

## Convergence and Complimenting Networks

“Changing Lives a Digital Way”



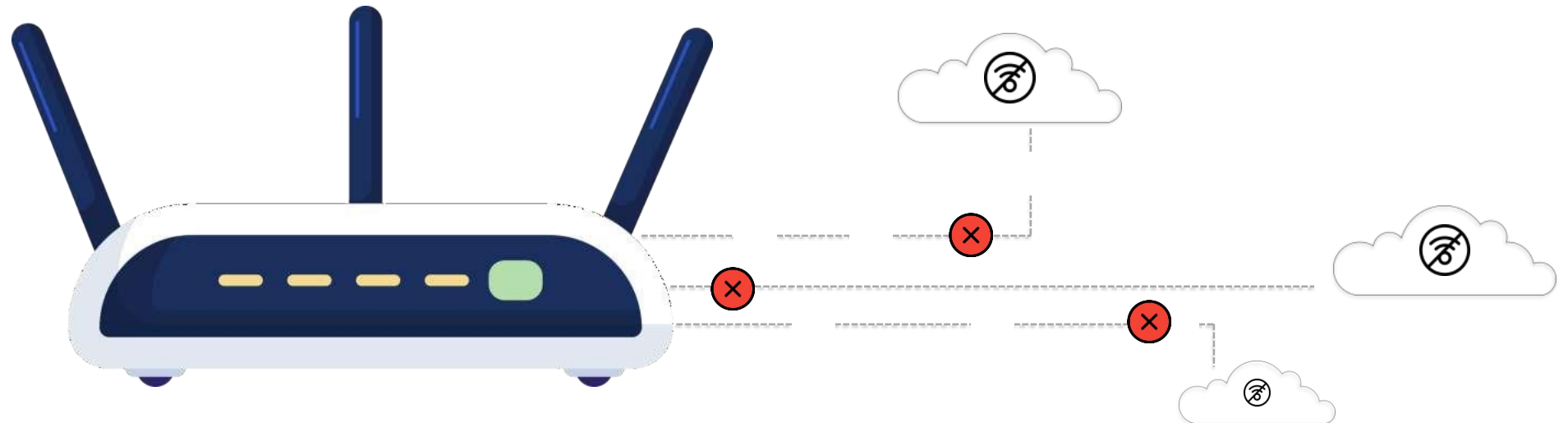
# Industry in the last 31 years...

1993

2024

Target was to connect **600,000-**  
villages!

Connected ONLY 35%  
villages\* ...



\* As on 5<sup>th</sup> Aug 2024

# Importance of Connectivity – Each tech plays its Role

Drives Innovation and Fosters growth

## The Promise of 5G

- Roll out of 5G networks heralds a new era of Mobile Connectivity
- Dramatically increases speed, lower latency and ability to connect many devices simultaneously
- 5G Compliments FTTH by providing connectivity on the go

## FTTH – The Backbone of Connectivity

- FTTH provides high speed internet directly to residences /businesses through Fibre Optics
- Foundation for future Innovation, smart homes and IOT
- Will bridge the digital divide

## Satellite – Bridging the Gaps

- While FTTH and 5G provide excellent connectivity in Urban and Semi Urban, Satellite fits well in remote and rural locations
- Bridges the gap left by terrestrial networks , provides critical support for disaster , emergency service.

