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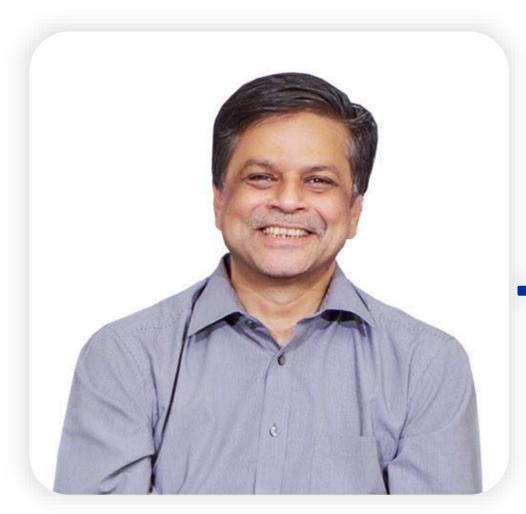
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# **Dr. Anand Agarwal**

**Group CEO and Whole Time Director** 

# STLeScope 2020 - A vision for 2023





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STL is at the centre of these developments

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Q&A

### An unprecedented decade of digital network creation has started

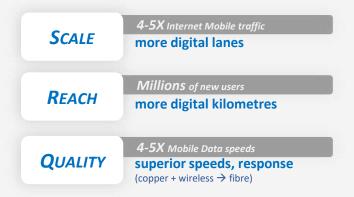


Unprecedented growth happening in digital networks

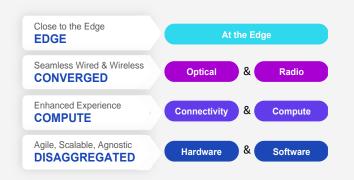


- There is a high degree of urgency to build these networks
  - All network creators are investing heavily in digital infrastructure
  - PE investments in the range of billions of dollars

These digital networks have to reach everyone at scale and quality



These networks will be built in a fundamentally different way



We see a decade long\* digital network creation cycle

\* accelerated by the new normal

# Over the last 25 years, we have systematically built a unique set of capabilities





### Our future roadmap is built on these 5 strategic pillars













**Technology-led E2E Solutions** 



**Key Accounts** Management



Large – Scale Complex **Integration** 



**Ecosystem Alliances and Investments** 



**Top Talent and** Culture

**Increasing market** share by integrated technology

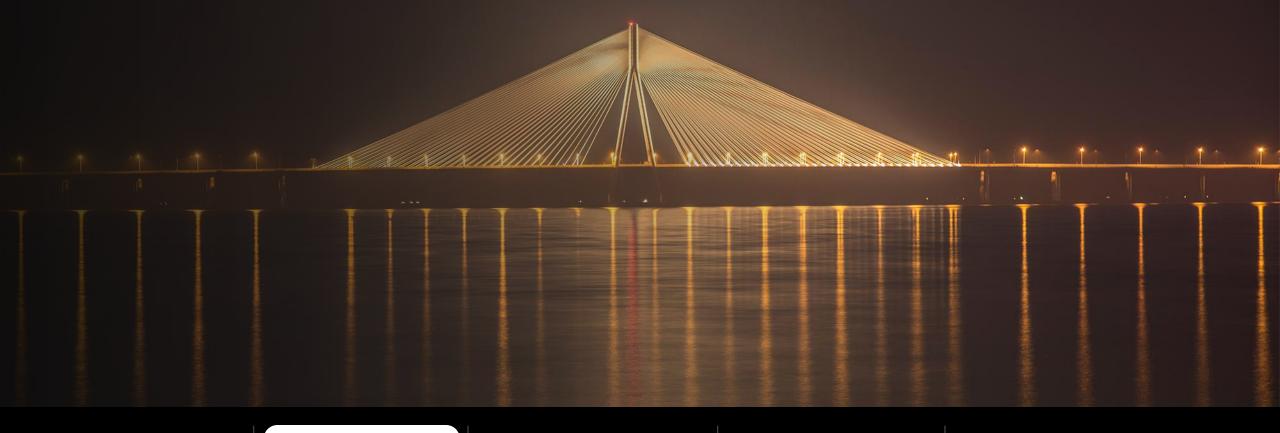
**Target 20 KAMs** globally

**Developing better** integration practices **Increase Addressable Capex through** strategic investments

**Drive good returns** to our stakeholders /community

## Q1 has validated our digital network world-view





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### Digital networks are attracting investments at scale



