

Mar 23, 2022

**National Stock Exchange of India Limited** 

Exchange Plaza, 5<sup>th</sup> Floor, Plot No. C-1, G Block, Bandra Kurla Complex, Bandra (East) Mumbai - 400 051. **BSE Limited** 

Phirozee Jeejeebhoy Towers,

Dalal Street,

Mumbai - 400 001.

Sub: Intimation of Schedule of Analyst/ Institutional Investor Meetings

Ref.: Scrip ID - STLTECH/ Scrip Code - 532374

Dear Sir/Madam,

Pursuant to Regulation 30 of SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015, the details of proposed schedule of Analyst/Institutional Investor meeting(s) is as follows:

Date	Name of the analyst / Institutional Investor	Venue of the Meeting	Type of the Meeting	
Mar 23, 2022	Ageas Federal Insurance		Group Meetings	
	Centrum Wealth Management			
	Emkay PMS			
	ICICI Lombard			
	Individual Investor B&D			
	iWealth Fund			
	Lighthouse Funds			
	Max Life Insurance			
	MK Ventures	Virtual Meetings Motilal Oswal		
	OHM Group			
	PGIM India Mutual Fund	Ideation		
	Quant Money Managers	Conference 2022		
	Sage one Investment Advisors	2022		
	Sidcap			
	Solitude Capital Management			
	State Bank Of Mauritius Ltd.			
	Tata Asset Management			
	Tata Investment Corporation			
	Wealth Managers			
	Polunin Capital		One-on-One meeting	



#### Note:

- 1. Dates of aforesaid meeting(s)/call(s) are subject to change due to exigencies on the part of Investor/Company.
- 2. No Unpublished Price Sensitive Information will be shared during the meeting(s).
- 3. The copy of the presentation for discussion is attached.

We request you to please take the same on record.

Thanking you,
Yours faithfully,
For Sterlite Technologies Limited

**Amit Deshpande** 

Company Secretary & Corporate General Counsel

Encl.: As Above.

# STU

# Investor Presentation Feb.'22



#### Safe Harbour



Certain words and statements in this communication concerning Sterlite Technologies Limited ("the Company") and its prospects, and other statements relating to the Company's expected financial position, business strategy, the future development of the Company's operations and the general economy in India & global markets, are forward-looking statements.

Such statements involve known and unknown risks, uncertainties and other factors, which may cause actual results, performance or achievements of the Company, or industry results, to differ materially from those expressed or implied by such forward-looking statements.

Such forward-looking statements are based on numerous assumptions regarding the Company's present and future business strategies and the environment in which the Company will operate in the future.

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**Company overview** 

Strong Industry tailwinds

STL's unique proposition

Future growth levers

STL financials

Annexure

2021-2022 Sterlite Technologies Limited

Core **Business** 

# We Integrate Digital Networks for Our Customers

Customer Segments







Citizen **Networks** 



Large **Enterprises** 

End-to-End Solutions

opticonn

**Optical Connectivity** 



**Wireless** Connectivity



**FTTx** Integration **Network** 



**Network Modernisation** + Fibre Deployment

**Business** Units

Unique Capabilities



**Optical Networking Business** 



**Wireless** Solution **Business** 

RAN Intelligent Controller

Network Orchestrator



**Software Business** 



- Glass Preform Virtualised RAN
- Optical Fibre
- Optical and Specialty Cables
- Optical Interconnect Kits
- Programmable FTTx

Wi-Fi 6

- Digital BSS Platforms
- Network Operations **Platforms**
- Digital Application **Development Services**



Global **Business Services** 

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

#### Our company in numbers



Rs. 41.72 bn.

9M FY22 Revenue

India (45%), EMEA (41%), America (12%), RoW (2%)

8

Global production facilities

50M fkm optical fibre capacity

2
Software Development Centre

4 Innovation centres

#### **India and UK**

**Global Business Services** 



678

#### **Patents**

Across the network layers

Zero

Waste to Landfill Shendra, Rakholi, Dadra



#### **Recognition by market influencers**



#### Gartner

#### Gartner

- Recognized as one the main representative suppliers with Peer review rating of 4.3 out of 5.
- · Recognized as top 5G RAN Vendor
- Recognized as leading 5G Small Cell Vendor
- Recognised in Gartner Market Guide OSS/BSS
- Recognized as key enabler in Gartner Digital Marketplace report

#### **Boston Consulting Group (BCG)**



 Named as one of Top Tech Challengers in BCG Tech Challengers Report 2020

#### **STL Partners**



- Featured in the 2021: 'Top 60 Edge Computing Companies'
- Top 10 RAN vendors to watch out for in 2021 by STL partners

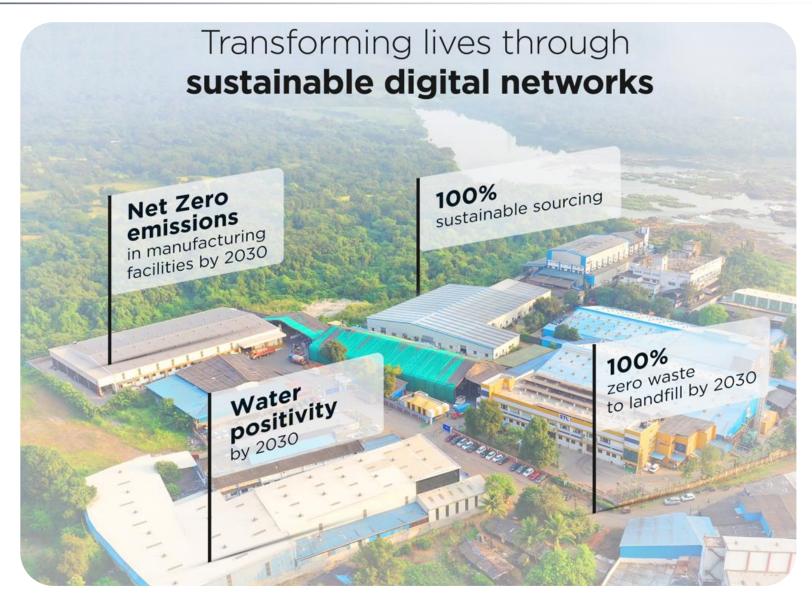


### Indian Institute of Management Ahmedabad (IIM-A)

• STL is now in an IIMA case study. From cable manufacturing to end-to-end solution provider.

