

FTTH, 5G and the Future

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# The Fourth Industrial Revolution

An aerial view of a modern city skyline, likely Dubai, featuring numerous skyscrapers. A red line connects two buildings in the distance. In the foreground, there is a large, semi-transparent orange rectangular area containing text, and a green and blue geometric shape resembling a stylized 'C' or a network diagram.

Unprecedented data and multi-purpose networks:

- Work@Home
- FTTH, 5G, Wifi6, IoT, Virtual Reality, Augmented Reality
- Network Densification
- Latency and Upstream performance



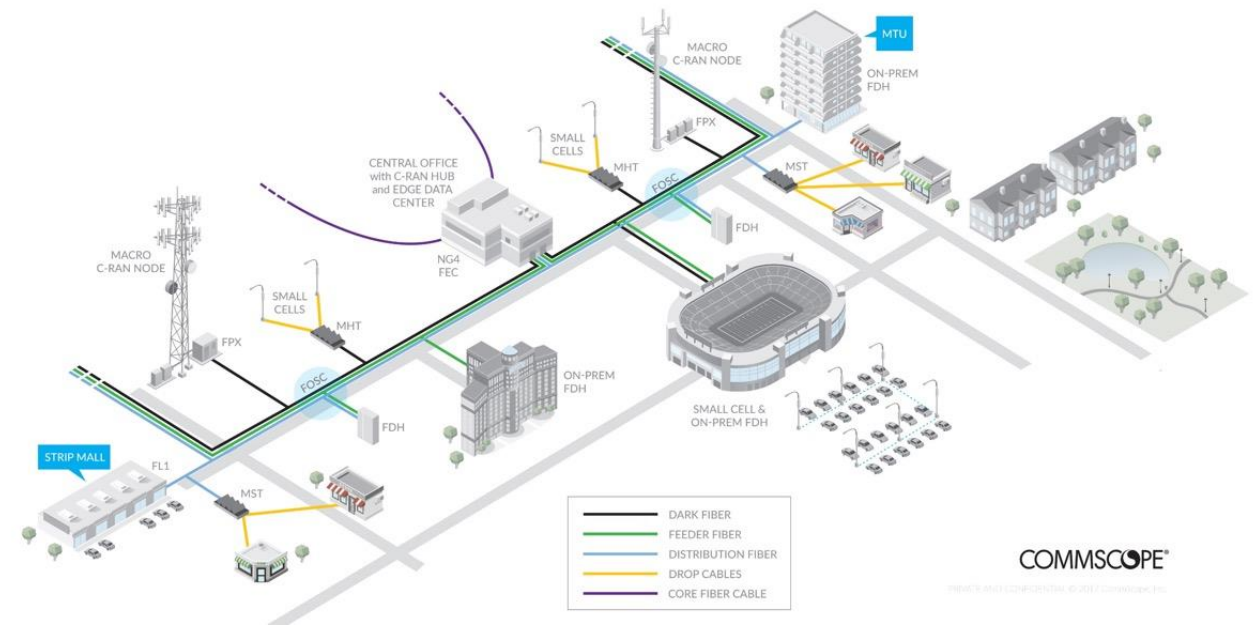
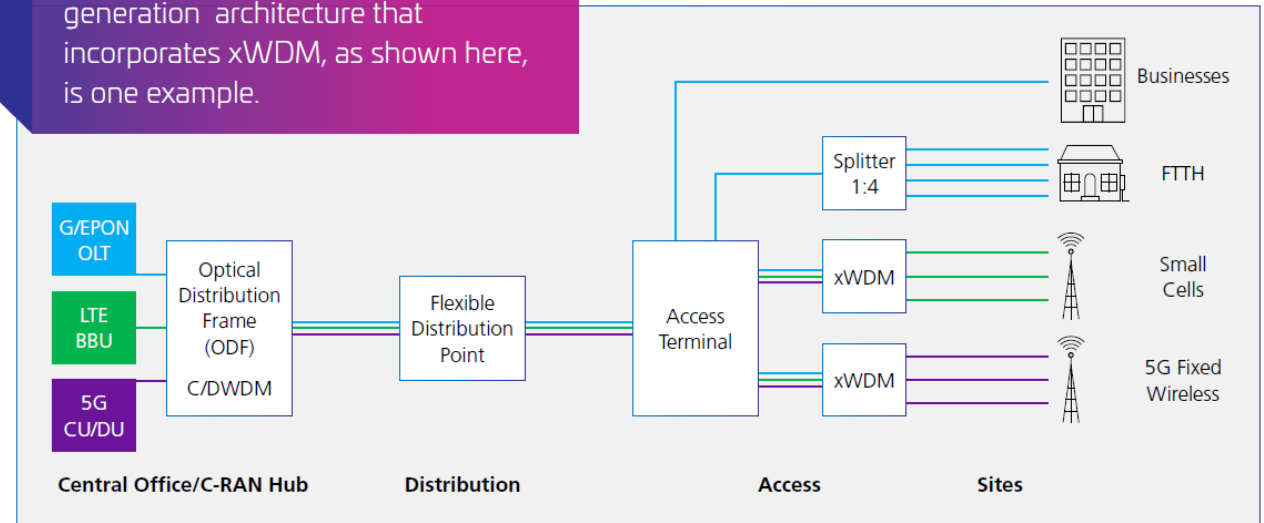
*“The net cost of fiber-optic crosshaul and backhaul can be reduced by 65 to 96 percent by deploying an optimized converged fiber network in advance.”*