### All Network Creators Investing Heavily in Digital Infrastructure...



May 2020



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

May 2020



BT to invest \$12 Bn in building 5G and next generation full fibre broadband across the UK **March 2020** 

verizon\(

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

June 2020



Airtel to double its fixed line penetration in next three years

### ... and Attracting Billions in Capital



Jio platforms has raised \$20.2 Bn capital from global financial & strategic investors incl. Google & Facebook

### **CLOUD COMPANIES**

May 2020



Microsoft to invest \$15 Bn to accelerate digital transformation in Italy including its first data centre region

**March 2020** 



Google to invest \$10 Bn in US offices and data centres in 2020

Sets up a us \$10 billion for india



April 2020







Enterprise spectrum sees huge demand in US, UK, Germany,

Many companies have applied to set up **local 5G networks**.







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.

#### **PE INVESTMENT**

Feb 2020



KKR in partnership with Telecom Italia to invest \$7-8 Bn in Open Fibre deal

Feb 2020



EQT in partnership with OMERS to invest \$4 Bn to acquire a fibre optic internet access company in Germany

## 5G is now rolling out worldwide



# Telcos continue to be bullish about 5G spend

- T-Mobile, US announced plans to spend USD 60 bn on deploying 5G networks over the next 5 years
- Chinese telecom companies have announced massive tenders for 5G rollouts in this Quarter (~ 10bn USD)
- As of May 2020, there were close to 300 operators investing in 5G commercial services

## **5G Rollouts have** accelerated

- 11 operators launched 5G in 2020 (till May)
- Bell Canada launched 5G in June
- T-Mobile, Poland and Three,
   Sweden launched 5G in June
- In HongKong, 3 operators have rolled out 5G post April 2020

# Customers are adopting 5G at unprecedented rates

- Deutsche Telekom has reached
   16 mn subscribers
- Chinese Telecom Companies added 22mn 5G subscribers in 1 month (June 2020)
- South Korea has added more than half a million 5G subs in 1 month (May 2020)

### **Atmanirbhar Bharat is a now a reality**



June 2020

STL, Reliance controlled Radisys, and Tech Mahindra are set to build capabilities in building 'Virtualized 5G telecom networks'.

**Business Standard** 

July 2020 DoT aims to promote local telecom equipment manufacturing to enable Indian telecom equipment manufacturing sector transition to a global hub of indigenous manufacturing.

THE ECONOMIC TIMES

July 2020

RIL AGM 2020 updates: Ambani echoes PM Modi's 'AtamNirbhar Bharat', says RIL to work with Indian start-ups.
Reliance Jio's 5G network is built entirely by Jio employees in India



June 2020

India bans 59 Chinese apps and will move towards supporting India based technology ecosystem.

THE ECONOMIC TIMES





### Geopolitical environment offers new opportunities





The Verge

#### FCC designates Huawei, ZTE as risks to national security

Over the last few years, the federal government has called for Chineselinked telecom companies like Huawei and ZTE to be banned from the ... 3 weeks ago



Ars Technica

#### UK bans Huawei from 5G networks in "victory for the Trump administration"

The UK government today announced a ban on Huawei equipment in ... from the start that the Chinese-owned vendors Huawei and ZTE were ... 6 days ago



TechCrunch

#### US government may finalize ban on federal contractors using equipment from Huawei this week

For example, Huawei and ZTE are two of the largest telecom equipment providers in the world; Dahua and Hikvision are two of the biggest ... 2 weeks ago

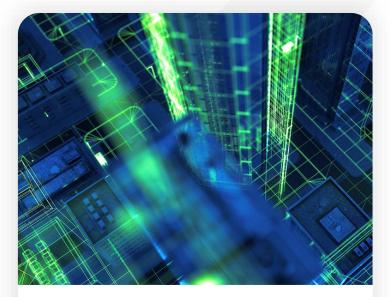


Telecom Lead

#### Telecom Italia excludes Huawei, Samsung, ZTE from 5G ...

Telecom Italia excludes Huawei, Samsung, ZTE from 5G network tender. July 10 ... for building the core network in Italy and Brasil, Reuters reported. ... China-based Huawei is already facing ban in the United Kingdom as well. 1 week ago





