

JioGigaFiber

FTTH India 2018

FTTH is not just High Speed Internet

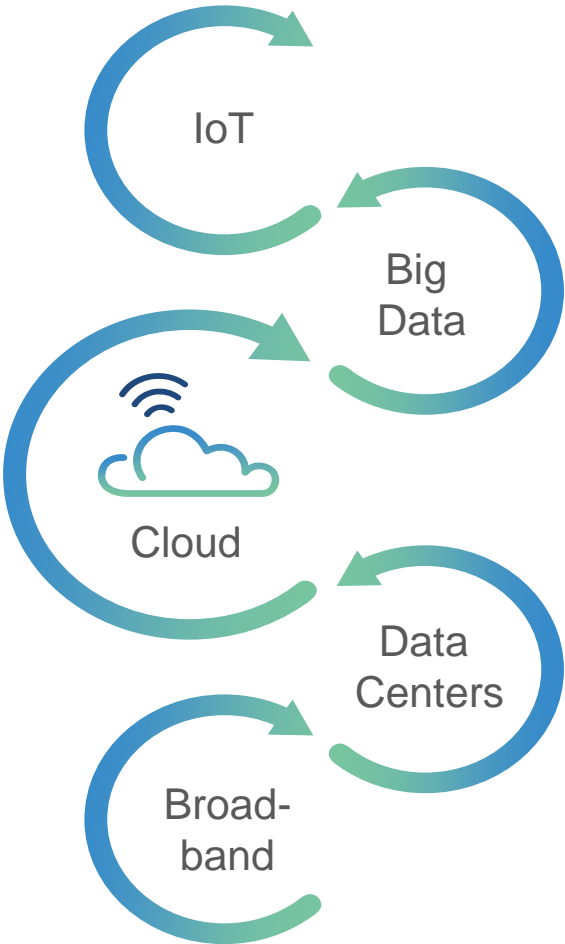


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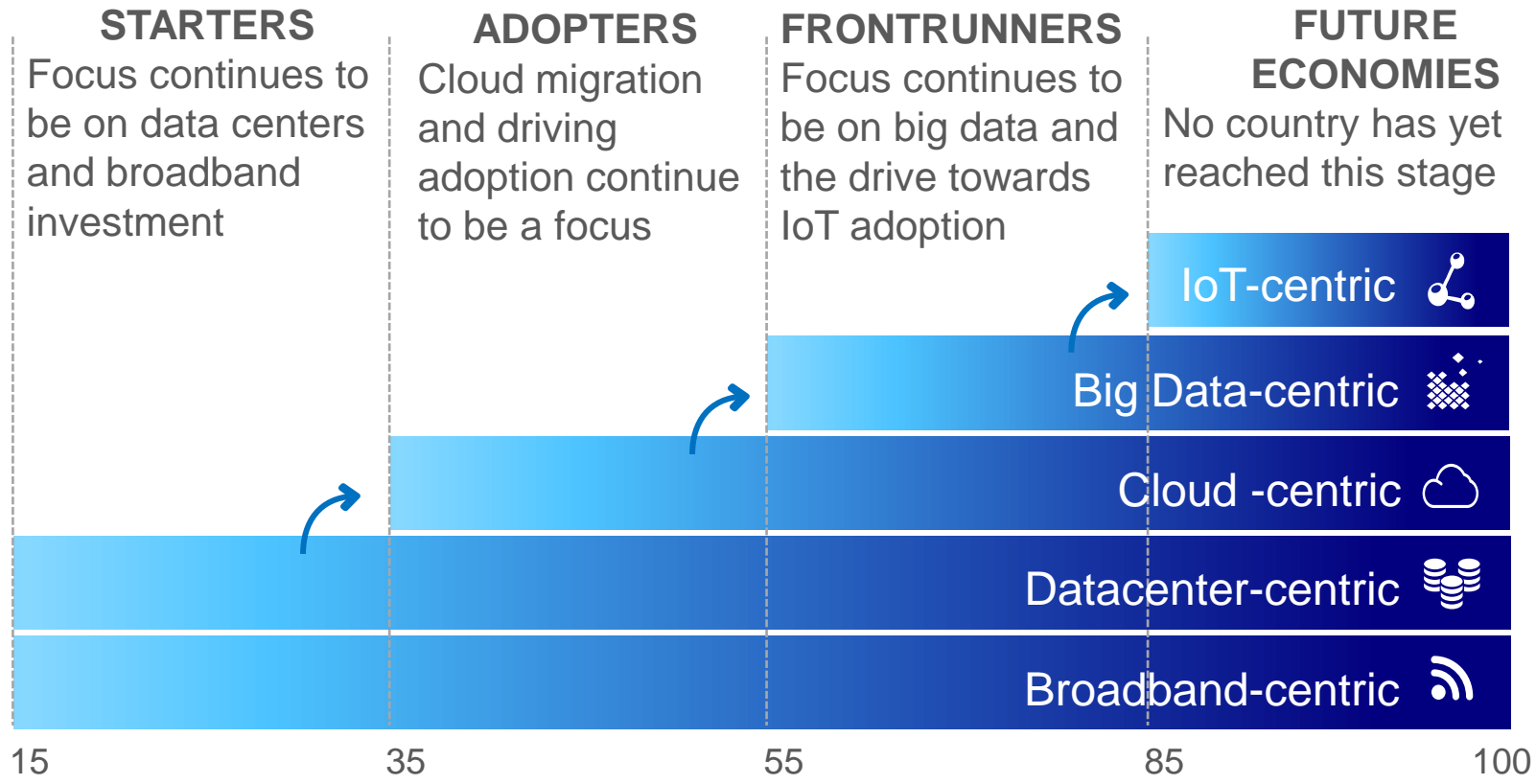
1. Why Indian Telco will require 1 Gbps connection
2. Telco readiness for next generation fixed line network
3. FTTH business case
4. Why cable operator and vDSL copper lines will not substitute FTTH



