



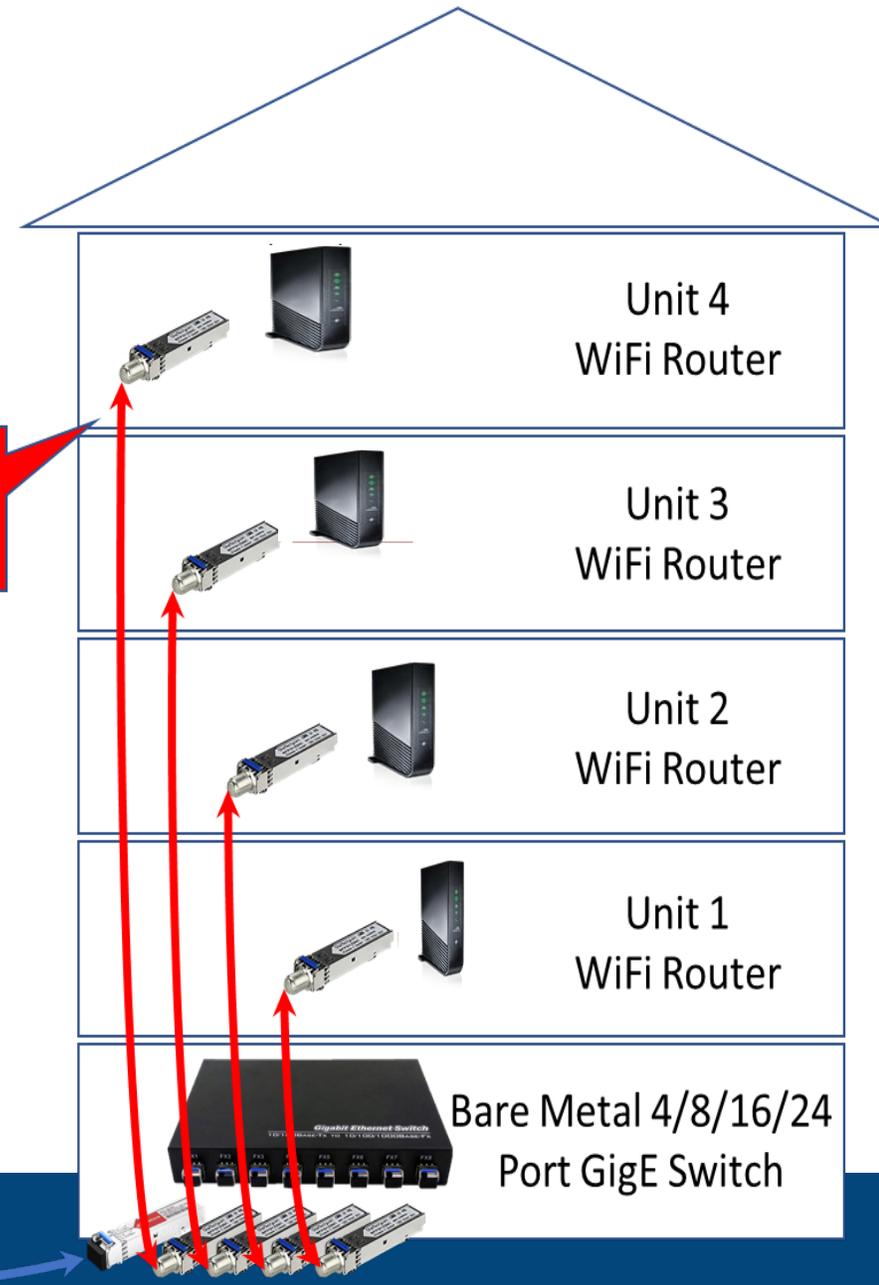
# **Diagrams**

If the opportunity exists then our SFP can be a substitute over existing coax vs. pulling Fiber (Blue line)