**European and North American countries are** looking for a new trustworthy partner who can build scaled networks

# Open source standard and software defined networking is now rapidly adopted



# GLOBAL TELCOS ARE RAPIDLY ADOPTING OPEN SOURCE STANDARDS

Global telecom majors such as BT, AT&T, Verizon, Jio, Airtel, Rakuten are moving to O-RAN and conducting several trials in partnership with other technology players

Global telecom players to invest nearly \$22 Bn in SDN and NFV technologies by 2021

Samsung has **launched** its carrier grade, **fully virtualized 5G RAN** solution

77%

enterprises are expected to increase their use of **Open Source Software** 

93%

of enterprises will adopt

Software Defined Networking

for cloud networks

Source: RedHat and Cisco

## Optical Fibre demand is expected to grow 6% in H2 2020



**Demand contracted by 9% in H1** 2020

Expected to grow by 6% in H2 2020

### Poised for growth from H2 2020 for next 5 years



Source: CRU

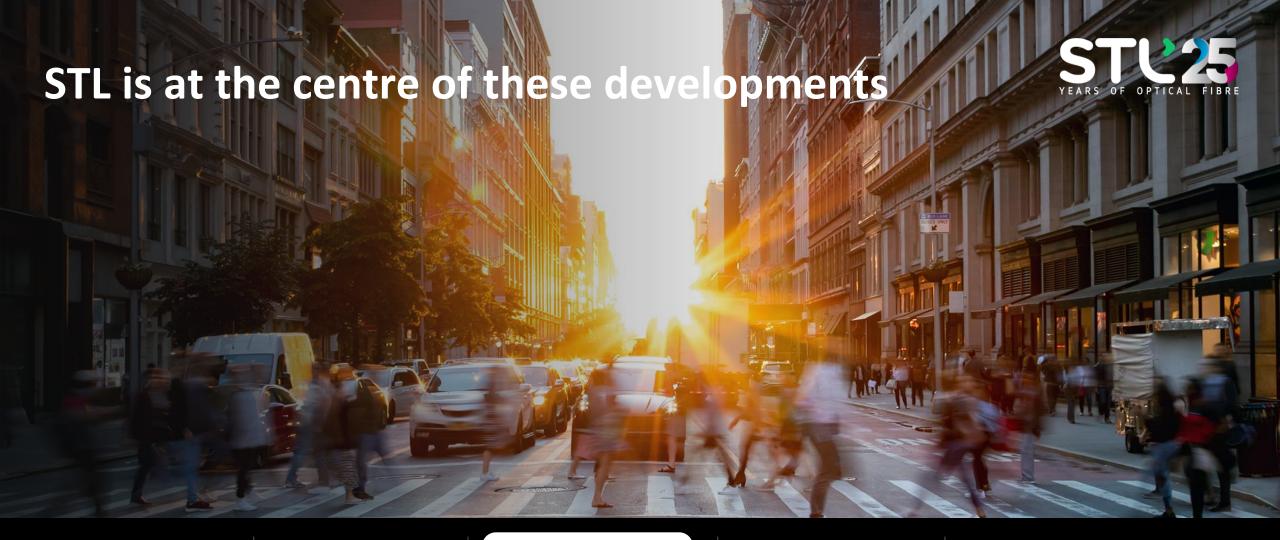
### Last 90 days have validated our digital network world-view



- Digital Networks are attracting investments at scale
- 5G is now rolling out world-wide
- Atmanirbhar Bharat is now a reality
- Geopolitical environment offers new opportunities
- Open Source and Software defined networking is getting adopted
- Optical fibre demand is poised for growth for next 5 years



Overall digital networks are in significant transition



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# This quarter we engaged in a large number of discussions, across variety of network use cases







**5G** NETWORKS



PAN NATION
NETWORK
CONNECTIVITY



**W**IFI HARDWARE



SOFTWARE DRIVEN
NETWORK
PRODUCTS



DATA CENTER AND
SMART CITY
CONNECTIVITY

"I see STL can grow
5-10x from today as it
is solving network
build constraint, has
open virtualised
access software
portfolio and is a
non-Chinese partner
to Network Creators."

