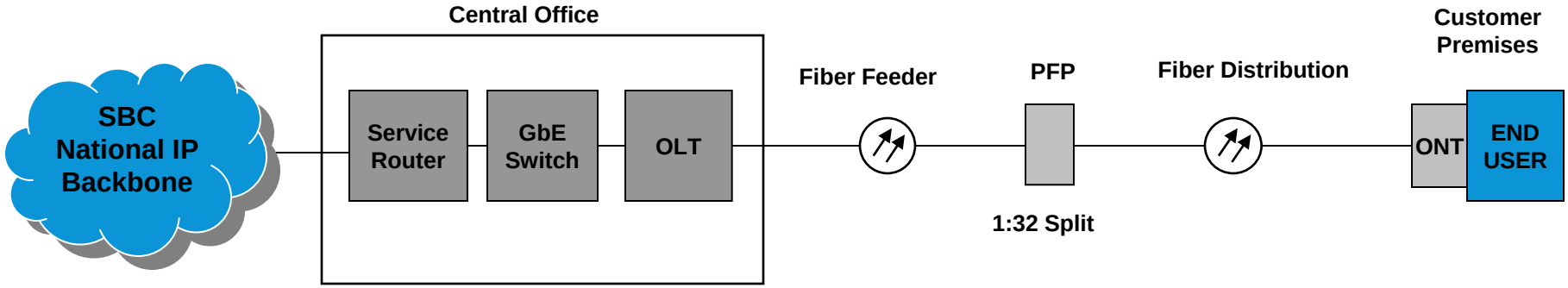
Project Lightspeed Overview

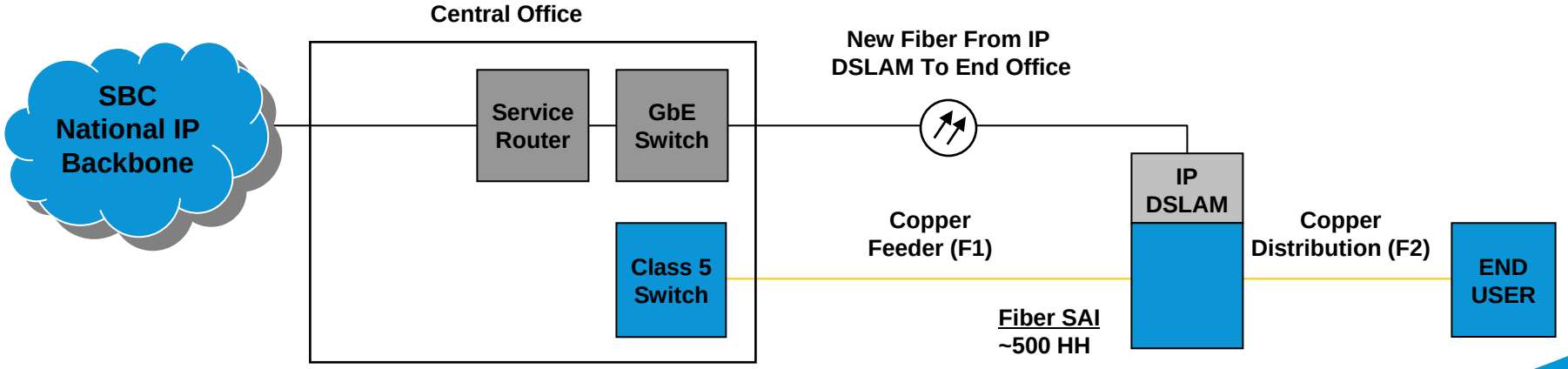
Chris Boyer
Executive Director - Regulatory Policy and Planning
Emerging Technologies & Services

AT&T Project Lightspeed Access Network

Fiber To The Home - Greenfield - ~1M HH



Fiber To The Node - Brownfield - ~17M HH



Acronyms:

FDF - Fiber Distribution Frame
SAI - Serving Area Interface
OLT - Optical Line Terminal
GbE - Gigabit Ethernet
ONT - Optical Network Terminal
WDM - Wave Division Multiplexing
PFP - Primary Flexibility Point