Electronics or Splitter Cabinet

MoCA SFPs & RG6 Coax



Unit 4  
WiFi Router

Unit 3  
WiFi Router

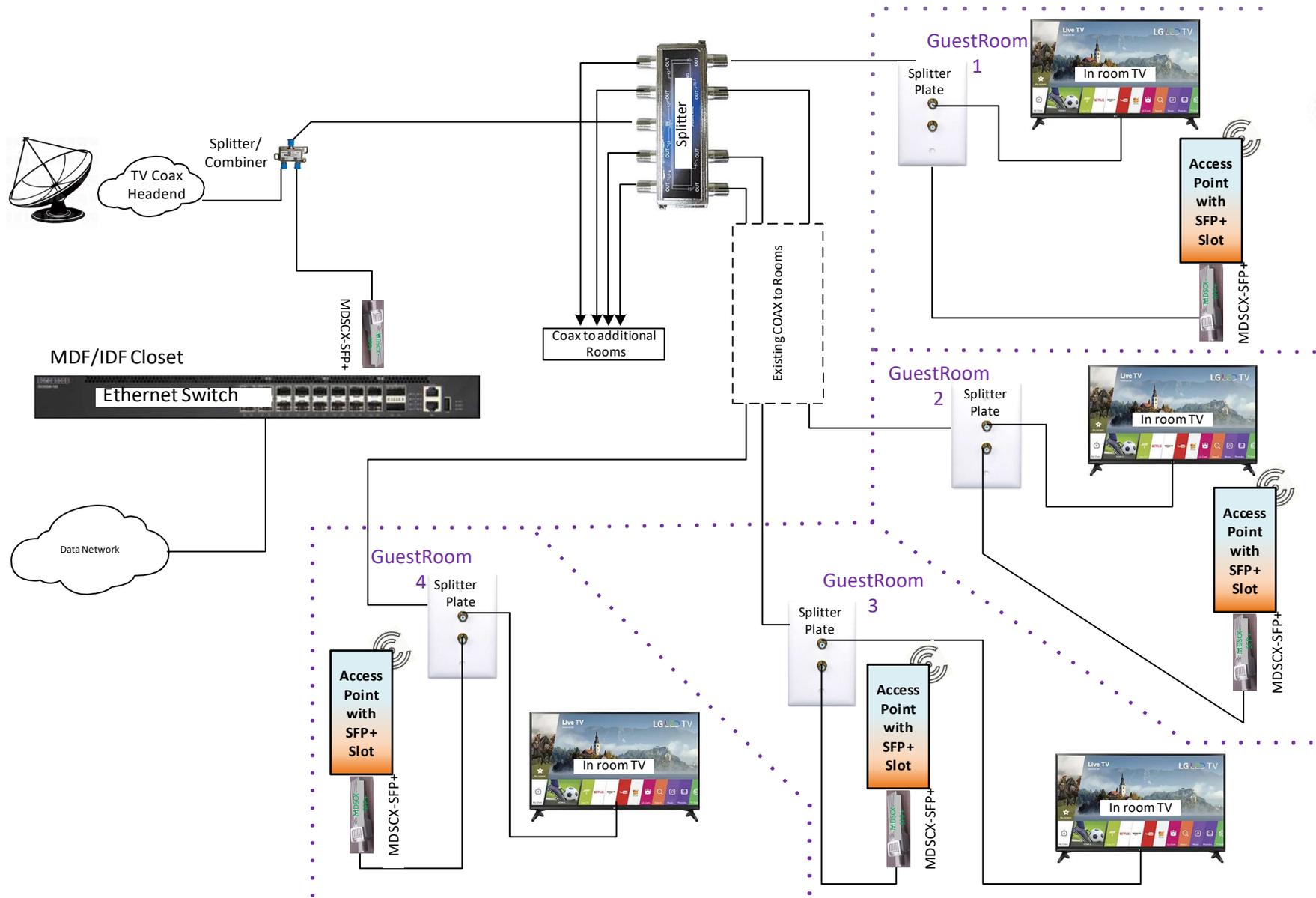
Unit 2  
WiFi Router

Unit 1  
WiFi Router

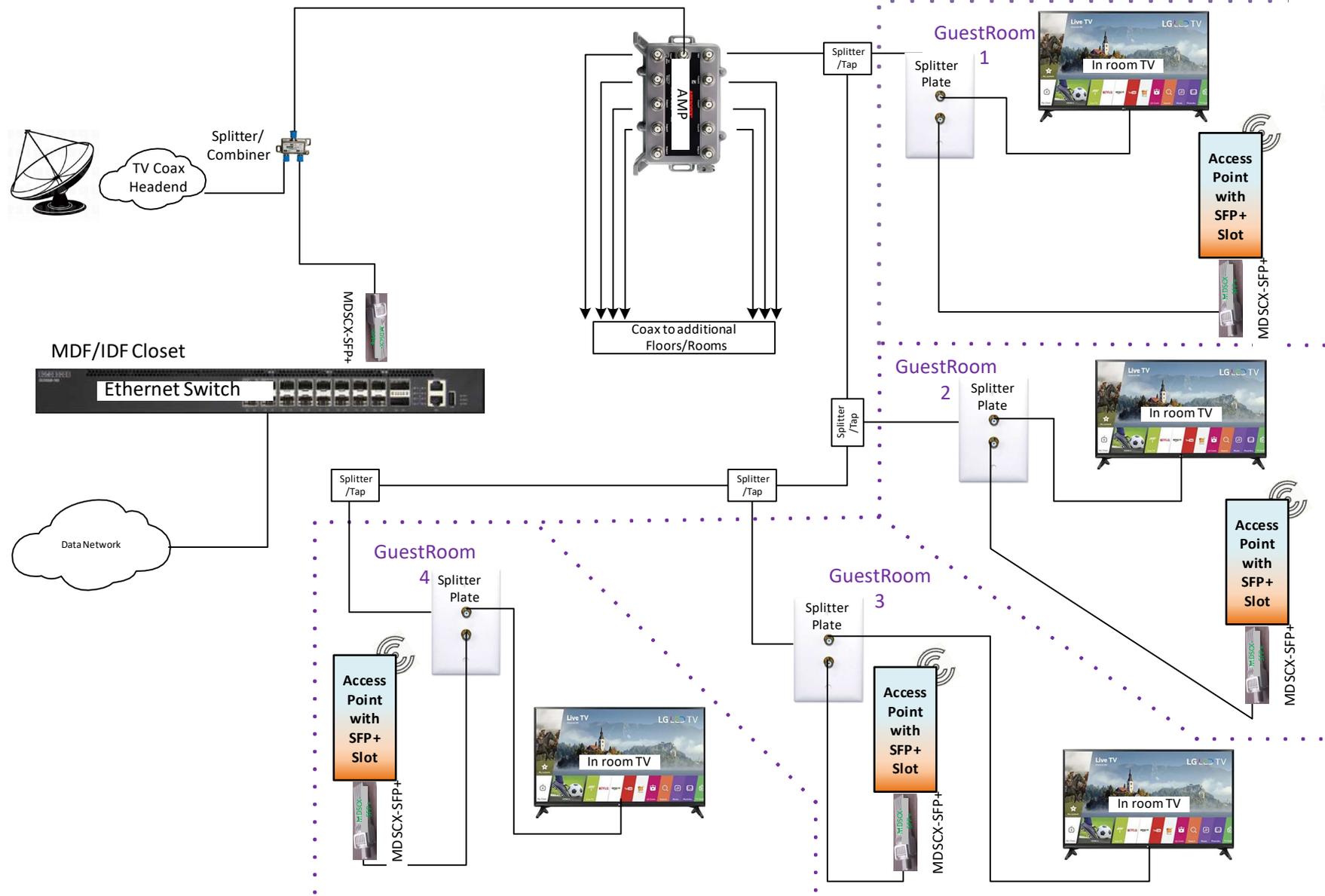
Bare Metal 4/8/16/24  
Port GigE Switch

