# NWEG5122 ICE 07 SOLUTION

LAN -LOCAL AREA NETWORK

A LAN is a network of interconneccted devices in a limited geograpraphical area,these devices have a common line of communication wirelessly or using an ethernet cable.This type of network is very reliable and can be used on a range of devices.Usually used for areas such as homes ,offices and small buildings.

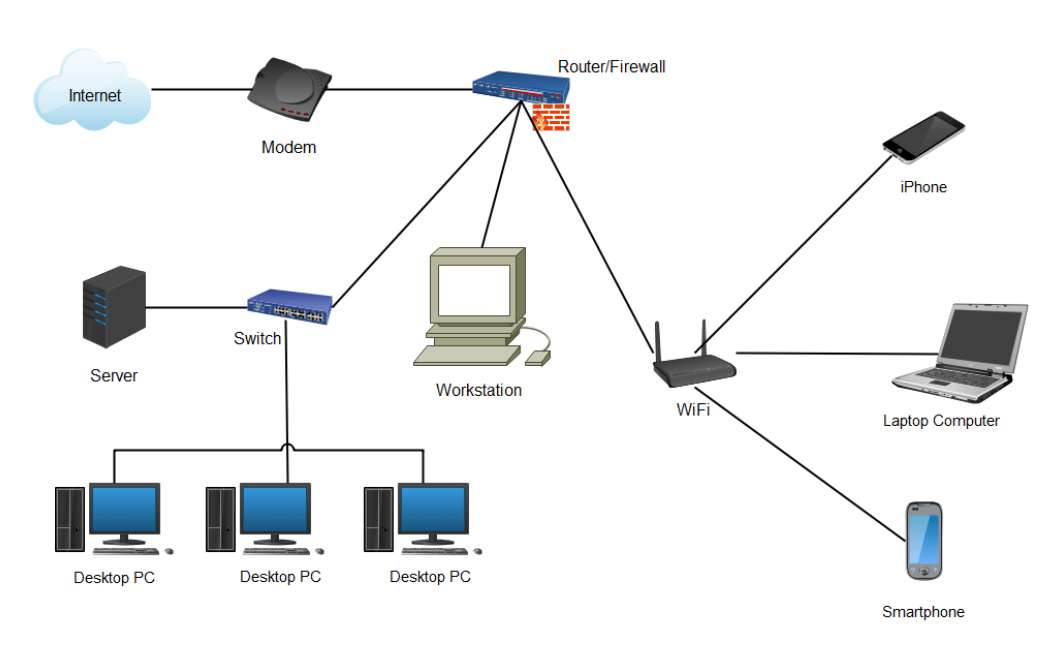


Figure :Local Area Network Diagram Lan Diagram Complete Guide: EdrawMax (no date) Edrawsoft. Available at: https://www.edrawsoft.com/lan-diagrams.html (Accessed: 16 October 2023).

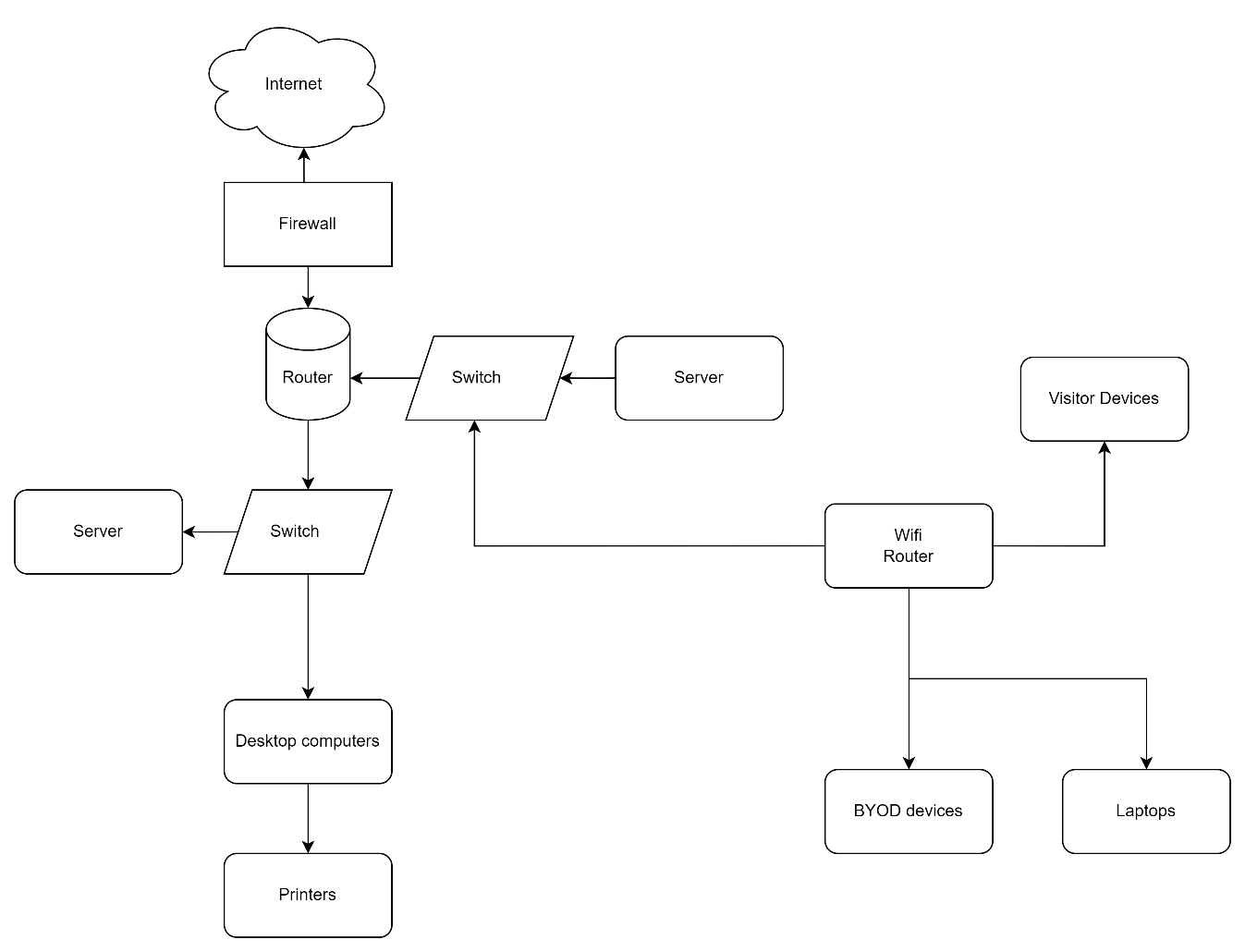


Figure :LAN diagram of Mr Khoza's network

WAN -WIDE AREA NETWORK

A wide area network is a private network that interconnects a group of Lans, connecting devices over a large geographical area compared to LANs. VPNs assist in the connectivity in WANs and increase security of the data communicated between networks.

Diagram of a computer network

Description automatically generated

Figure 3:WAN in Computer Networks Wan Diagram Complete Guide: EdrawMax (no date) Edrawsoft. Available at: https://www.edrawsoft.com/wan-diagrams.html (Accessed: 16 October 2023).

A screenshot of a computer

Description automatically generated

Figure :WAN diagram of Mr Mkhize's WAN

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