Global Head TMT, Top Mgmt Consultancy

# These are quality interactions with global, marquee network creators





ONE OF THE
LARGEST EUROPEAN
TELCO

FTTH ROLLOUT



NORTH AMERICAN
DISRUPTIVE TELCO

**5G** NETWORKS



LEADING INDIAN
TELCO

PAN NATION NETWORK CONNECTIVITY



DISRUPTIVE ASIAN TELCO

WIFI HARDWAR



LARGE EUROPEAN
TELCO

OFTWARE DRIVEN NETWORK PRODUCTS



GLOBAL SMART
CITY

DATA CENTER AND SMART CITY CONNECTIVITY





Benoit Huver (Executive, VP Group Supply Chain Director, Orange)

We are fully convinced to partner with STL because of your technical skill set, installing capabilities and production strength. We wish to do more work with STL in the future





Commodore KJ Sharma (Indian Navy)

The best company which has been associated with us for giving us a 10Gig network is STL. I want to thank the STL for giving the big data analytics the navy wanted

## Deep engagement for end to end solutions







Optical Connectivity

A multi year contract with a leading Telco from Middle East.

Multiple orders from Europe.



Fibre Deployment

New orders in **Project Mahanet**.



FTTx Access Network

Continued contract with an Indian Telco.

Digital transformation for an African Telco.



Network Modernization

New orders in Project
Varun with Indian
Navy.





**Anuj Jain**(President, Network and JioFiber Business)

STL has been our partner since inception. As we enhance our value proposition for our customers, STL as our network partner is enabling the reach of our digital solutions to the last mile.





Anshu Prakash, (Secretary, Department of Telecommunications, Govt. of India)

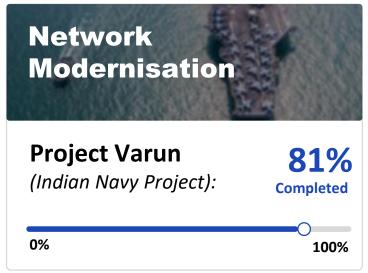
5G Edge Mantra is a very innovative product because it brings together backhaul and front end connectivity. I hope that STL gets a good market for it and we are proud that an Indian company is doing it.

