home



CABLE NETWORK FUTURE



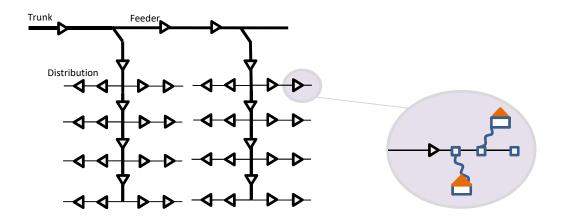




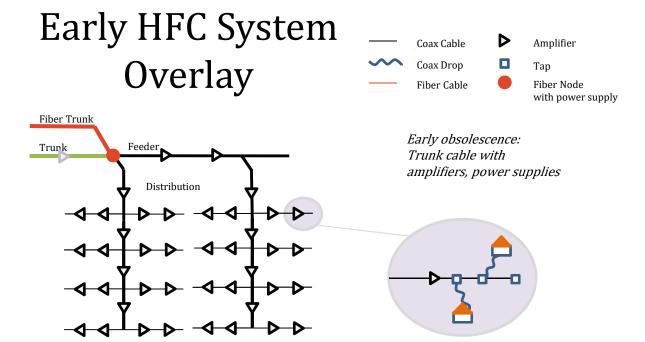


Coaxial System





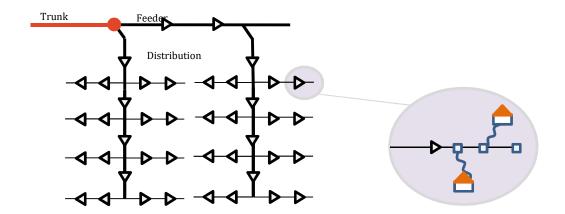






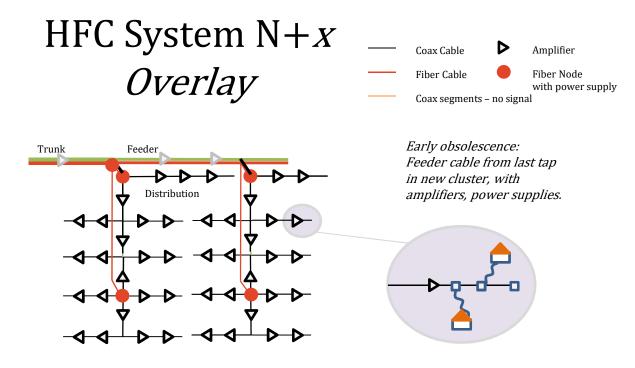
Early HFC System Greenfield

Coax Cable
Coax Drop
Tap
Fiber Cable
Fiber Node with power supply





Today in transition...



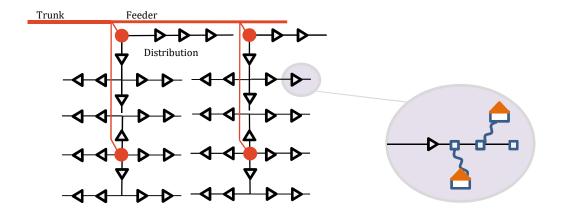


Amplifier

Fiber Node

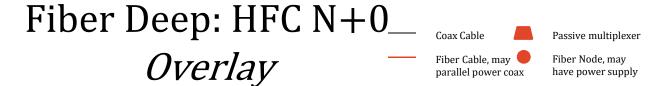
with power supply

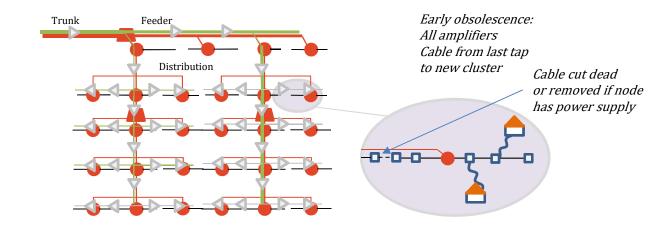
HFC System N+X Greenfield Coax Cable Fiber Cable Coax segments - no signal



Near term...

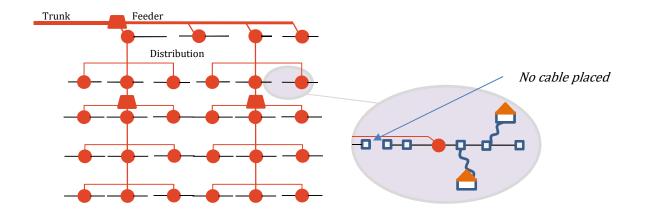


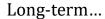




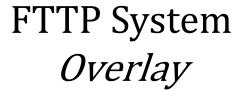


Fiber Deep: HFC N+0___ Coax Cable Passive multiplexer Greenfield Fiber Cable, may parallel power coax Passive multiplexer Fiber Node, may have power supply

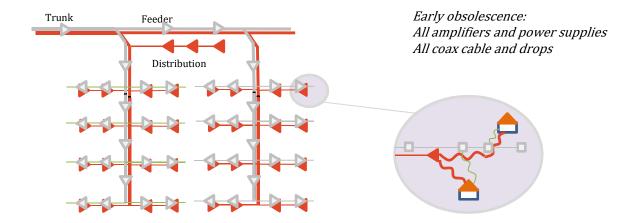








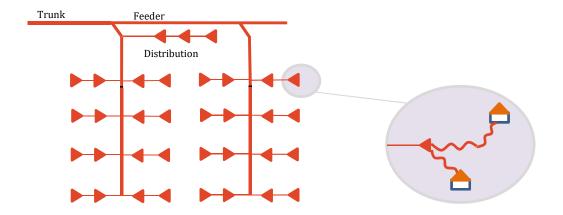






FTTP System *Greenfield*





STEPS TO VALUING A CABLE SYSTEM



