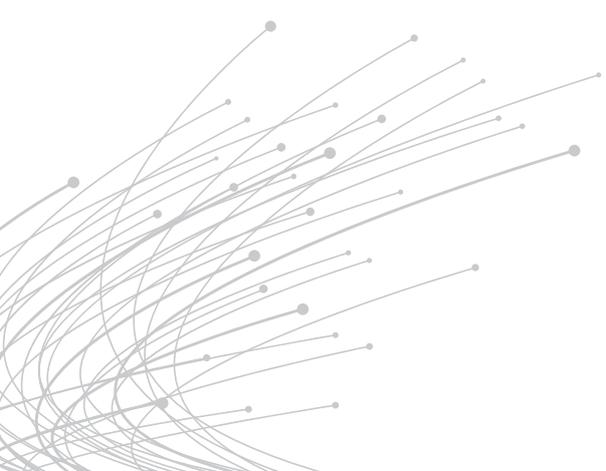# LIGHTNING SPEED
LOW LATENCY

Whether clients require scalable connectivity or to own their own fibre network. FibreCo's flexible upgrade path and tailored olutions allow clients the economic and technological freedom to develop their network as their business grows.

LATENCY

SPEED

FIBRECO
telecommunications

High-speed, high capacity networks are critical to the future of the world's internet and digital economy. FibreCo's network is designed for emerging technologies and is completely future-proofed for gigabit and terabit broadband needs. In partnership with its clients, FibreCo provides bespoke connectivity solutions across South Africa and metro areas ranging from fibre ownership to high capacity and complex managed networking solutions in support of wholesale and enterprise clients.

This allows clients to realise the benefits of the massive scalability inherent in high-quality, ultra-fast fibre-optic networks at a small fraction of the cost of deploying such infrastructure nationally.

CLIENT SPECIFIC SOLUTIONS

FibreCo's approachable attitude, network capability technical leadership and carrier grade service levels provides a solid foundation for rapidly evolving businesses across South Africa. FibreCo's unique responsive and flexible attitude in developing and tailoring specific solutions, ensures clients get what they need, when they need it.

Our approach allows clients to quickly and effortlessly scale up their network as their business grows while guaranteeing competitive economics and technological leadership. FibreCo offers technical assistance with optical and network design and provides detailed transparent design information based on client requirements, including fibre maps and network system information.

THE NETWORK

FibreCo's open-access network means that our infrastructure is made available on an equal basis enabling clients to deliver a wider choice of high speed products to their customers - on one network.

Spanning over 4,000 km, FibreCo's state-of-the-art network consists of underground fibre routes and carrier-grade equipment hosting facilities interconnecting over 50 points of presence country-wide including major data centres in Johannesburg, Cape Town, Bloemfontein, Durban, Port Elizabeth and East London.

SERVICE LEVELS AND RELIABILITY

FibreCo provides optimal network Operations and Maintenance functionality underpinned by a carrier grade functional framework. Proactive surveillance of optical fibre, hosting facilities and transmission equipment ensures effective management of preventative maintenance and corrective fault management.

FibreCo provides customised response and repair SLAs with network operations management provided by the FibreCo Network Operations Centre (NOC). The 24x7x365 NOC has full disaster-recovery capability with the following services:

- Service desk with web portal to ensure optimal trouble ticket, dispatch and fault management processes;

- Structured SLA management inclusive of customized reporting and customer interface management;

- Real time monitoring and surveillance of all network elements as well as environmental management (alarm monitoring and control) of facilities;

- Network inventory management.

All services rendered are modelled according to industry best practices as described by the eTOM and ITIL frameworks.

MANAGED FIBRE™

This unique lit fibre service provides clients with almost limitless fibre capacity as well as the technical and economic benefits of actual ownership without having to build or manage the required optical infrastructure and at a lower cost.

Managed Fibre™ simulates the economic profile of fibre ownership through a fixed monthly recurring cost with a once-off investment for capacity upgrades, i.e. clients can scale capacity as and when required simply by upgrading the transmission equipment.

Managed Fibre™ allows clients to be in complete control their ICT spend thus managing the spiralling cost of communication.

Managed Fibre provides:

- Any capacity, any time from 10Gbps-100Gbps-1Tbps;

- Economics of fibre with the ease of managed capacity. By bridging the gap between capacity and dark fibre the benefits of fibre ownership are realised without having to manage an optical network;

- Instant almost unlimited capacity across the entire FibreCo national network;

The flexibility of Managed Fibre™ enable clients to lead the market and provide innovative products and services to their customers without the fear of increasing bandwidth