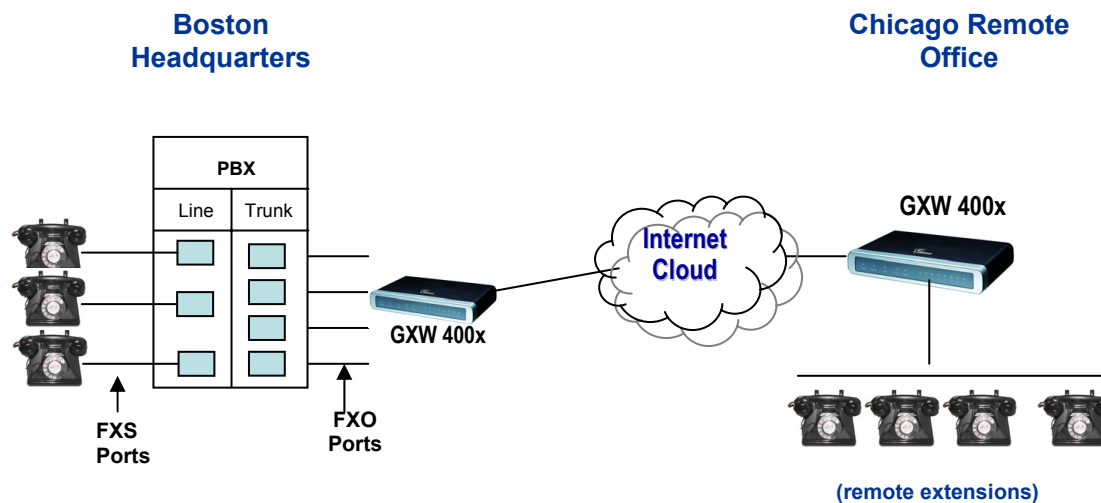# GXW FXS Series Configurations

Configure the GXW VoIP Scenario One

- Connect analog phone to existing key system/PBX (or directly to GXW400x);
- Connect key system to GXW400x
- Connect GXW400x to Internet *(via broadband connection)*
- Configure GXW400x to route calls
- **Remote office:**
    - connect GXW400x to Internet *(via broadband connection)*
    - configure GXW400x to route calls to analog phone
- Dial out-going number or extension from remote office or headquarters

Scenario One

Traditional phone system (key system/PBX) with remote analog extensions via VoIP (no PSTN network)

Boston Headquarters — PBX — Line — Trunk — GXW 400x — FXS Ports — FXO Ports — Internet Cloud — GXW 400x — **Chicago Remote Office** — (remote extensions)

- Dial Suzie's **extension** in Chicago office;
- Call routed through (key system) to GXW400x;
- Call routed over Internet;
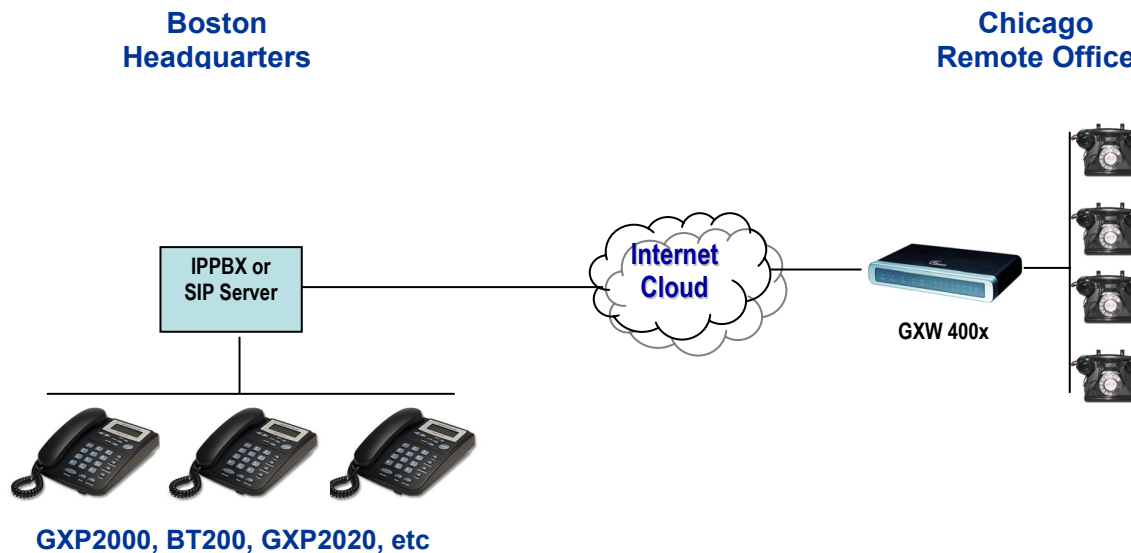- Analog phone rings;
- Suzie says "hello".

Traditional PBX/Key System: Avaya, MiTEL, Pansonic, Sony, NEC, etc.

Configure the GXW VoIP Scenario Two

- Connect IP phone to existing IPPBX or directly through a ITSP provider;
- **Remote office:**
  - connect GXW400x to Internet *(via broadband connection)*
  - configure GXW400x to route calls to analog phone
- Dial out-going number or extension from remote office or headquarters

Scenario Two

Remote office with analog phones via VoIP (no PSTN network)

**Boston
Headquarters**

**Chicago
Remote Office**

- Dial Bob in remote office;
- Call routed through IPPBX;
- IPPBX routes call over Internet;
- Call routed to GXW400x;
- Analog phone rings;
- Bob says "hello".

**Internet
Cloud**

IPPBX or
SIP Server

GXW 400x

GXP2000, BT200, GXP2020, etc