



Networking and cabling

Comprehensive networking and fibre optic infrastructure solutions that deliver value through quality, speed and innovation

Our networking and fibre optic infrastructure solutions consist of an end-to-end offering that spans planning and the design of the network, to execution and support to match our clients' requirements.

Our in-house team of registered communications distribution designers and network specialists have over 50 years of combined experience in delivering network and structured cabling solutions.

Overview

Ulwembu Business Services provides structured cabling and fibre and wireless networks to public and private clients in South Africa. We specialise in planning, designing, installing and maintaining cabling systems that are flexible and scalable to meet our clients' specific needs.

Our engineering and implementation services involve point-to-point and multi-point transmission networks across southern Africa. These solutions – including aerial and underground fibre installations, as well as the many variants of fibre optic access infrastructure (FTTX) – facilitate the shift to digitisation, helping businesses adapt to the changing requirements of the digital age.

- Commscope KRONE accredited
- FOA certified technicians
- 25 year installation warranty
- Over fifty years' combined cabling design experience
- Certified RCDD designers

At Ulwembu Business Services, we understand the ICT challenges that your business faces today. By promoting strategic engagement and hands-on involvement, we commit our time, resources and expertise to providing you with comprehensive, efficient solutions that keep you connected to the rest of the world and offer you real business benefits.

Solutions

Ulwembu Business Services supplies, configures, implements, supports and maintains turnkey enterprise technology solutions that are customisable to our clients' requirements.

Networking and fibre optic infrastructure solutions

We offer aerial and underground long-distance fibre optic solutions as well as the many options of fibre optic access infrastructure (FTTX).

- Site surveys and documentation
- Pre-sales system design
- Networking engineering services
- Long-haul installations
- FTTX installations
- Fibre splicing and termination
- Fibre optic blowing, testing and repairs
- Civil works
- Project management

Structured cabling solutions

Our structured cabling systems are customisable to match your exact requirements for your business and flex as your business' needs change. We provide the copper and fibre optic cabling for connecting voice and data across the LAN and WAN and conduct comprehensive testing and CAD documentation services.

With over fifty years of combined structured cabling design experience, our in-house designers are certified RCDDs. Our experience in vertical and horizontal connectivity projects spans a wide variety of industry and commercial network cabling applications, as well as all aspects of network technologies and LAN solutions such as CAT 5e, CAT 6(a) and fibre optic network design.

Whether upgrading current cabling networks, relocating offices or updating facilities, Ulwembu Business Services has the experience and capabilities to provide you with an accurate scope of work, bid drawings and RFP documents that will eliminate costly change orders as the project unfolds.

Support services

Other cabling considerations and services involve:

- Cross talk
- Bandwidth
- Cable conformance
- Transmission error rates
- Fire prevention
- Cable management
- Maintenance and managed services
- Wayleave agreements and permits

Technology partner

Our networking and cabling solutions are powered by Bridging Digital Divide, a wholly-owned Ulwembu Business Services company.



BRIDGING DIGITAL DIVIDE

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