FTTH Council

# Fiber Network Convergence

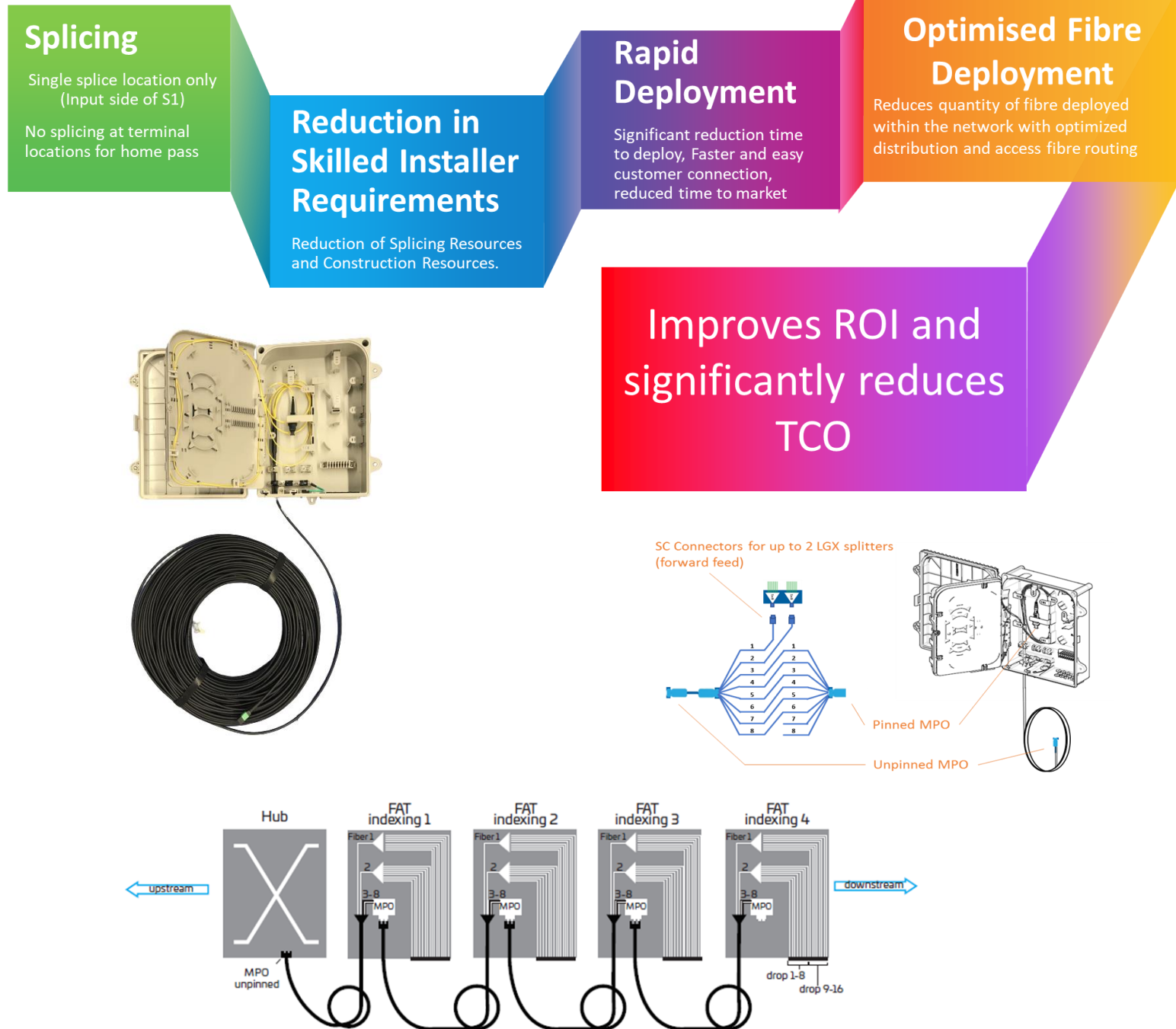
- Build-out for multiple service delivery platforms.
- Sharing physical assets between fixed and wireless
- Small cells moving deeper and deeper into the network
- FTTX networks to augment Fiber capacity to support 5G small cells
- Utilizing Passive WDM with Multiple wavelengths onto a single fiber for 5G applications