Global Broadband Scenarios: Economic Transformation

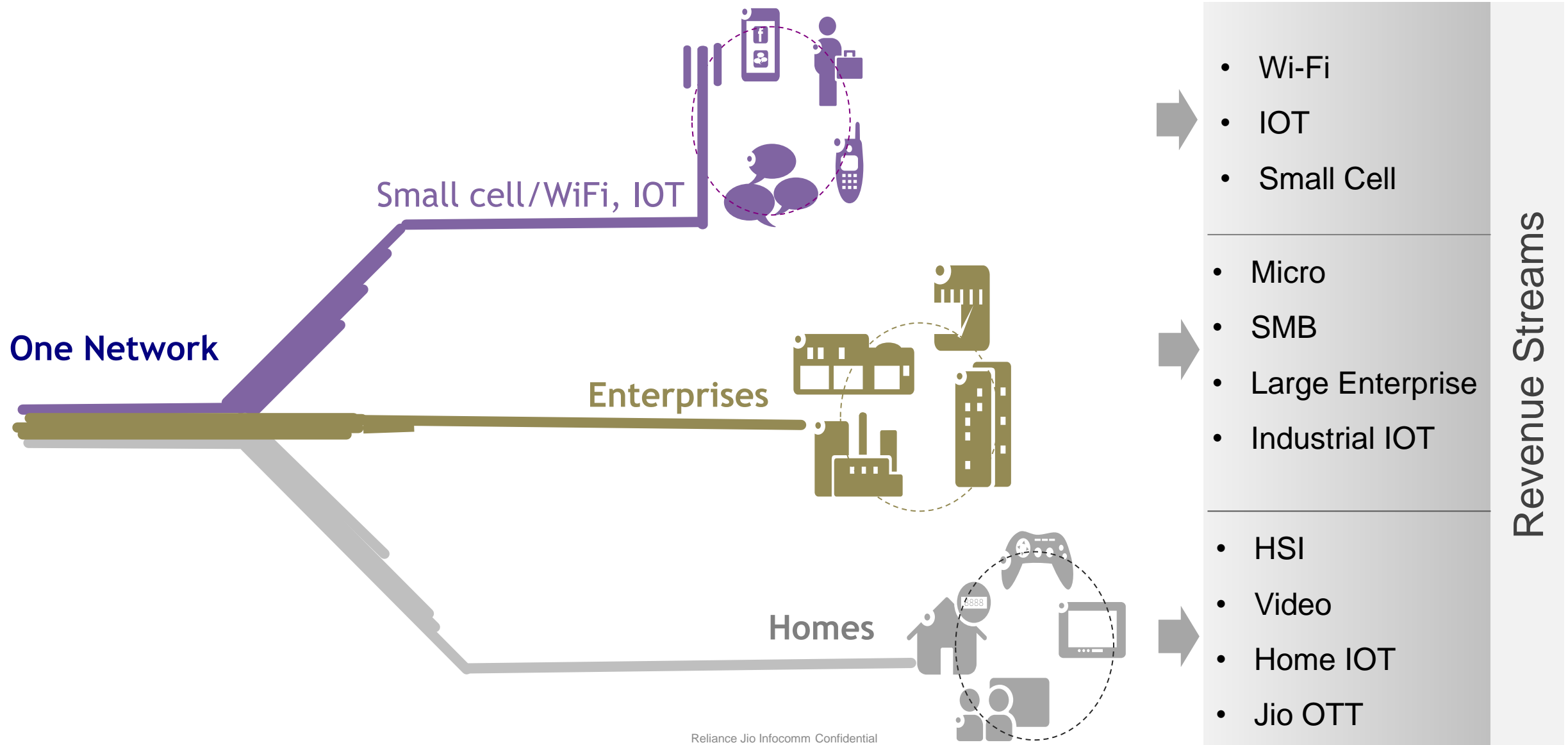


Intelligent Connectivity – The USD 23 Trillion Opportunity by 2025



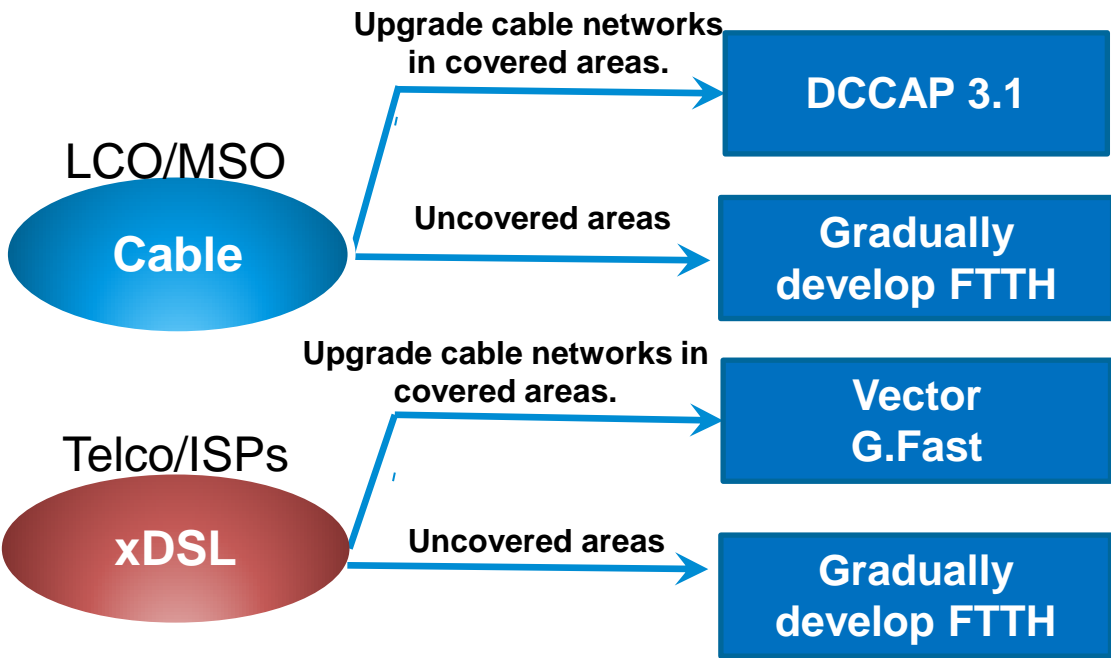
- Broadband infrastructure is the first step in effective economic transformation
- India has an opportunity to be among frontrunner, by replicating “**Jiofication** in Fixed Broadband”