## The Convergence – A Connected Future

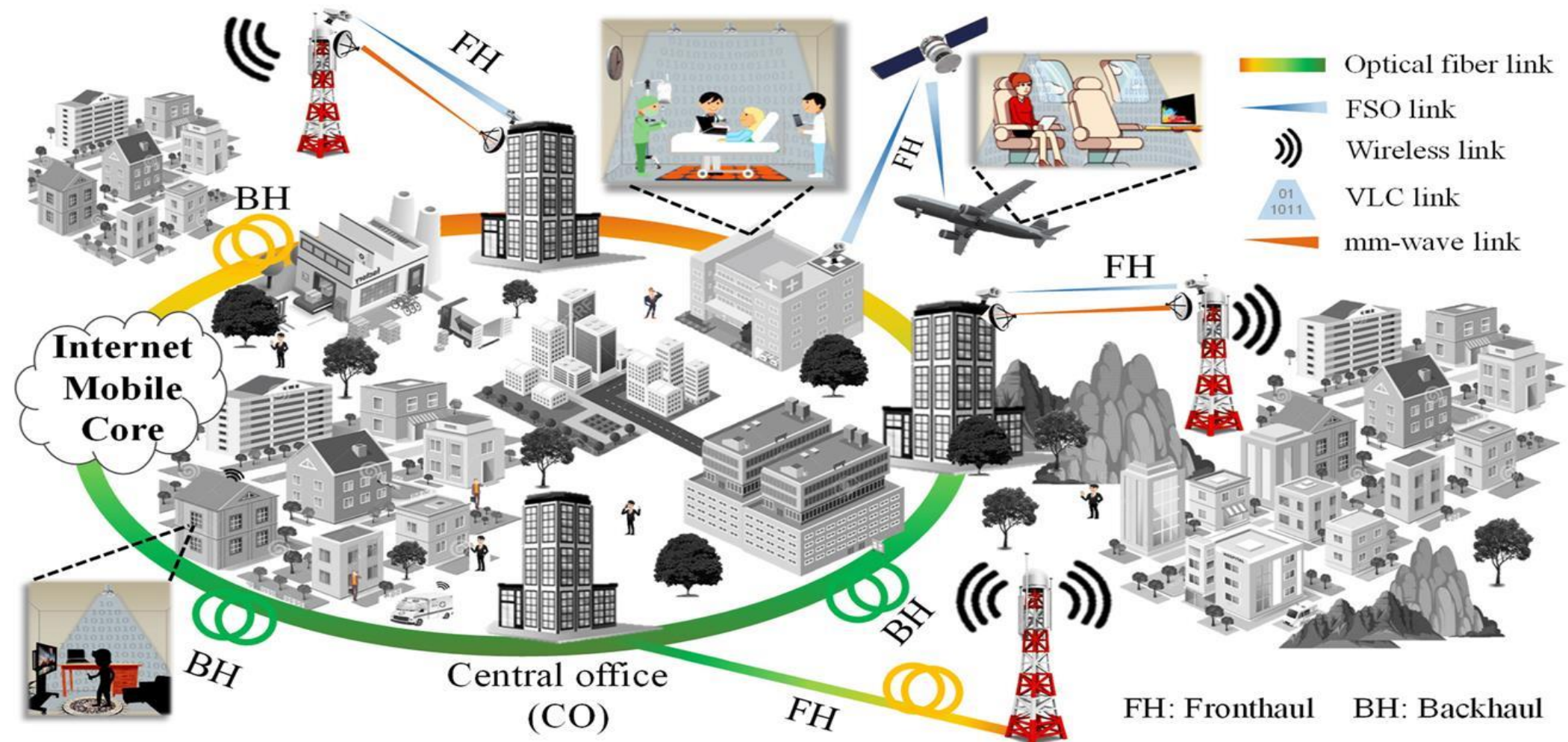
- Leverage strengths of each , and create a seamless network , enhance user experience and drive innovation



**Pathway to a more connected , equitable and prosperous society. Embrace the Innovation**



# Convergence in the Connected World



# Challenges and Mitigation –

## Challenges

- Infrastructure Cost
- Regulatory hurdles
- Technological Compatibility



## Somethings to Ponder on

- Each in the value chain needs to play its role – Be it Mobile Operators/ MVNO/ISP/ PDO's
- Network and Infra Sharing across the value chain
- No one is competing / but complimenting to improve lives of the society



Our Mission to reach the last Mile  
Continues.....**Connecting the Un-Connected Dots**