## Our operations are back to support these engagements

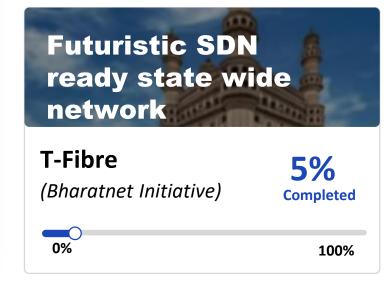


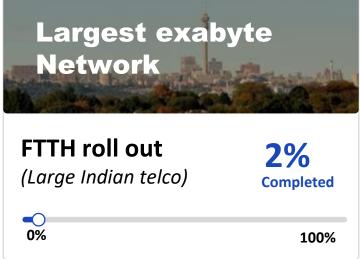


Plants back to pre-covid production levels











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# **Anupam Jindal**

**Chief Finance Officer** 

### Our participation funnel is growing ....

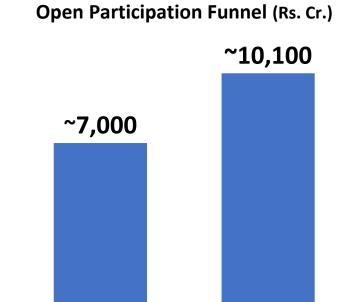


Multiple customer engagements across network use cases

Quality interactions with marquee global customers

Solving customer challenges via end to end solutions





Q1 FY21

Q4 FY20

### Translating into healthy order book

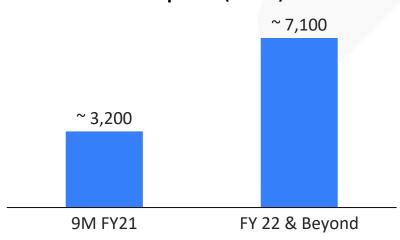




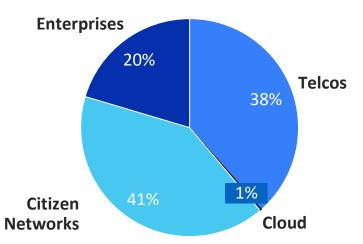




#### Order Book Spread (Rs. Cr.)

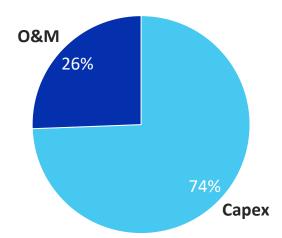


### **Open Order Book Customer Segment wise**



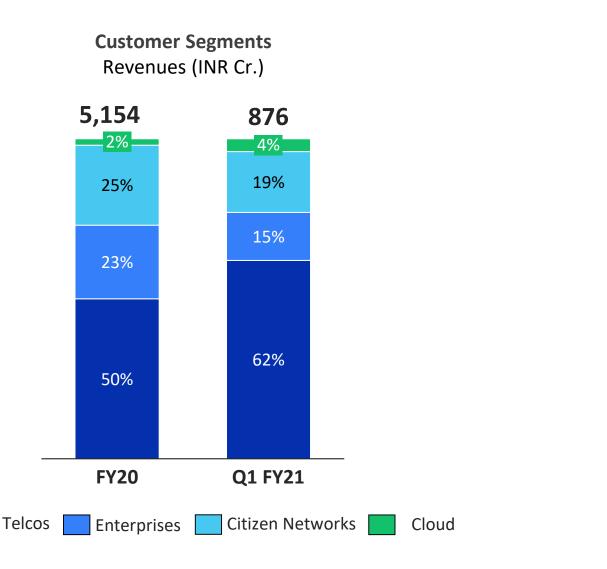


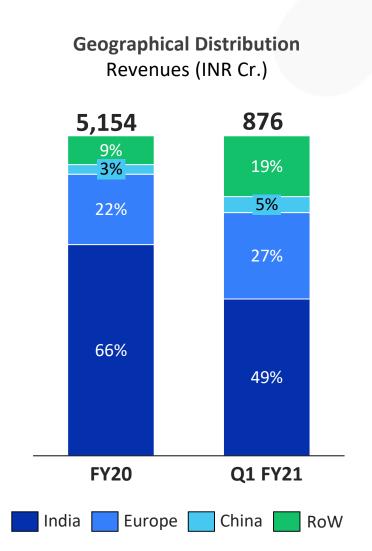
### **Open Order Book Split**



### Revenue mix is balanced across customers and geographies







### Q1FY21 performance has been resilient despite covid-19



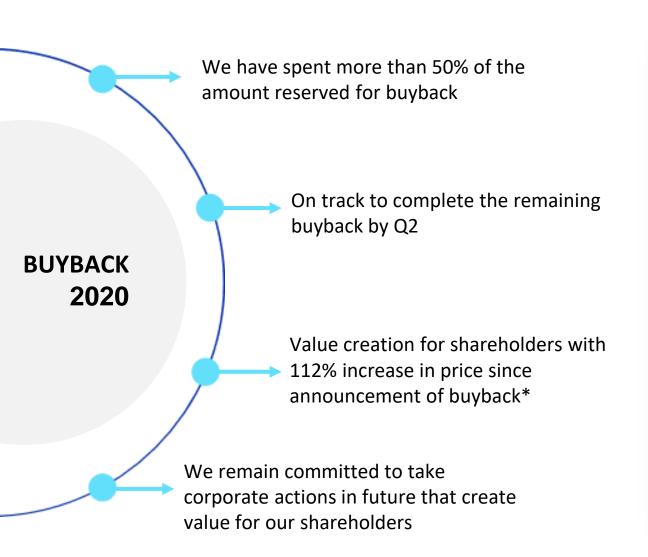
P&L (INR Cr.)	FY20	Q1 FY21
Revenue	5,154	876
EBIDTA	1,104	131
EBITDA %	21%	15%
Depreciation	290	74
EBIT	813	57
Interest	221	50
Exceptional Item	51	-
РВТ	542	7
Tax	109	4
Net Income (After Minority Interest)	434	6
<b>Net Income</b> Adjusted for exceptional item net of tax	472	6