Single Mode Fiber

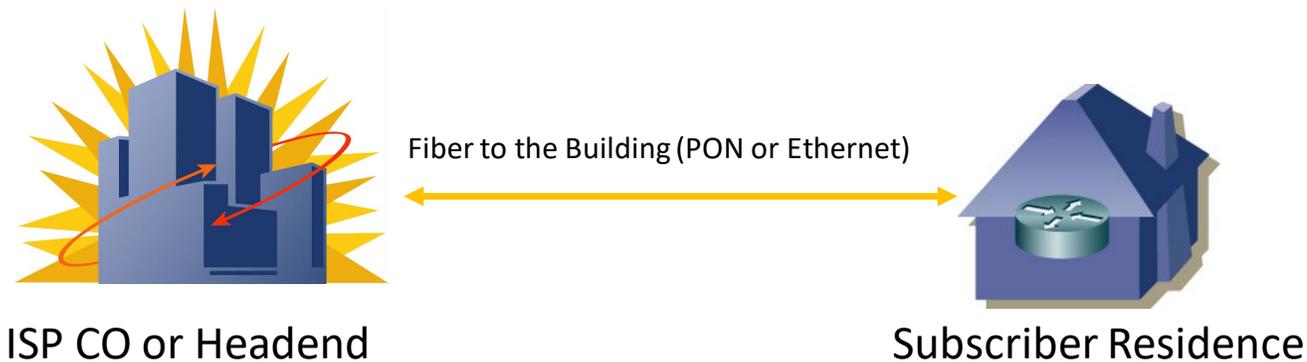
Point to Point Ethernet



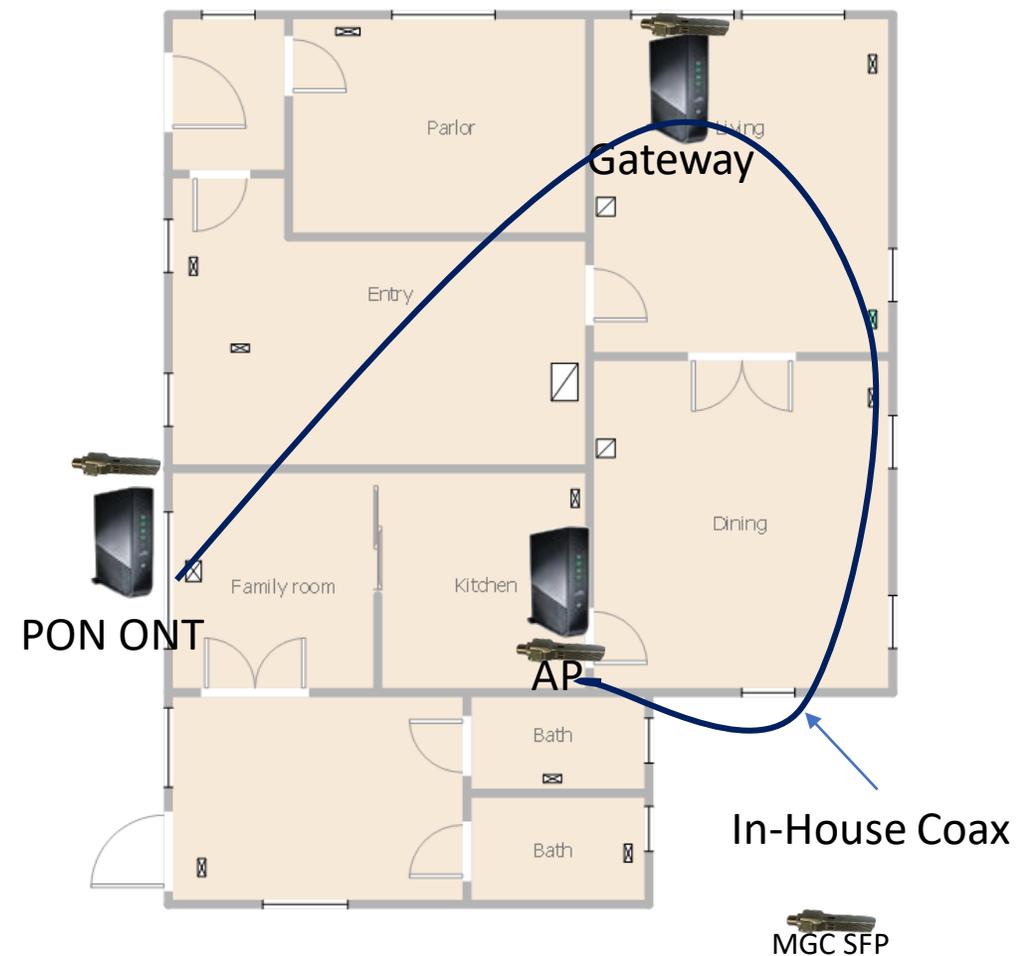
MaGiC-SFP™ Star Diagram



MaGiC-SFP™ Tree Diagram



- PON ONT uses SFP Port to support any number of Transport Mediums within the home
  - CAT5, COAX, Fiber
- Gateways and AP's with SFP+ Port can connect in mesh mode to all other devices at 2.5G over existing coax using MaGiC SFP™ .
  - No wireless mesh “dead zones”
  - No new wiring needed



## In-Premise Network Distribution