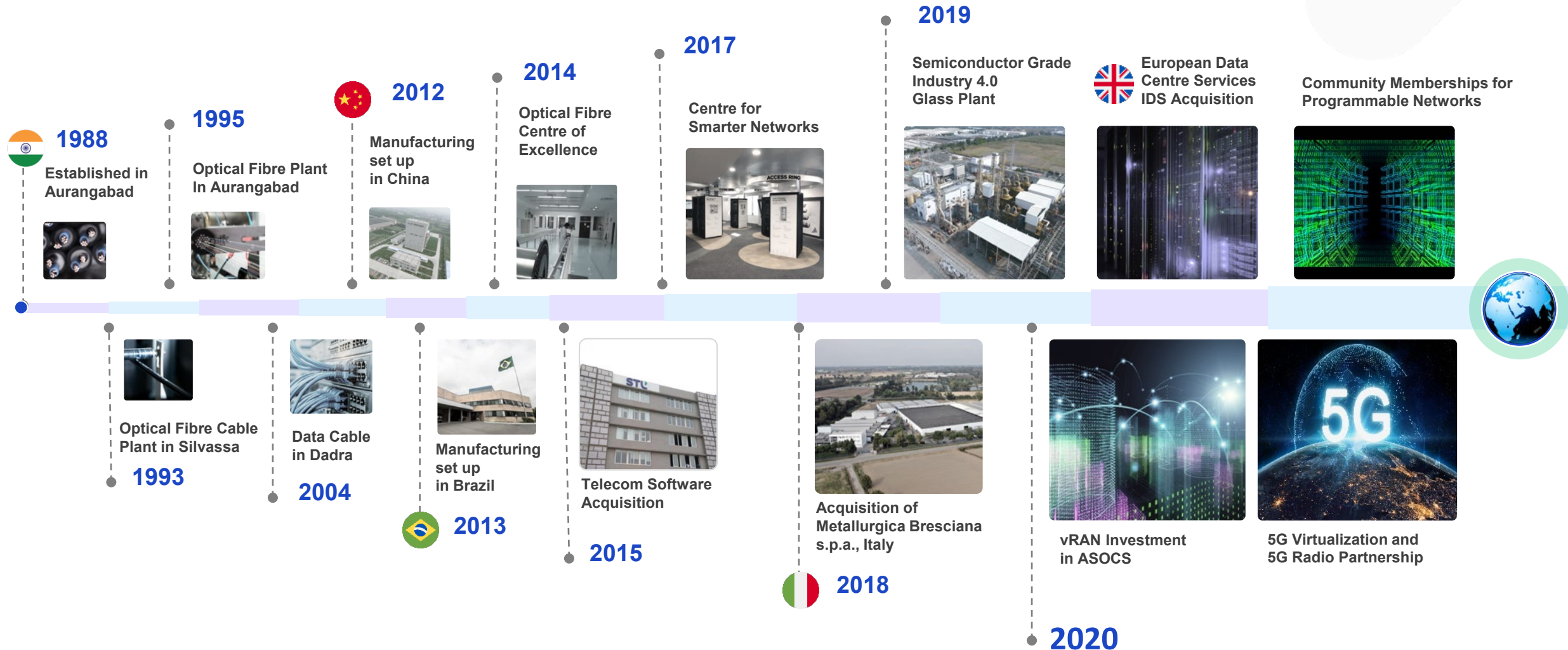


The future of Digital Networks

Tilemachos Koulouris
VP Software Europe & CIS

Company History



We integrate digital networks for our customers

STL 25
YEARS OF OPTICAL FIBRE

Core
Business

Customer
Segments



Telcos



Cloud
Companies



Citizen
Networks



Large
Enterprises

End-to-End
Solutions

opticonn

Optical
Connectivity



Fibre
Deployment

FTTx
mantra
One Solution. Countless Opportunities

FTTx Access
Network

netmode

Network
Modernisation

Portfolio
Offerings



Optical
Interconnect
Products



Virtualised
Access
Products



Network
Software
Products



System
Integration
Services

Unique
Capabilities

- Glass Preform
- Optical Interconnect Kits
- Optical and Speciality Cables
- Optical Fibre

- Programmable FTTx
- Virtualised Radio
- RAN Intelligent Controller
- RAN Orchestration

