



October 2, 2022

National Stock Exchange of India Limited

Exchange Plaza, 5th 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: - Press Release – STL unveils 5G cosmos to help Indian telcos fiberise their networks for 5G

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

Dear Sir/Madam,

The Company is pleased to announce that it has unveiled **5G Cosmos** - an optical solution for towers and small cells - to lend speed to the 5G rollout.

A copy of the Company's Press Release in this behalf, is enclosed herewith.

Kindly take the above on record.

Thanking you.

Yours faithfully,
For **Sterlite Technologies Limited**

Amit Deshpande

Corporate General Counsel & Company Secretary (ACS 17551)

Enclosure: As above.



PRESS RELEASE

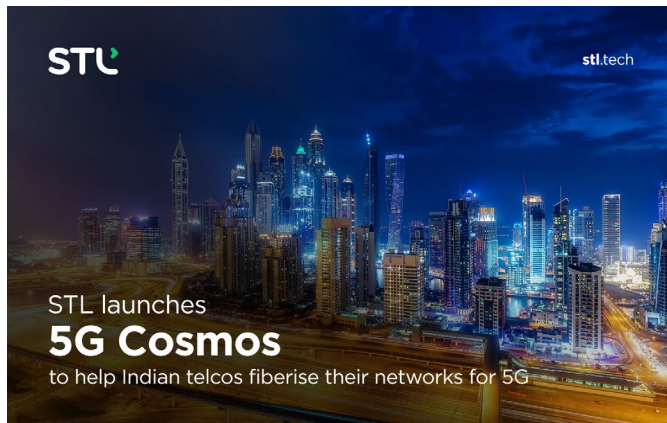
STL unveils 5G cosmos to help Indian telcos fiberise their networks for 5G

- Enable Indian Telcos fiberise 5g networks at a fast pace
- Help create high quality and long-lasting fibre infrastructure for the country

New Delhi, 02 October 2022: [STL \[NSE: STLTECH\]](#), one of the industry's leading integrators of digital networks, today unveiled **5G Cosmos** - an optical solution for towers and small cells - to lend speed to the 5G rollout.

As India approaches the much awaited 5G buildouts, telecom operators need to look at fiberisation with a futuristic lens. India's fiberisation will increase ~3X to 60 Mn fkm annually. Tower and small cell fiberisation will be big drivers. Tower fiberisation must increase from ~35% to ~80% to provide high quality 5G services. Additionally, 5G will require upto 4X small cells, backhauled with fibre.

Despite the intent and capital availability, India's fibre space is constrained by deployment speed and scale. 5G Cosmos is an **Atmanirbhar, patented solution that can solve these challenges and connect every tower, small cell and node. It comprises of:**



1. **5G optical network topology design** - The design will deliver a highly competent network with enhanced scalability, bandwidth, and reduced latency
2. **Stellar™ Fibre** - This bend insensitive fibre, apt for congested 5G topology, minimises data loss and ensures speed through seamless splicing
3. **Celesta intelligently bonded ribbon cables**- These high-density cables will reduce installation time and optimise project costs
4. **Plug-and-Play optical devices**- STL's **Opto-Bolt** and **Opto-Blaze** offer a pre-connectorised, ruggedised Plug-and-play solution, resulting in faster execution and de-skilling of field installations
5. **Automation-led fibre deployment**- This technology-led approach offers backhaul fiberisation using robotics and AI-driven field management systems

Launching 5G Cosmos at IMC 2022, Pankaj Miglani, Director Supply Chain Management, Bharti Airtel, said: “We are readying our infrastructure for 5G and fiberisation is a core need. We are happy to see the use cases that 5G Cosmos can solve for telcos and enable us to deliver a great 5G experience to our customers.”

STL’s Managing Director, Ankit Agarwal, remarked, “Indian telecom operators are ready to install fibre-dense networks for 5G. This will need an integrated and futuristic solution. We have built 5G Cosmos to enable fiberisation of macro and small cells at scale and achieve the full potential of 5G. We wish telecom operators the very best for one of the largest 5G rollouts in the world.”

About STL - Sterlite Technologies Ltd:

STL is an industry-leading integrator of digital networks that helps telcos, cloud companies, citizen networks and large enterprises deliver enhanced experiences to their customers. [Read more](#), [Contact us](#).

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