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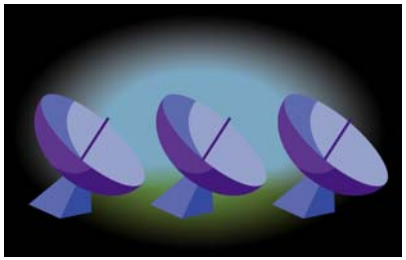
Video Network Architecture

IP Video Operations Center (VOC)

Oversees IP Video network operations



IP Video Super Hub Offices

- Acquires programming from providers
- Encodes content
- Sends programming to video hub offices

IP Video Hub Offices

- Receives programming from super hub offices
- Adds local programming
- Stores video on demand programming

IP Serving Offices

- Distributes programming to homes

To Customers

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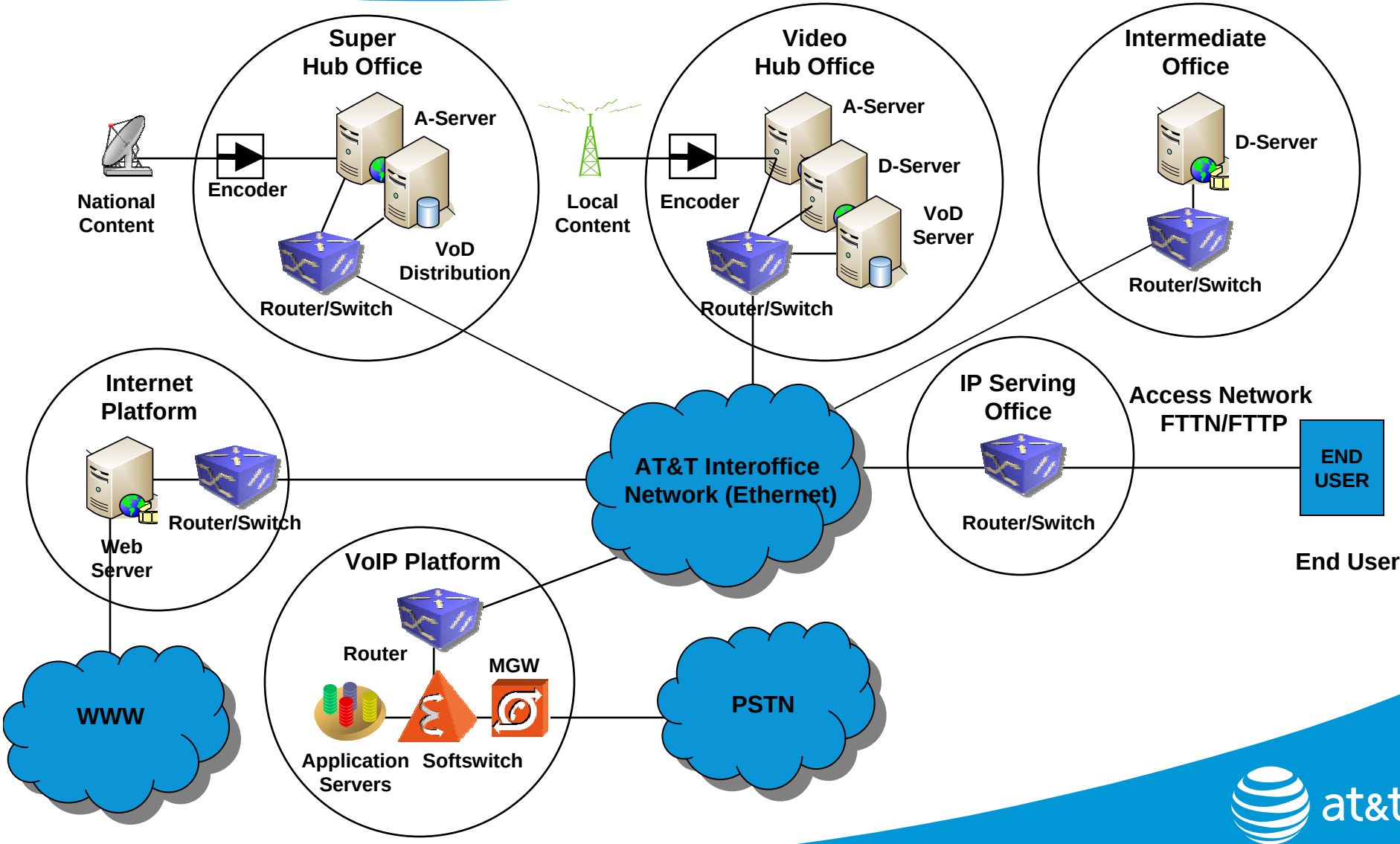
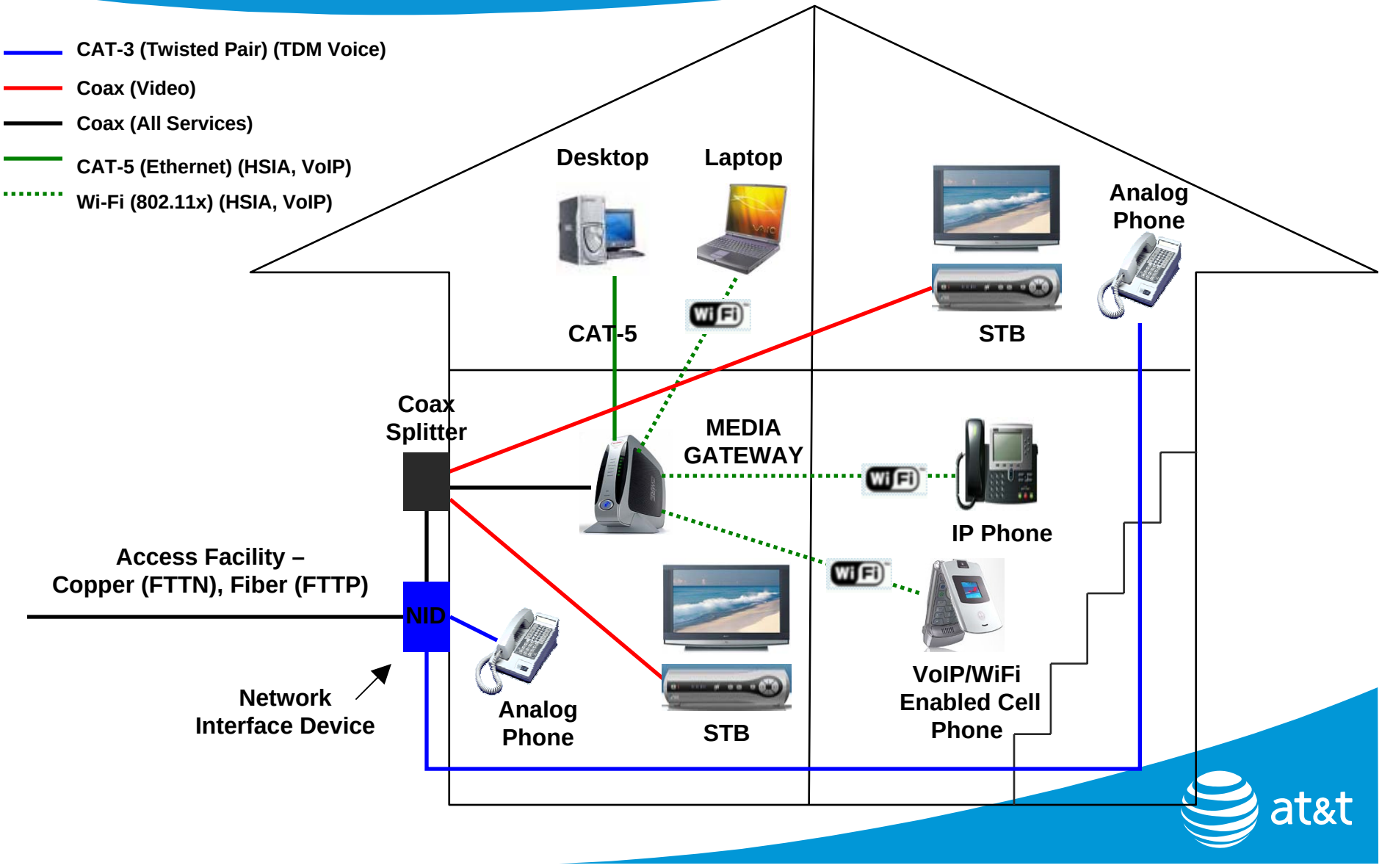
IP Services Interactive Platform



In Home Environment