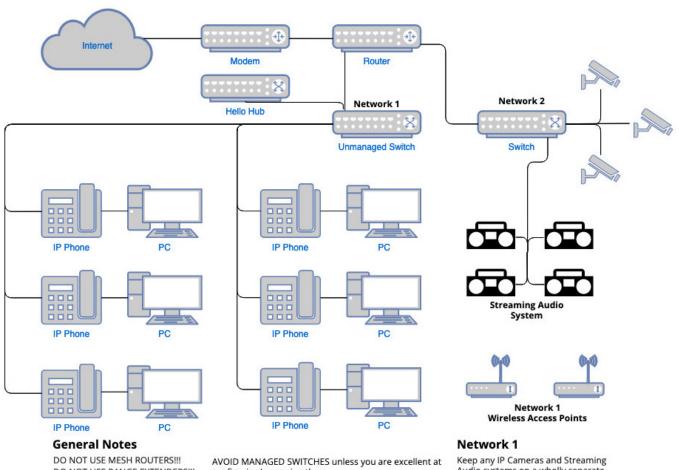# Ideal Network Setup

We know all networks are different, but if you follow the basic structure laid out in the following two examples, you should be in good shape.

Regardless of network complexity, please do observe the following rules:

1. Keep your phone system network isolated from any security camera or streaming audio systems.
2. Do not double NAT. Only one device should be DHCP'ing on your phone system network.
3. Only use UNMANAGED switches. An unmanaged MANAGED switch will NOT work!
4. Do not use MESH routers or range extenders. Only use Access Points.

Complex Networks

General Notes

DO NOT USE MESH ROUTERS!!!
DO NOT USE RANGE EXTENDERS!!!
Use traditional Access Points, instead.

AVOID MANAGED SWITCHES unless you are excellent at configuring/managing them. **Unmanaged Switches should be used if at all possible.**

Network 1

Keep any IP Cameras and Streaming Audio systems on a wholly separate network from your phone system.

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