

Preliminary overview of IT Network solution

- The Public Network consists of up to 200 computers
- The Private network consists of up to 150 computers
- There are about 50 stand-alone computers which are dedicated to the staff including Administrators, information desk personnel and Finance office for working purposes.
- There is Wi-Fi in the public network and all of the computers are connected through a wired network
- They use Linux Systems for open source to cut cost and to reduce threats caused by viruses.
- The Network expands to four levels of the building.
- There is a Cyber Centre has Printing Machines
- VOIP Telephone each floor
- The Server uses Linux and windows
- There is centralization of network resources
- Third party applications such Sabinet are outsourced for academic materials
- The Infrastructure is managed and maintained by Network administrators, Desk Top support technicians, Application managers and web managers that provide first line support to the IT infrastructure of the National Library of South Africa

Devices found on the Network

- Computers/laptops
- Switches
- Routers
- Servers
- Firewall
- Printer
- Fax
- Wireless access point (WAP)
- ADSL modem
- Proxies
- Uninterruptable power supply