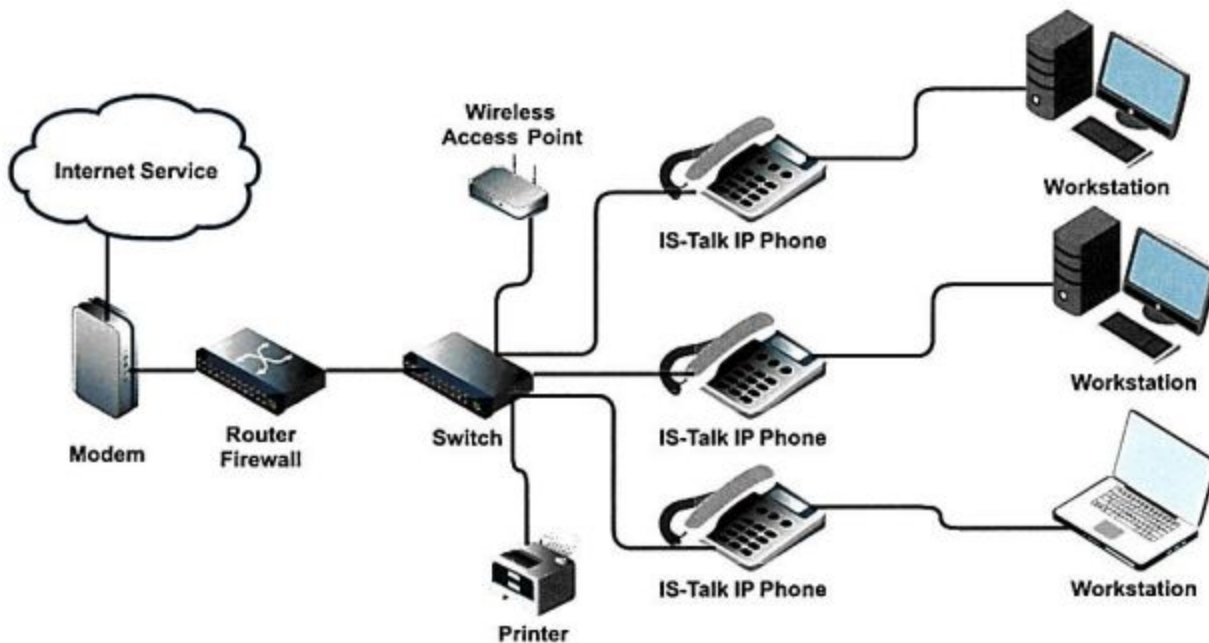




# Customer Network Requirements

IS-Talk Hosted VoIP telephones require a business-class Local Area Network (LAN) to operate properly. The minimum requirements to ensure your network is able to support VoIP are listed below. We strongly recommend engaging an IT professional to assist you with the deployment of the IS-Talk solution.

We are excited that you have chosen the IS-Talk Cloud PBX phone system for your business. This diagram illustrates the most basic required network design.



## Local Area Network (LAN) Hardware

### ISP Modem

Your Internet Service Provider will have a modem in place to provide your network access to their Internet service. We require that that modem be VoIP compliant and should allow SIP, HTTP, HTTPS and UDP traffic. The modem will need to be assigned a static IP address by the provider and the SIP ALG setting within the modem, disabled. The modem should be put in “Bridge Mode” or “Pass Through” allowing the Router/Firewall to control the IP addressing for the network.

### Router/Firewall

An IS-Talk VoIP phone is identified by your LAN as a device which requires an IP address. Routers and/or firewalls are the devices on your LAN that should distribute those addresses (NOT THE INTERNET MODEM). This is customarily accomplished via DHCP, although static IP assignment will work. If your network use a static IP address scheme then the phones will have to be assigned static IP addresses.

### Network Switch

We recommend a minimum 10/100 speed, unmanaged switch. A switch with Power over Ethernet (PoE) will allow the phones to be installed without power supplies.