#### **Industry leading commitment to Net-Zero Emissions by 2030**





#### Driven by our purpose to transform millions of lives





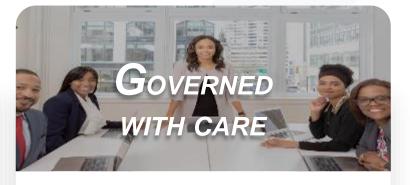
#### World's 1st ZWL Certified

139,000+ MT
Waste diverted from landfills and recycled
7,500+ tCO2<sub>e</sub>
Reduced through in-plant initiatives



#### **Committed towards UN\*\* Goals**

800+ MT
Plastic saved through innovative packaging
2.40+ million m<sup>3</sup>
of water recycled



#### **Strong internal governance**

#### Two of the Big Four

as statutory & internal auditors

Executive and Management committees in place



#### BIG GOALS: 5 MN. BY 2025

2.0+ mn. lives impacted70 ESG awards, 15 global

- Impacting 5 Mn. lives
- Undertaking 5 Mn. plantations
- Replenishing 5 Mn. m³of water in communities



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#### Industry poised for rapid growth



01



# Strong Tailwinds of Massive Investment Cycle

Network creators and Government / Federal funds investing heavily in digital infrastructure 02



# Tech becoming Mainstream

5G, FTTx and ORAN technologies growing at a rapid pace

03



# Optical Demand on growth trajectory

Sustainable demand for optical networking





# Massive fibre deployment globally

Fibre deployment wave across globe. In India, Telco capex revival to enable 5G

<sup>\*</sup> x in the FTTx stands for Home/Building/Premises/DC or Node (Curb, Small Cell, Antenna, etc.)

### Network creators & Governments investing heavily in digital infrastructure

#### **ENHANCED SPENDING BY NETWORK CREATORS**



Multiyear fibre inks

connectivity deals with

Frontier communications

for 25 states



Deutsche Telekom targets 2 Mn new FTTH connections in 2022.









Telcos to nearly double fibre footprint by 2027, connect 82 Mn US homes



Telefonica Germany to invest EUR 4 bn to connect 50% people with 5G



Meta to allocate **\$31.5 Bn** to capex in 2022







Indian DC Investments expected to touch \$4.6 Bn per annum by 2025

#### INCREASE IN GOVERNMENT INCENTIVES & FEDERAL SPENDING





Italian government launches **€4 Bn** investment scheme for fibre and 5G



FCC launches \$14.2 Bn Affordable Connectivity Program, along with the new Federal Stimulus

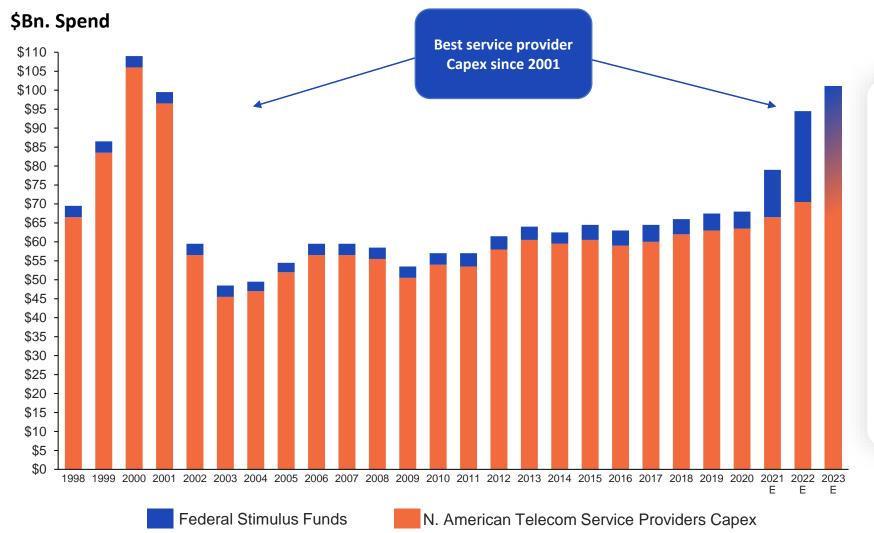


Rwandan govt borrows **USD** 100 Mn from Asian Infrastructure Development Bank for digital acceleration



#### Network creators & Governments investing heavily in digital infrastructure Large funding stimulus for broadband programs in the US





- Rising competitive intensity among broadband and wireless operators
- USD 100 billion in Federal Stimulus over 5-7 years; RDOF, ARPA, and IIJA

RDOF: Rural Digital Opportunity Fund ARPA: American Rescue Plan Act IIJA: Infrastructure and Jobs Act

#### Investments powering 5G, FTTx, ORAN deployments



# 5G becoming the fastest growing technology

- Global 5G revenue to exceed \$600 Bn by 2026
- 5G Deployments to reach 2.6 Bn by 2026
- 5G to generate 77% of global operator revenue by 2026
- Number of 5G base stations in China set to grow from 1.4mn to 3.7mn by 2025

# FTTx & Enterprise Networking growing massively in Europe, US, India

- Italy's Open Fiber plans € 11 Bn investment in new 10-yr strategy
- Altice USA reveals \$1.8 Bn Capex for FTTH
- FTTH/B to be 94.8% of the total fixed broadband revenue in APAC by 2026
- Deutsche Telekom secures €900M for rural fibre JV in Germany

#### **ORAN** commitments rising

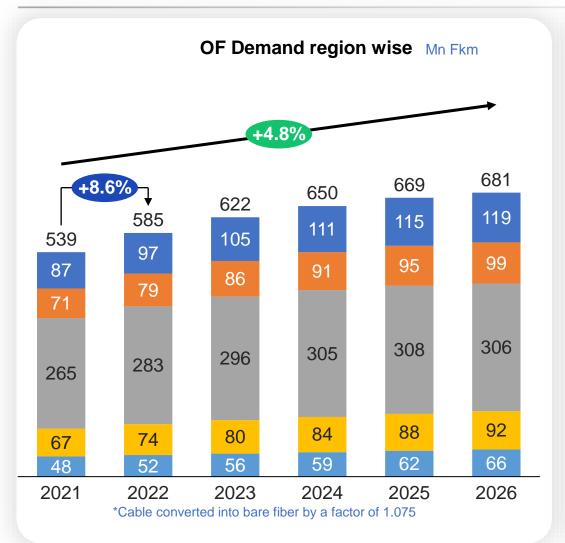
- Five Middle East operators sign MoU to support Open RAN deployment
- Germany announces \$344 million fund for O-RAN projects
- UK Govt. announced O-RAN acceleration programs
- Airtel commits to O-RAN by supporting a number of innovative partners

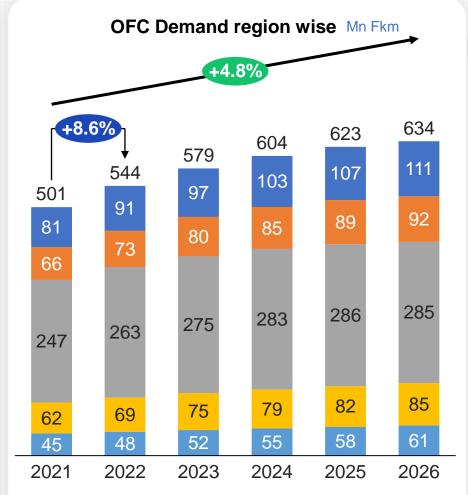
#### The decade long digital network creation cycle is here!