- COVID-19 impacted performance.
- Projects execution significantly impacted due to lock down.
- Production & delivery was hurt due to logistics challenges.
- Q2 will be transient quarter as we align our efforts.
- H2FY21\* will be better than H2 FY20

<sup>\*</sup> Barring any force majeure event

### Ongoing buyback demonstrates our confidence in the business



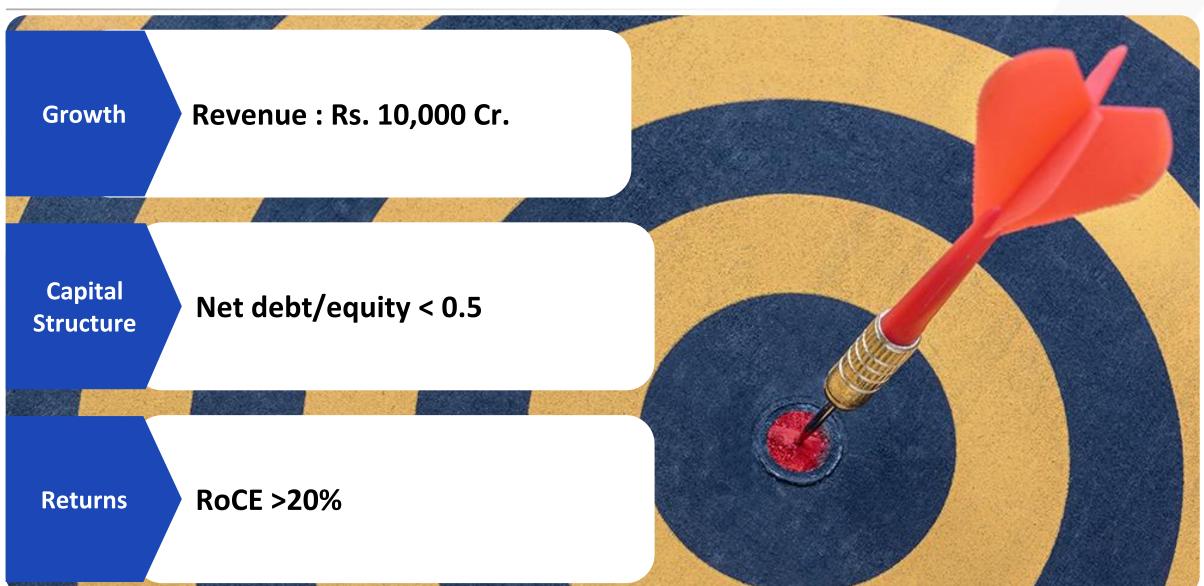




### We are on track to deliver our Vision 2023

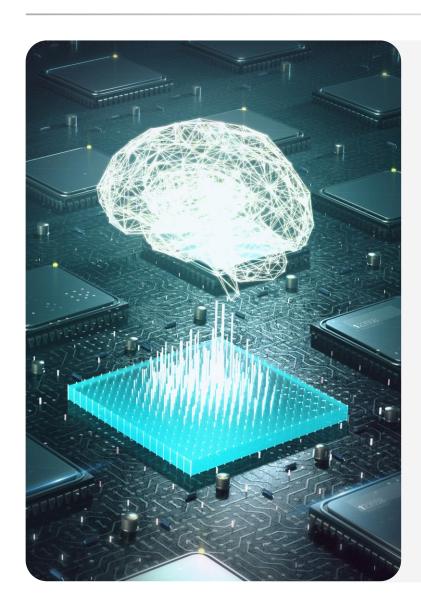


We shall double our revenue & reduce net debt/equity to half while maintaining RoCE >20%



### STL is ready for a decade-long digital network creation cycle





- An unprecedented decade of digital network creation has started
- STL has unique capabilities to be a leading digital network integrator
- Last 90 days have validated our digital network world-view, with investments and next-gen tech adoption
- STL is at the center of these developments, engaging with marquee global network creators for end-to-end solutions
- With our focus on strategic pillars and continued customer engagement, we are on track for Vision 2023



STLeScope 2020 -A vision for 2023

Q1 has validated our digital network world-view

STL is at the centre of these developments **Our Financial** Performance - on track for Vision 2023

Q&A



# Thanks