A shared infrastructure can take many forms. Using a next-generation architecture that incorporates xWDM, as shown here, is one example.



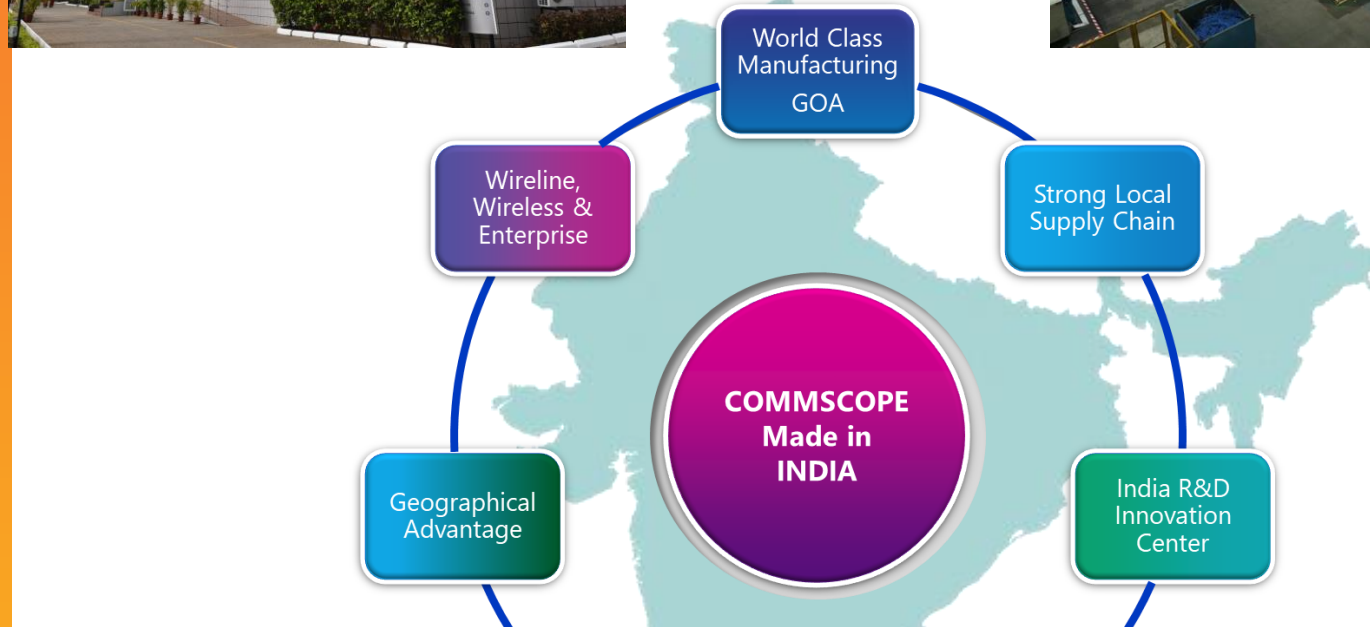
# Plug and Play FTTH Solution

- Innovative patented Plug and Play Indexing Technology.
- Minimizes the need for splicing.
- Significant Speed of deployment advantages and minimized labour requirements.
- Significant TCO reduction  
Factory terminated MPO
- Connections for optimum network performance and integrity.



# CommScope Designed and Made in India

- State of the Art Manufacturing Facility in Goa
  - Established 1997
- 32,413 sqm Manufacturing and Warehouse space
  - ISO 9001:2008, 14000 & OHSAS 18001 , TL 9000 Certified facility
  - LEAN System Facility
- Connectivity Products
  - FTTX
  - ISP and OSP
- Wireless
  - Filters, Base Station and Microwave Antenna's



now meets next

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