#### **Sustained demand for optical fibre**







CAGR

North America +6.5%

Europe **+6.8%** 

China +2.9%

Non-China A-P +6.5%

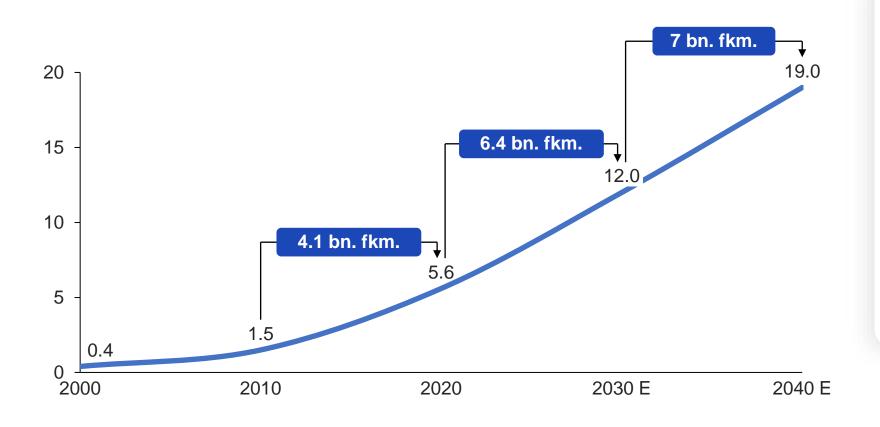
Emerging Markets +6.3%

#### Current decade to see a much higher fibre demand



15

#### **Cumulative Fibre Count (Bn. fkm.)**



- 2020-30 is the best possible decade for fibre demand
- 5G alone will require c. 5 bn. fkm. fibre
- Globally 65% homes yet to be connected with FTTx

\*Source: CRU Data



#### Massive fibre deployment planned across the globe





- Govt approves **Bharat Net under** PPP model for 360,000 villages
- Rs. 200 bn. as viability gap funding. Private partner to bring an equity investment
- Tender participation expected by Q4 FY22



#### **India - Private**

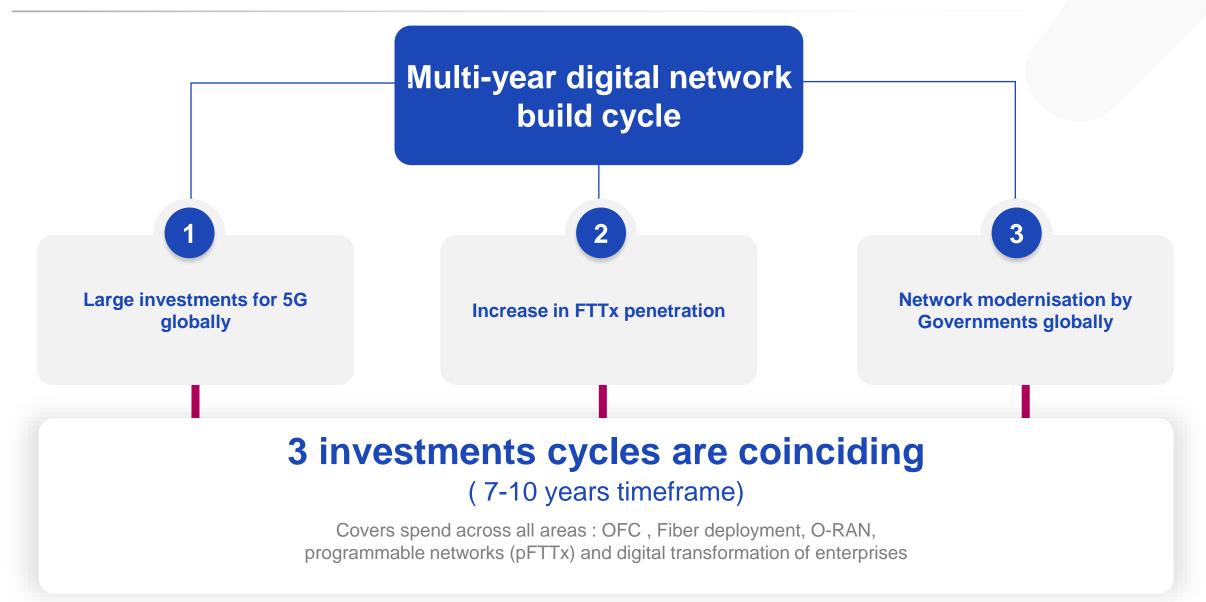
- Increase in ARPU's and profitability for Indian Telcos
- Increase in profits leading to capex revival, to enable 5G & strengthen 4G & FTTx
- Telcos expected to deploy more than **200,000 cable kms in FY23**



- North America: Rural broadband and telecom capex driving fibre deployment.
- **Europe**: Full fibre homes to double to 200 Mn by 2026
- **UK**: Hyperoptic targeting 3 Mn homes by 2024, Community fibre & Netomnia targeting 1 Mn each by 2023

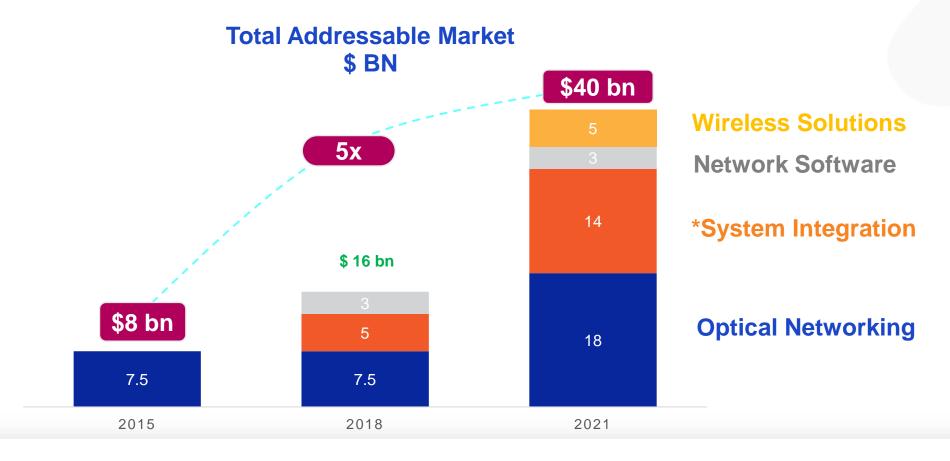
#### We are clearly in a multi-year network build cycle across the globe