- Telecom Billing Operations Software
- Monetisation and Engagement Software

- Network Design Services
- Fibre Rollout Services
- Network O&M Services
- Data Centre Integration
- Private Enterprise Integration

Our Company In Numbers



7

GLOBAL PRODUCTION FACILITIES
50m fkm optical fibre capacity

358

PATENTS
Across the network layer

4

INNOVATION CENTER
Research & Development

Zero

WASTE TO LANDFILL
Shendra, Rakholi, Dadra

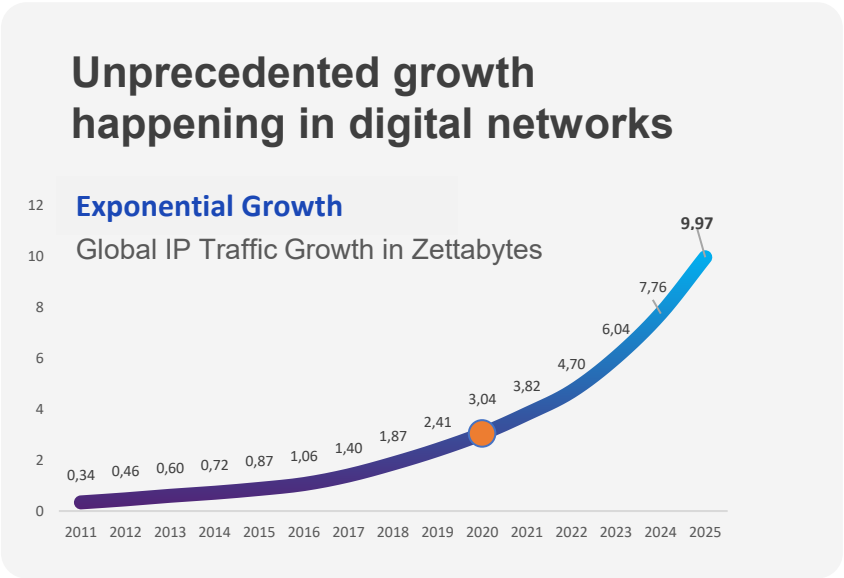
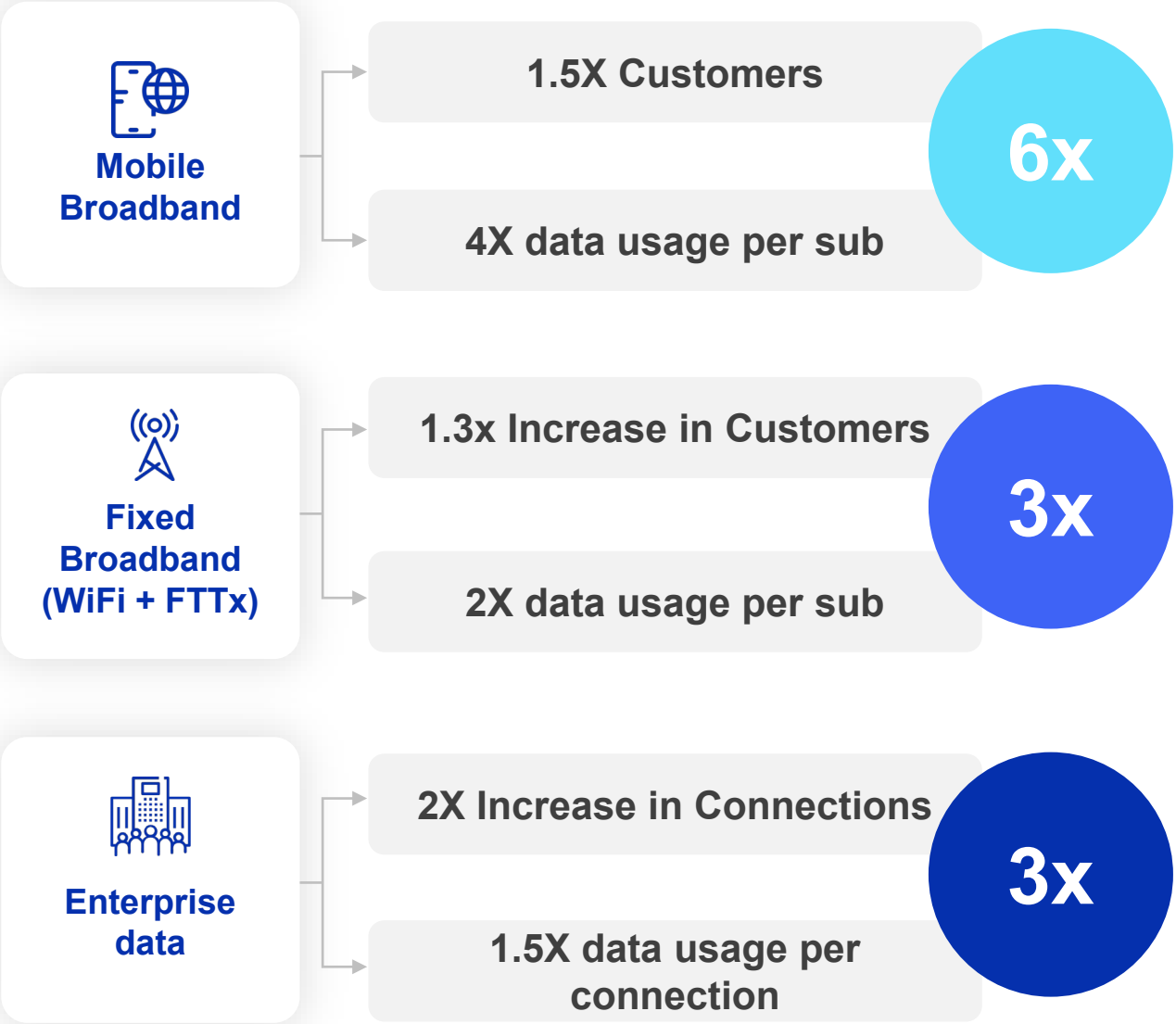
30+

