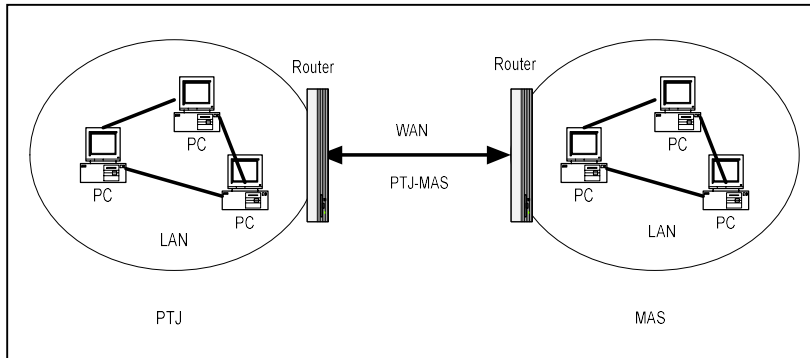


## LAN & WAN



### LAN – Local Area Network.

Network within building or at small location. In Same LAN, IP address of PC's have same Net ID.

Eg : In SA – 10.189.0.XXX, In PGT – 10.187.0.XXX. The first three values are same in all PC's at a particular location. To Differentiate Net ID part and Host ID part subnetmask is used. 255 part is net ID part, 0 – part is host ID part

**LAN Devices** – Switch, Network interface card, LAN extender, Media Convertor etc.,

### WAN – Wide Area Network

Interconnecting of two different LAN separated a large distance. Default Gateway to assigned in IP configuration of PC to connect other LAN. Normally LAN IP of Router is used.

**WAN Devices** – Router, Modem, Multiplexers

### SAN – Storage Area Network

Where Data's are stored/Retrieved

**SAN Devices** – Server, Firewall