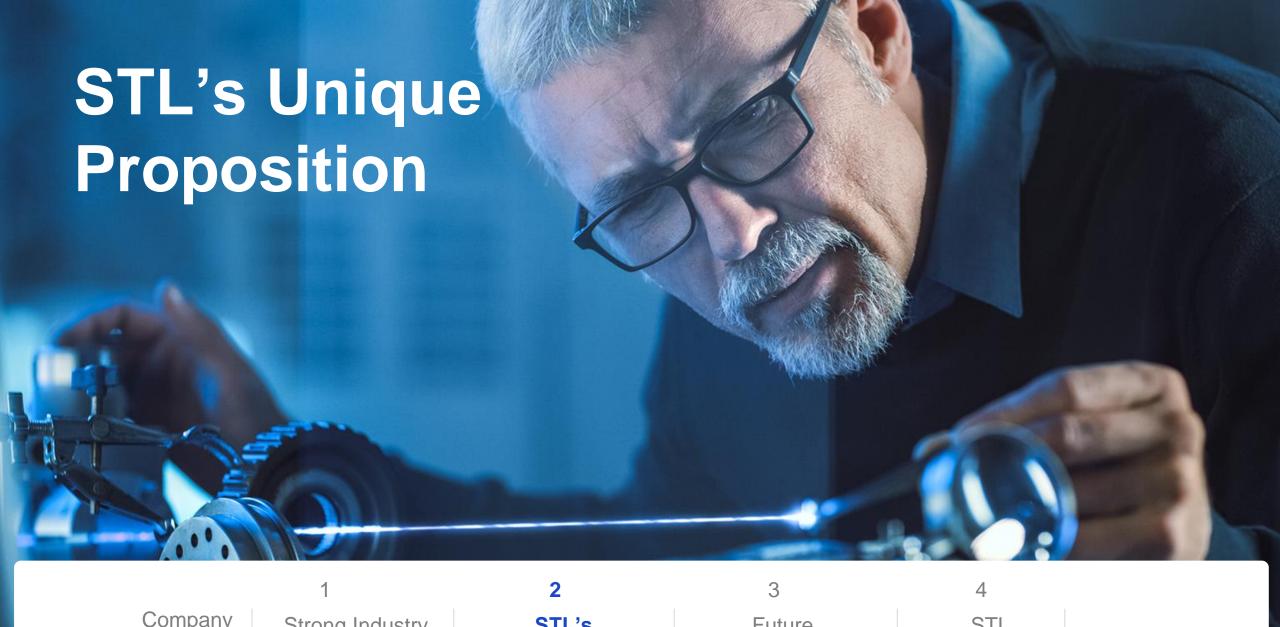


#### And we are well poised to lead this decade of network creation





5x increase in TAM over the last 5 years Now focused on increasing market share of the higher TAM



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STL's unique proposition

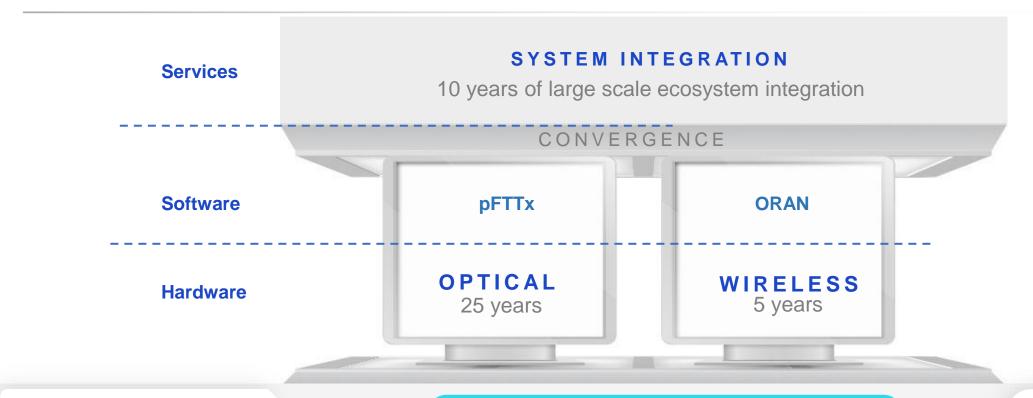
Future growth levers

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#### An end to end capability to integrate future digital networks





CONVERGED

Optical

Radio

COMPUTE

Connectivity

Hardware

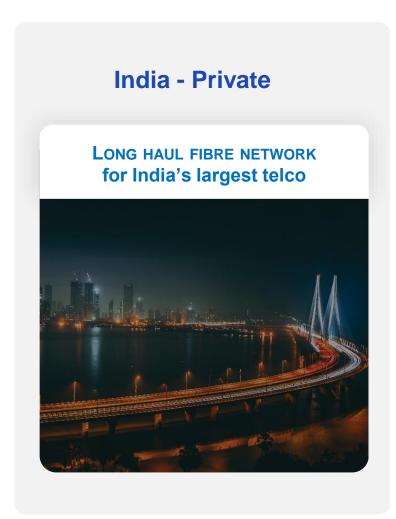
& Software

Converged
Digital
Network at
the Access

#### **Large Scale System Integration expertise**







#### Global

IN CITY FTTX DEPLOYMENT for UK Gigabit network



DATA CENTER INTERCONNECT for hyperscalers



#### 25 years of experience in optical networking solutions



**Optical Fibre** 

**Optical Fibre Cable** 

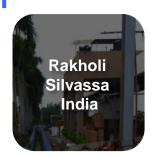
Optical Interconnect.

pFTTx





















Optical
Fibre
(Limited Players <50)

Optical
Fibre Cable
(Cable Manufacturers <200)

Optical Interconnect

Programmable FTTx

STL's unique manufacturing capabilities with complete vertical integration One of the top 3 integrated fibre producers in the world