NATIONALITIES
3.1k Employees

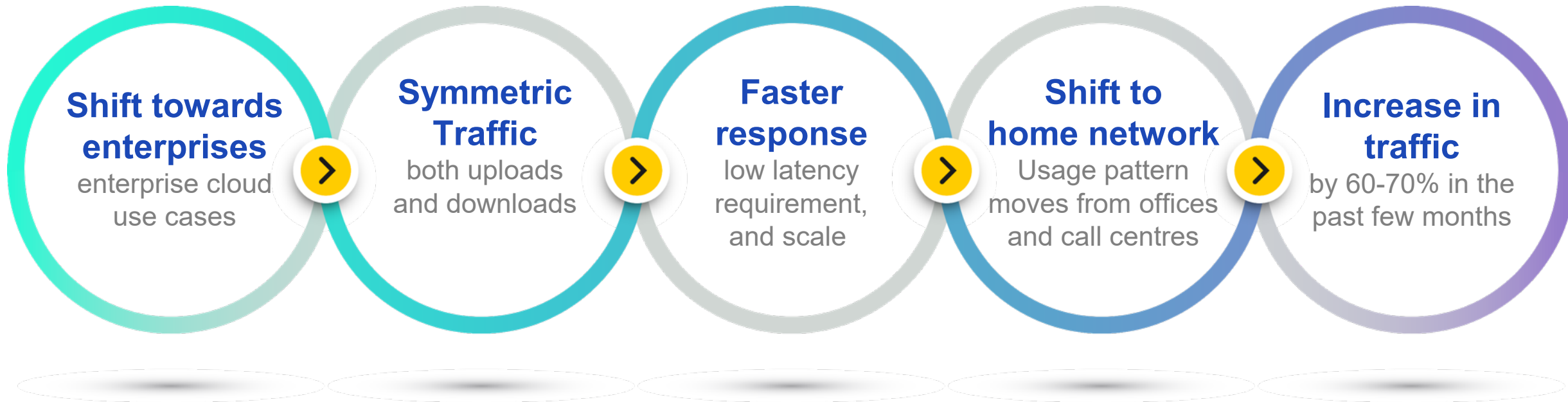
Digital Networks that transform everyday lives

