

Introduction to KirkComms (Pty) Ltd

The company was started in 2007 and the founding members were Lester Kirk and Andre Druyts. We saw the need in the telecommunications business for an independent company doing planning, data core networks, technical support, training and commissioning with fast no red tape solutions for our customers.

We all have several years experience in the Microwave, Optical fiber, DWDM, Multiplexers, Cross Connects and Ethernet LAN systems in the telecommunications field. Some of the projects we have done are;

- MTN Congo Brazzaville – DCN (Data Communications Network) & CDN (Core Data Network) planning and implementation for the SDH and PDH networks.
- MTN Congo Brazzaville – Roll out of the SDH SRT1f (waveguide microwave) backbone between Pointe Noire and Brazzaville and SRA4 and SRAL XD units.
- CELTEL Tanzania – CDN & DCN network planning and implementation for the network management system, technical support for the roll out and implementation of the SDH backbone (280 Network Elements). CDN setup with OSPF ring switching for redundancy protection.
- MTC Namibia – technical support for the high capacity data links of the 3G network.
- VODACOM Tanzania – DCN Network management system. KirkComms did the planning, procurement, rollout and support for Phase II (80 Network Elements) and Phase III (410 Network Elements). This also includes the CDN for 11 Cisco 2811 routers. This is also a multi vendor DCN meaning the CDN carries multiple vendor management systems.
- CELTEL Zambia – Commissioning and project management for Microwave and Optical fiber SDH network.
- Smile – VoIP SRAL XD Ethernet network commissioning.
- Training – For the South African Defense Force on Radio relay systems and SDH microwave systems.
- CELTEL Tanzania - Siemens SDH Network acceptance and capacity upgrade.
- Vodacom Mozambique – Transmission Audits and DCN support, re planning and fixing.

Our aim

Our main aim is to be a quality services supplier with competitive prices. Our company also does intensive product and software testing to provide the cheapest and best solutions to our customers.



We specialize in the following areas:

- Transmission Network Planning - We offer an independent outlook of planning microwave radio networks, including technical site surveys, and detailed microwave planning and Audits.
- Technical support for network implementation - We provide technical support when it comes to network implementation, we do have access to several teams of installation and commissioning staff through partner companies like BAYCOMM (RSA), FIFA & FLOW (Central Africa) and Maktech TEL CO (Central Africa).
- We are also very keen to work with local companies recommended by our customers to improve the quality and reduce costs. In this aspect we will supervise, train and support any local company to improve the local knowledge and experience base.
- Data Communications Networks Design and Implementation – We have successfully provided turnkey solutions to various operators. One big advantage is that we have DCN planners that are 100% allocated in the rollout phase. This provides onsite support and fast re-planning when required. This also reduces project rollout times and costs.
- Training – We are able to provide training, either via lectures and the practically in the field. We have been providing training for more than 10 years in telecommunications field. We can also train and support NMC staff and field staff in using the network management systems.

- Last mile DCN solutions has been tested and rolled out successfully. This reduces material costs on CDN equipment buy 70 to 90%.
- Remote support and commissioning – KirkComms have successfully implemented a remote support and commissioning tool that reduce operator down time and rollout costs.

Web punch-hole technology

Web punch-hole technology makes it possible to connect two IP networks to each other via the net. It can also handle a very high latency and this is very good for GPRS connections in Africa.



KirkComms has modified this technology to provide the best quality of service at the fastest time with the cheapest rates to our clients.

Now we can login to the local maintenance personnel's PC's on-site remotely from anywhere in the world.

Except for the VNC function we can also setup a VPN connection between any two PC's via the net in seconds. This makes it possible for KirkComms to run the local craft terminal or telnet session not as a VNC but as a VPN on the local PC.

KirkComms has use the VPN function successfully in the following tasks...

- Network rollout support – DCN and CDN remote commissioning.
- DCN and CDN maintenance and support
- Network element support
- Network LAN and server support
- Remote transmission element upgrades
- Network optimization

References:

- Vodacom Mozambique
- Vodacom Tanzania
- MTN Congo Brazaville
- MTC Namibia
- NSN South Africa
- NSN Belgium
- CeteL Tanzania (Zain)
- CeteL Zambia
- RDL South Africa

Company Contact information

Compnay Website → www.KirkComms.co.za
 Administration matters → Admin@KirkComms.co.za
 Technical Sales → Druyts@KirkComms.co.za
 Technical Specialit → Lester@KirkComms.co.za

Company Reg#: 2007/026119/07
 VAT#: 4790241451
 B-BBEE Level 4 (EME)# EMEX0W8Y

Main headquarters
 1209 KirkBy Street
 Queenswood
 0186

Postal address
 PO Box 11025
 Queenswood
 0186