8

GLOBAL PRODUCTION FACILITIES\* 50 mn

FKM OPTICAL FIBRE CAPACITY 42 mn\*

FKM OPTICAL FIBRE CABLE CAPACITY **Industry 4.0 standards** 

Fully automated machinery with robotic operations

**Efficient supply chain** 

Reduced delivery times and SCM cost

\* Plan to reach by Q2 FY23

#### **Cutting edge programmable wireless solutions**



#### **Open standards and programmable solutions**



5G Multi-Band Radio

Comprehensive Open RAN (Radio Access Network) radio portfolio with indoor small cell and outdoor Macro radio units



Garuda

O-RAN compliant, highly power efficient indoor 5G small cell solution



#### Wi-Fi6 Access Solution

An outdoor Wi-Fi 6 radio unit providing carrier-class connectivity in dense environments



pFTTx

An SDN, cloud-native solution that brings programmability to last mile networks



#### **RIC**

RAN Intelligent Controller used to optimize the RAN ecosystem using 3<sup>rd</sup> party xApps/rApps

#### Smaller Size



### **Better** Cost

\$

### **Lower Power**



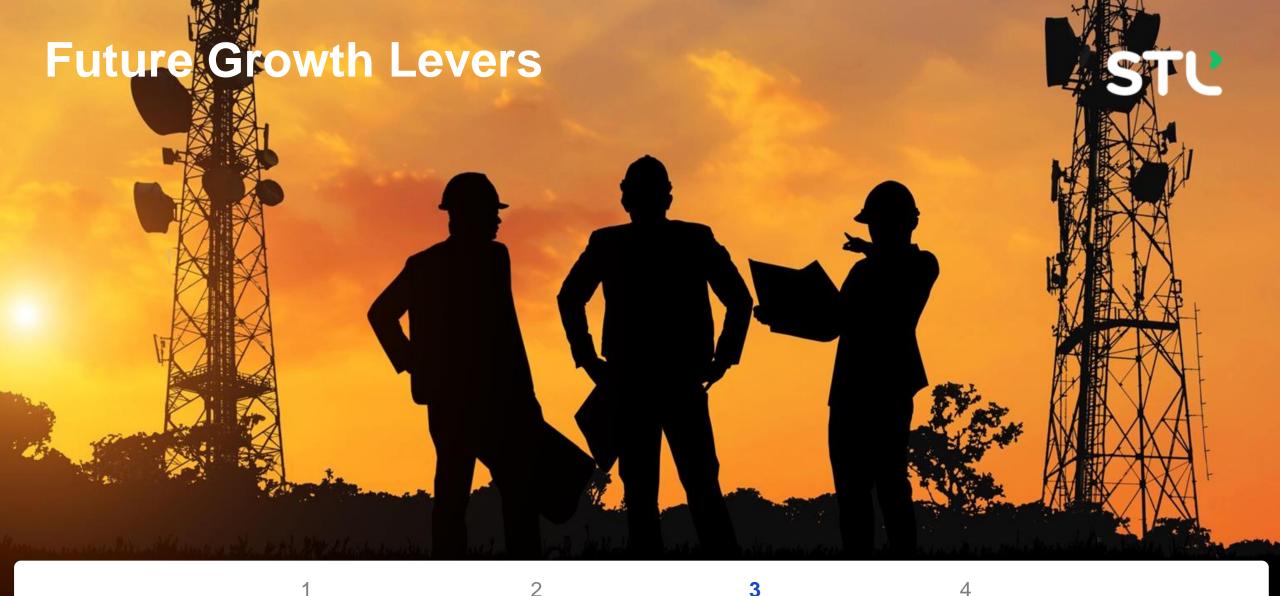
## **Easier Deployment**



# **Simpler Operations**



23



Company

Strong Industry tailwinds

STL's right to win

Future growth levers

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#### Three focused levers for growth

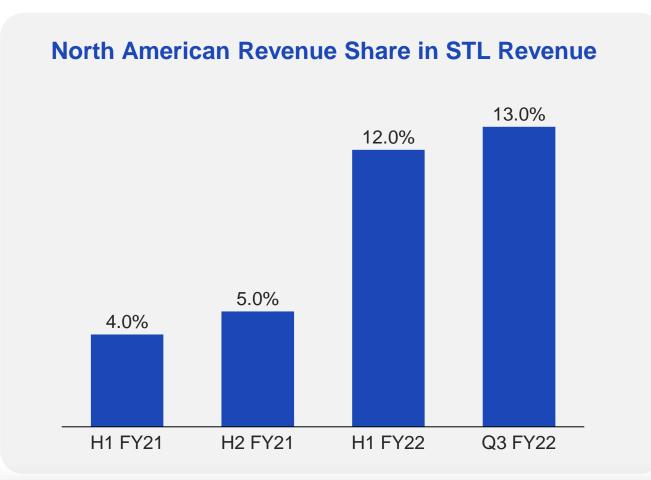






# **Grow Optical Networking Business Step jump in America with large order wins**





- Secured large orders worth Rs.
   3.0 bn. in the North American market in Q3 FY22
- Investing in OFC capacity in South Carolina; To commence operations by Q2 FY23

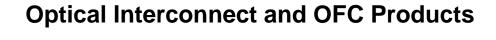
**Strongly positioned to further increase North American revenue** 



# **Grow Optical Networking Business**Significant wins for optical interconnect business in Europe













**Multi-port** 

terminal

Drop cable







openreach



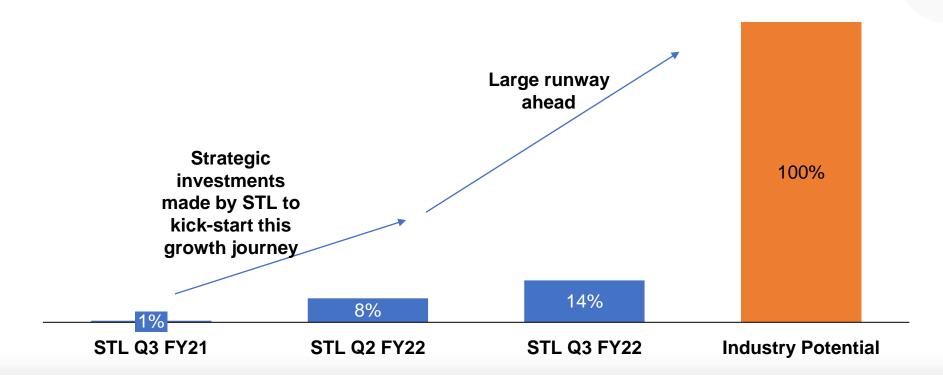
New Orders validate our strategy of **Opticonn** 