<https://youtu.be/MR5NMJuGEwU>

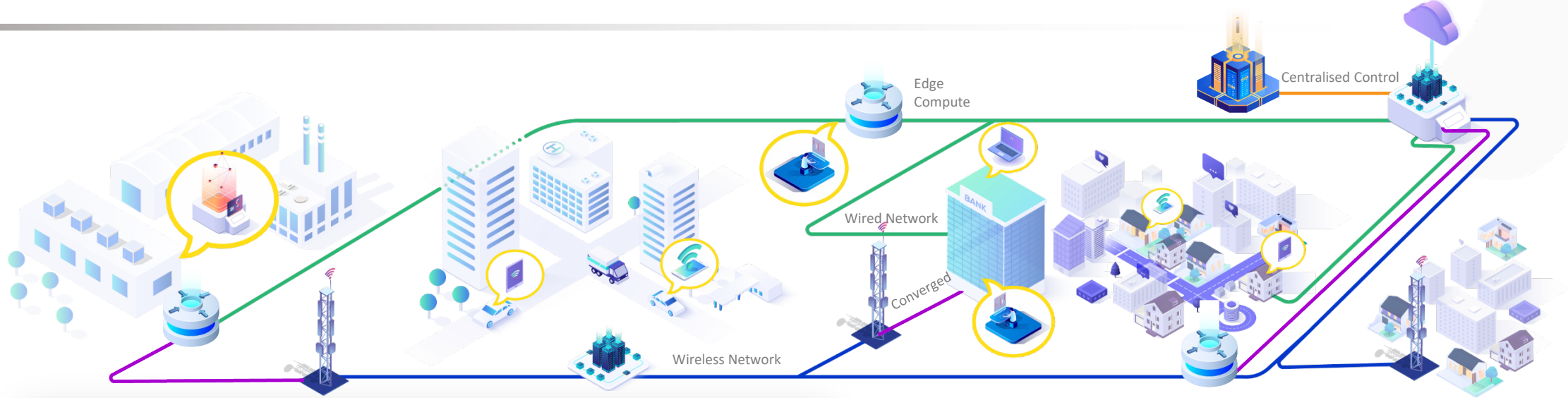
Data growth is continuing and accelerating



5 major behaviour shifts will drive up demand



New Digital Networks have 4 unique characteristics



Close to the Edge
EDGE

Seamless Wired & Wireless
CONVERGED

Enhanced Experience
COMPUTE

Agile, Scalable, Agnostic
DISINTEGRATED HARDWARE & SOFTWARE

At the Edge

Optical

Radio

Connectivity

Compute

Hardware

Software

**New Digital
Networks need
integration of
all these
technologies**

All Network Creators are investing heavily in Digital Infrastructure



TELECOM OPERATORS

May 2020



China mobile to invest **\$14 Bn** in building digital infrastructure enabling faster 5G Connectivity

June 2020



Airtel to double its fixed line penetration in next three years

May 2020



BT to invest **\$12 Bn** in building 5G and next generation full fibre broadband across the UK

March 2020



Verizon to invest **\$18.5 Bn** to accelerate its 5G plans globally

CAPEX- \$200~\$250 bn.

Telcos to invest heavily in 5G & FTTH



CLOUD COMPANIES

October 2020



Microsoft has announced **\$1.17 Bn** investment in Greece to build a data centre offering in cloud services infrastructure

March 2020



Google to invest **\$10 Bn** in US offices and data centres in 2020. Sets up a **\$10 billion** for India

CAPEX- \$100~\$120 bn.

Cloud companies invest in developing edge networks and massive data centres



LARGE ENTERPRISES

April 2020



Enterprise spectrum sees huge demand in US, UK, Germany, Many companies have applied to set up **local 5G networks**

CAPEX- \$300bn.

Large enterprises invest in developing specialized enterprise use cases



CITIZEN NETWORKS

July 2020



Indian Govt. aims to provide 5,00,000 FTTH connections by Sept 2020 (part of BharatNet) FCC, US launched rural digital opportunity fund worth **\$20 bn**

CAPEX- \$300bn.

Large enterprises invest in developing specialized enterprise use cases

Embracing the Advanced Digital Networks

5G[📶] 6G[📶]

- Ultra Fast Edge
- Low latency Real Time
- NG IoT
- M2M
- XaaS
- Connected devices
- Autonomous Vehicles
- Industry 4.0
- M2M
- Sensing based ops
- Personalized AI
- Smart operation