Fiber : One network



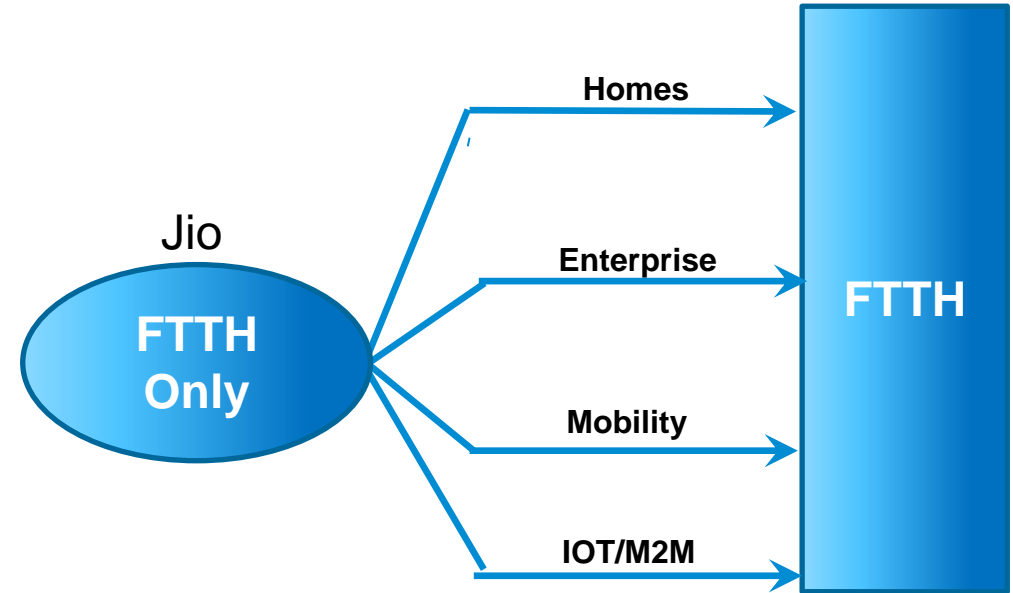
FTTH as single Last mile Solution

Brownfield Operator : Construct "Fiber-Copper hybrid network"



- Gradual evolution with lower upfront costs
- xDSL and Docsis technology not futureproof
- Separate network for enterprise
- Separated network for Wi-Fi/IOT

Green Field Jio : Rapid FTTH Network deployment



- FTTH with one time higher investment
- Future Ready network
- Single infra for all segments and services

Challenges in Fiber Construction

ROW Issues



- Long approval time
- High and multiple ROW acquisition fees
- ROW charge less transparent / inconsistent among municipal corporations
- No single policy for whole India

Infrastructure Sharing



- High civil work cost : 55%~70% TCO
- Lack of *infrastructure sharing policy* to facilitate the reuse of existing ducts, poles for fiber rollout
- High lease prices

Access Issues



- Exclusive service agreement between ISP and Building management
- Lack of Building codes as an essential public utility

Thanks

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