#### **Grow Optical Networking Business** OI attach rate continues to grow, large runway ahead



#### **Optical Industry OI attach rate – STL and Industry view**



STL has a large runway to increase the attach rate from ~14% to 100%



# Globalise System Integration Business Continued growth in attractive customer segments



#### ~6X revenue growth in the last 5 years

2016 2021

Defense & Large Enterprises

Defense & Large Enterprises

Telecom Companies

Citizen Networks

Data Center Business, Europe High profile and critical E2E NW modernization projects

Deploying ~ 15,000 KM of fiber annually, growing at a CAGR of 200 % + in last 3 years

~6,500 KM of fiber being deployed annually. Huge growth potential under Bharat net Program

Business on a growth path with marquee customer base

Having attained
market leadership in
India, we have
embarked on global
growth starting with
the UK



# Globalise System Integration Ramping up talent and execution in UK





- Clearcomm integration completed
- Utilizing Combined team strength of more than 150+ employees & 20+ partners
- Resource augmentation with ~50
   trained telecom engineers from India

UK revenue contribution to reach 25% of Global Business Services in the medium term



#### **Build Wireless Solutions** Big strides on 5G product development; Secured Pilot orders



#### **Product Development on track**



**Programmable FTTx** 

**Announced General Availability** 



Garuda

**Announced General Availability** 

- 100 patents as of Q3'FY22
- Announced GA for pFTTx and Garuda
- Targeting GA for Macro Radio units & RAN Intelligent Controller (RIC) in FY23

#### **Deep customer engagements** across geographies

- Multiple early stage engagements across the world
- Secured pilot order for Garuda for 5G networks
- Building Telco Cloud Software, Radio hardware & software capability
- Specialised engineering talent of 300 +

In medium term, aiming to generate 3-5% of revenue

GA: General Availability © 2022-2023 Sterlite Technologies Limited

#### 4 global business builders driving scale





**Paul Atkinson** CEO, Optical Networking Business



Led **\$3.2 Bn** org ,**14** factories at Prysmian **15%** revenue growth despite adverse industry tailwinds at IXOM

Manufacturing excellence across full supply chain

Deep connects with **tier 1 customers and policymakers** in UK, Europe and Austraila

Win in the optical interconnect space across Europe and US for key applications like FTTx and Data centres by leveraging integrated solutions and deep customer relationships



Praveen Cherian CEO, Global Business Services

#### 26+ years IBM

Delivered **\$600 Mn** services revenue. Built **7000** strong delivery organisation

Delivered highest ever NPS of 80

Well connected with **private enterprises** across verticals in **India and South Asia** 

Create a leading services organization for private enterprises in India and UK by focusing on technology-led integration capabilities



Raman Venkatraman CEO, Software Business

#### 27+ years TCS

Led **\$1** Bn+ industry verticals with specific focus on Hitech services and with **20000** strong global delivery organisation

Built **industry partnership** ecosystems for Cloud, SaaS, Data & Cybersecurity

Deep Connect with **Enterprise Customers**, Technology Providers
and OEMs across **US**, **UK & Europe** 

Setup and scale Engineering & SaaS based offerings for industry verticals like Technology & Manufacturing & Media across US, Europe and India through capability builds and talent transformation'



Chris Rice
CEO, Wireless Solutions
Business

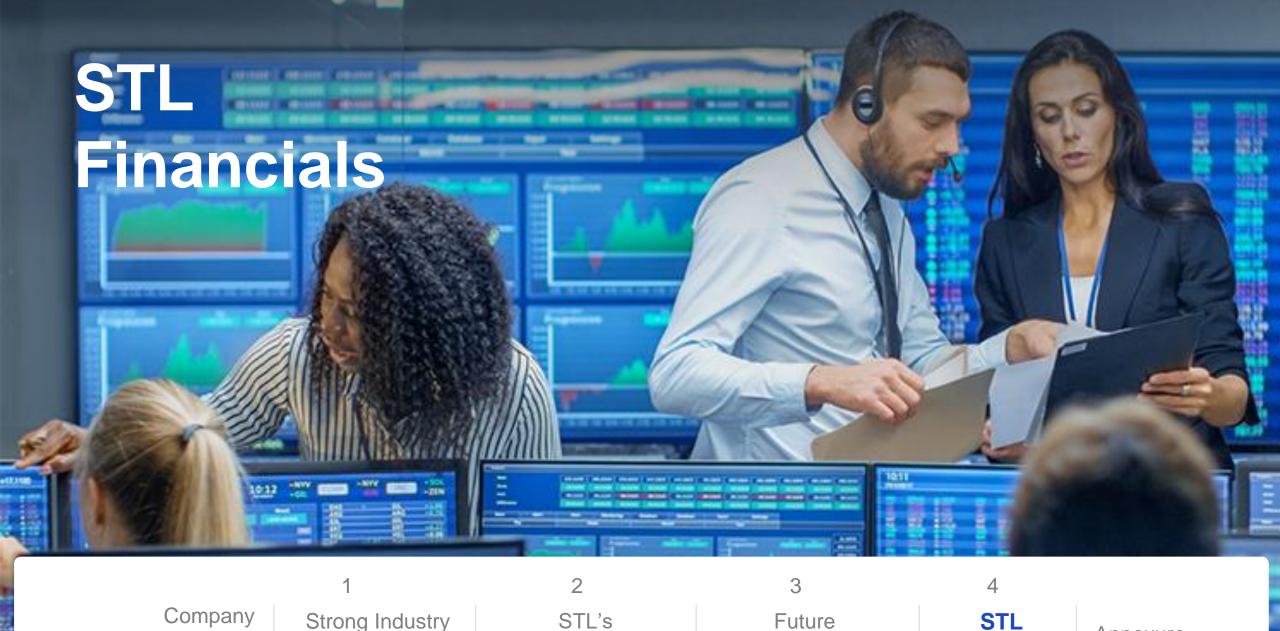
#### 25+ years AT&T

Led SDN conversion
DevOps of **\$1 Bn+** network assets.
Ran a team **10000+** 

Expertise in intellectual property sales

Deep relationships In Telco, Cloud, open source communities, wireless associations, US semiconductor ecosystem

Build a leadership position in **open source solutions** for fibre and 5G wireless amongst global telcos, by nurturing strategic partnerships and IP-led innovation



