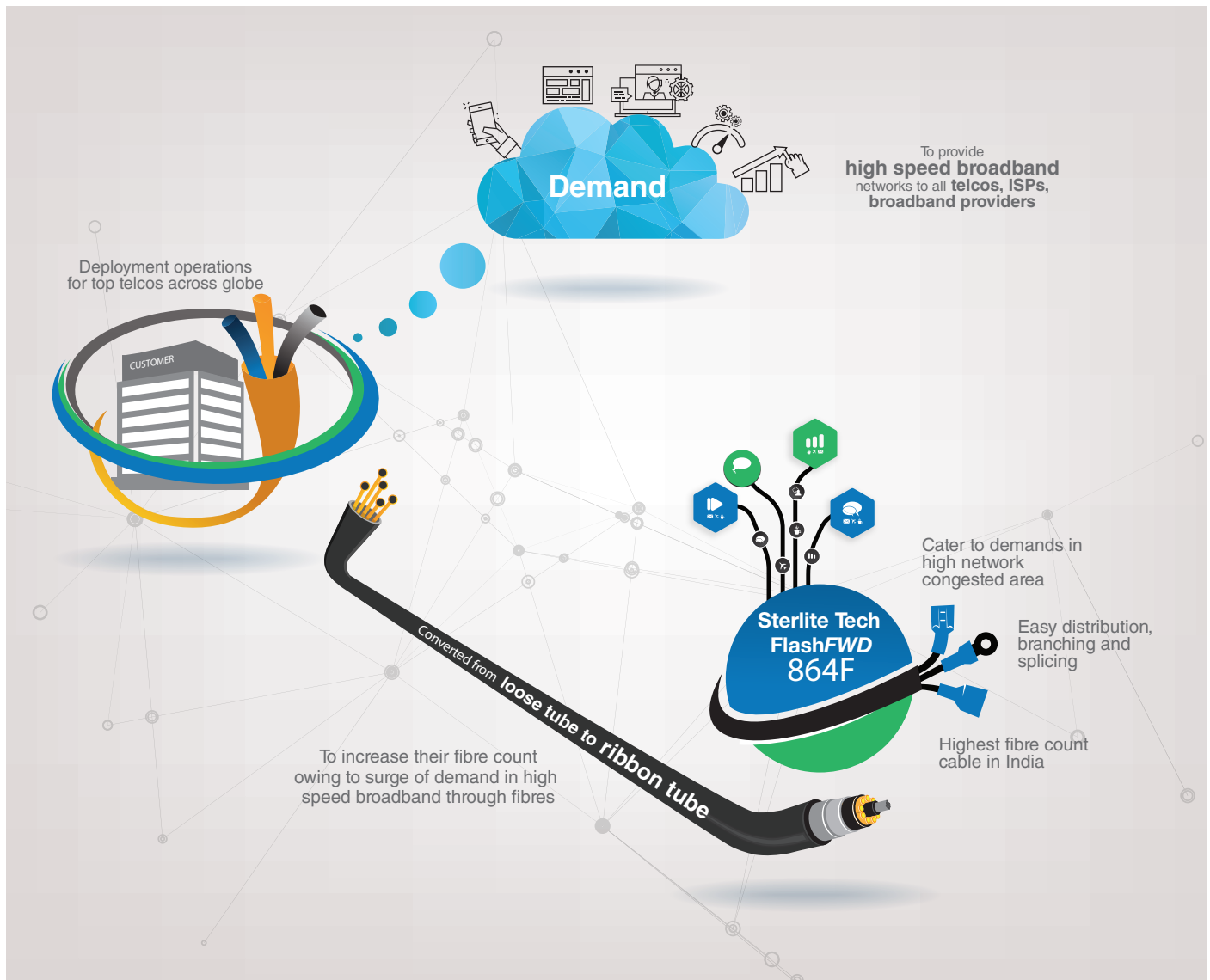


Disrupting network infrastructure evolution from Loosetube to FlashFWD Ribbon Cable



With the global transformation towards web scale networks that enables 5G and Internet of Things technologies, Sterlite Tech was getting multiple queries from its customers in US, EMEA and India for a new, dense network capability that enables extremely high data speeds and low response time. Here is a case study on how Sterlite Tech addressed this requirement through its FlashFWD technology.



5G Ready Network Solution



In the wake of growing awareness around Internet of Things (IoT) and the use cases it presents to global businesses and consumers, 5G will open a new era of opportunities for telecom operators and ecosystem partners world-wide. Internet of Things is also likely to provide a \$15 billion market opportunity for Indian businesses by 2020, according to officials at Department of Telecom (DoT). Combine this with the unprecedented growth in the number of smartphone users in India, which is expected to overtake the US in terms of smartphone shipment by 2019. Analysts are optimistic that India will hold around 15% of the world's smartphone market share by that period – Indian consumers are ready for 5G.

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Addressing this requirement and to accommodate multiple cable needs wherein telecom service providers could cater to their customers demands, **Sterlite Tech developed the innovative 5G Ready Network Solution named FlashFWD with 864 fibre count to optimise cable usage, lower TCO, provide future-proofing, and address the needs for effective utilisation of networks.**

In its 864F version, **FlashFWD** features 6 ribbon tubes to address demands of customers in high network congested areas in the present and in the future. The USPs of the cable includes easier distribution, branching and splicing of fibres in the form of ribbon tubes as compared to loose tube design. **864F bre count cable proved as the first step towards growing needs of high data demand in India.**

Our customers reaped its benefits of armoured designs and efficient use of limited duct space due to high fibre count. With special low-bend sensitivity, the cable provides high bandwidth and excellent communication transmission property. **The all new FlashFWD category is from NABL Certified plant and complies with the latest global standards of IEC.60794 series, ANSI/ICEA S-87-640, Telcordia GR-20, ITU-T Recommendations, CPR approved for LSZH versions.**

To address the deployment requirements and to match global benchmarks for this ribbon cable technology, Sterlite Tech also provided a series of technical engagements in order to increase customer's knowledge and awareness through its Sterlite Tech Academy. The Academy has specially designed modules to create Smarter Network Professionals equipped with the necessary skills to plan, deploy and maintain all kinds of fibre networks. The course modules are structured keeping in view the market needs and the skill sets that are the need of the hour.