Company overview

Strong Industry tailwinds

unique proposition

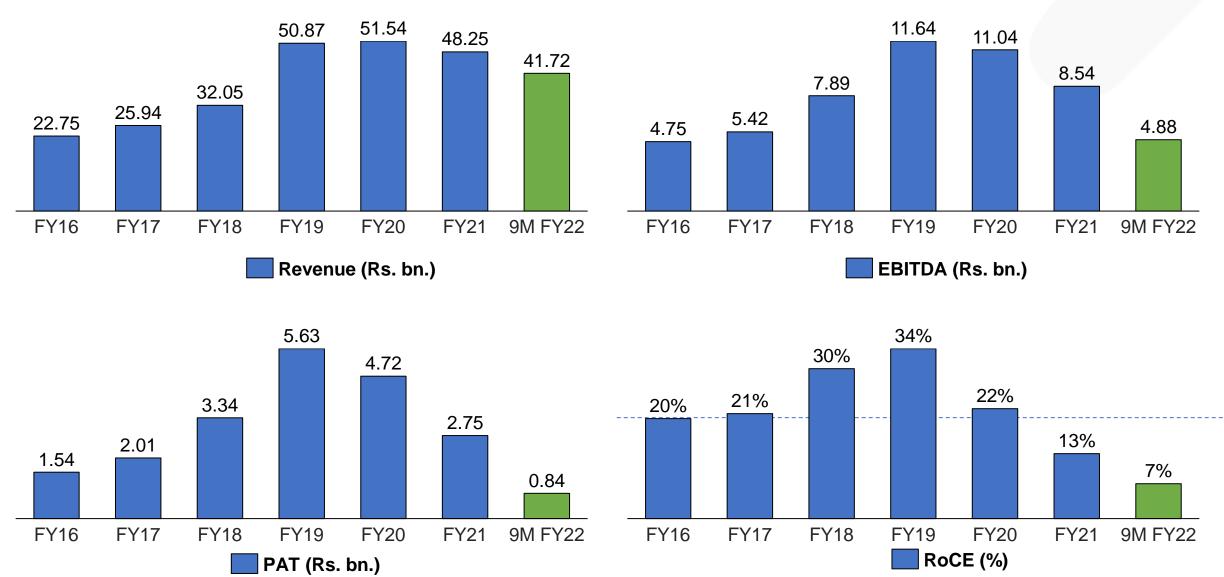
growth levers

**financials** 

Annexure

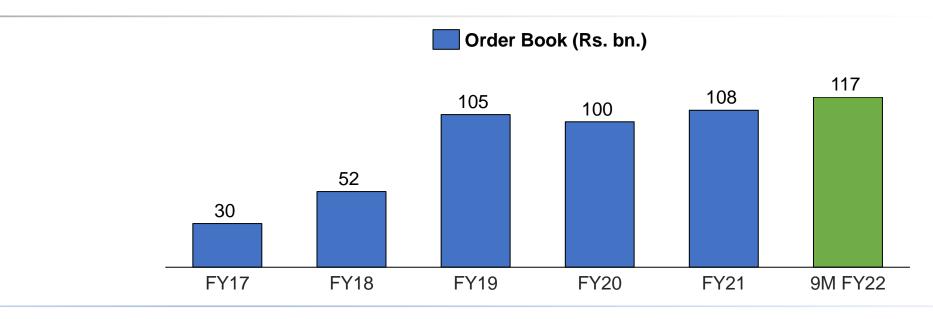
#### Delivering sustainable value for our shareholders



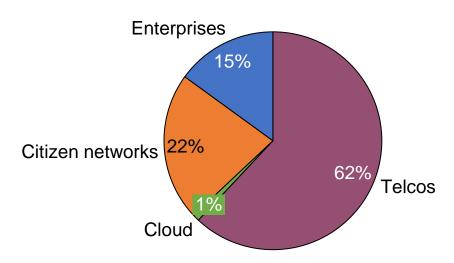


#### **Growing order book over the years**

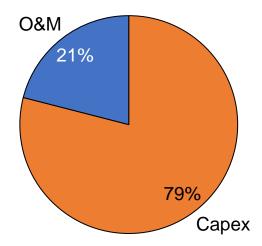




**Open Order Book Customer Segment wise** 

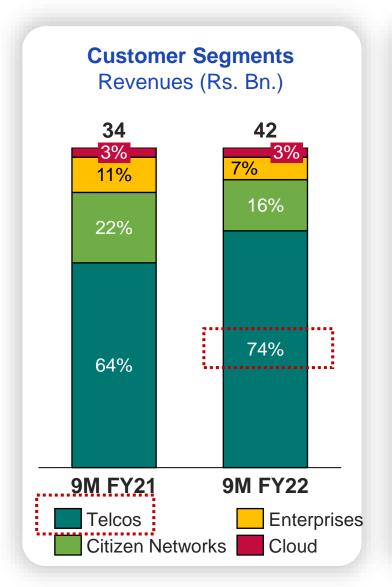


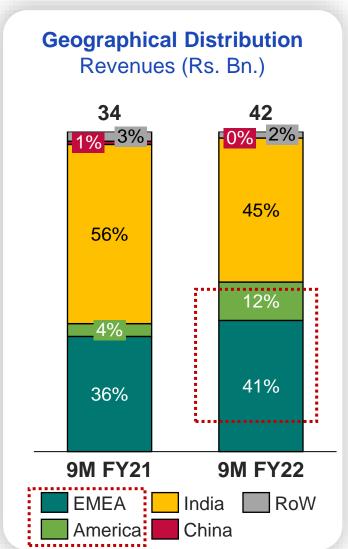
**Open Order Book Split** 



#### Revenue mix is moving to segments and geographies of choice

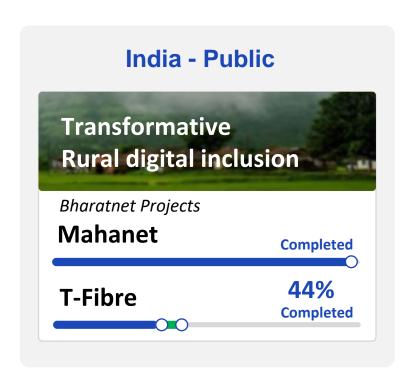


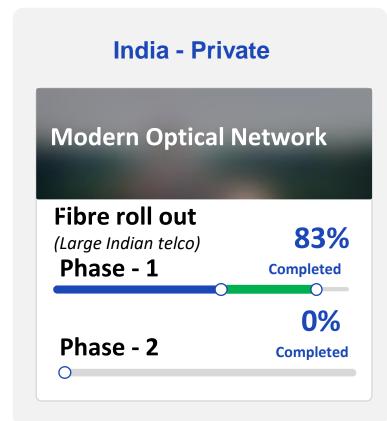


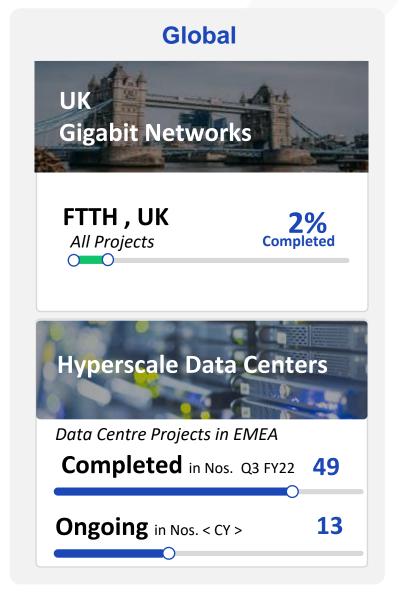


#### **Project execution is robust**









#### **Financials: Abridged Version**



P&L (INR bn.)	Q1 FY22	Q2 FY22	Q3 FY22	9M FY22	9M FY21
Revenue	13.09	15.08	13.56	41.72	33.50
EBIDTA	2.55	2.69	(0.35)	4.88	5.81
EBITDA %	18%	18%	-3%	11%	17%
Depreciation	0.70	0.74	0.90	2.34	2.24
EBIT	1.69	1.95	(1.25)	2.38	3.57
Interest	0.49	0.57	0.66	1.72	1.50
РВТ	1.35	1.38	(1.92)	0.82	2.07
Tax	0.38	0.36	(0.48)	0.26	0.61
Net Income after minority interest	1.16	1.06	(1.37)	0.84	1.46

#### We are committed to deliver our financial targets



Growth

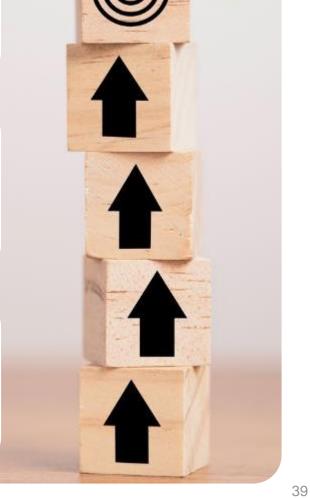
Revenue Run rate: Rs. 100 Bn. per annum by Q4 FY23

Capital Structure

Net debt/equity < 0.5 by Q4 FY23

**Returns** 

**RoCE >20%** 



#### Summary



Our growth strategy is delivering results. We have turbocharged the strategy execution with the new leadership at the helm

In the optical networking business, In OFC, we continue to strengthen our presence in the US market and in Optical interconnect, we continue to win large orders, particularly from Europe

In Global business services, We are ramping up project execution capabilities in the UK and are preparing for an upcoming massive fibre roll out wave across globe

In the wireless solutions business, we announced general availability for our 5G small cell and pFTTx products. Our 5G Macro Radio unit and RIC shall also be ready for GA in FY23

We shall **strengthen our QoQ growth from Q4 FY22** onwards. We are committed to our FY23 financial targets



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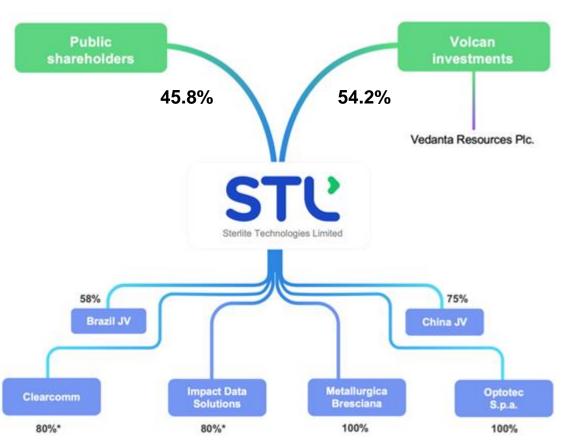
**Annexure** 

#### Corporate structure and shareholding pattern



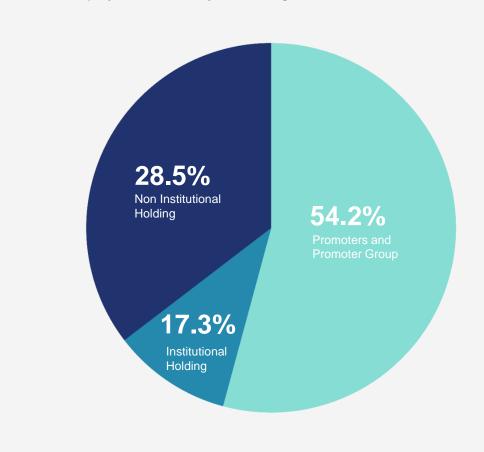
#### **Corporate structure**

As on Sep 30th, 2021 Only Subsidiaries that are material are disclosed



#### **Shareholding pattern**

Source: Company information; Karvy Shareholding Services; Data as of Dec 31st, 2021



#### With a strong board in place

### STU

#### **Independent Directors**



**Kumud Srinivasan** 

(Non-Executive & Independent Director)

- VP and Director of Non-Volatile Fab Manufacturing and Automation Systems at Intel Corporation
- Has spent 30 years at Intel in US, leading multiple global functions, prominent ones being R&D for technology manufacturing, industrial automation and IoT for manufacturing facilities
- Served as the President of Intel India from 2012 to 2016



**Sandip Das** 

(Non-Executive & Independent Director)

- One of Asia's most respected telecommunications professionals and an acclaimed Chief Executive
- Ex-MD of Reliance Jio, Group-CEO, Maxis Communications and Hutchison Essar Telecom (now Vodafone), India
- One of the founding members of private telephony in India and a part of the group of individuals that founded Hutchison Max Telecom in 1994



S. Madhavan

(Non-Executive & Independent Director)

- Fellow member of institute of chartered accountants of India
- Holds directorial positions in top listed companies like HCL technologies, ICICI Bank, UFO Moviez and Transport Corporation of India
- Had set up a successful indirect tax practice, which got merged with PWC.
- Held leadership positions for over 14 years at PWC and was instrumental in leading tax practice



**B. J Arun** 

(Non-Executive & Independent Director)

- Founded and led multiple successful ventures in silicon valley including California Digital, a Linux-based HPC leader and Librato, a software company
- Ex CEO of July Systems a location-based mobile management platform
- Currently the Vice President of Tie Global
- Remains dedicated to fostering entrepreneurship in technology community

#### Global team and global operations





