

;This part of sip.conf or iax.conf, whichever you use for external trunk

```
[general]
autokill=yes
bandwidth=low
disallow=lp10 ; Icky sound quality... Mr. Roboto.
jitterbuffer=no
forcejitterbuffer=no
externip=123.123.123.123 ; put your real external ip here
localnet=192.168.0.0/255.255.255.0 ; put your local internal network here
allowexternalinvites=no
allowguest=no

register=>username:password@url for host provider
```

```
[username]
disallow=all
allow=ulaw
context=default ; could be different
type=friend
auth=md5
host=url for host provider
canreinvite=no
qualify=yes ;useful for firewalls
secret=password for sip or iax provider
username=username for account above
```

This part of extensions.conf

```
[trunklocal]
exten => _NXXXXXXX,1,NoOp()
exten => _NXXXXXXX,n,Dial(IAX2/gwcohn/520${EXTEN})
exten => _NXXXXXXX,n,Playback(all-outgoing-lines-unavailable)
exten => _NXXXXXXX,n,Wait(2)
exten => _NXXXXXXX,n,Playback(goodbye)
exten => _NXXXXXXX,n,Hangup()
```

; gwcohn is the name of my account with teliax. They require that you dial the area code and 7 digit number so the /gwcohn/520\${EXTEN} allows you to just dial the 7 digit number and it puts 520 in front of it.

This is my long distance:

```
[trunkld]
exten => _NXXNXXXXXXXX,1,NoOp()
exten => _NXXNXXXXXXXX,n,Dial(IAX2/gwcohn/1${EXTEN})
exten => _NXXNXXXXXXXX,n,Playback(all-outgoing-lines-unavailable)
exten => _NXXNXXXXXXXX,n,Wait(2)
exten => _NXXNXXXXXXXX,n,Playback(goodbye)
exten => _NXXNXXXXXXXX,n,Hangup()
```

; It works the same except you have to enter area code + number and it puts the 1 in front of the ;
; area code.

Now in my default context for extensions.conf, I have this:

```
[default]
include => trunklocal
include => trunkld
```

; This allows any phone in this context to make an local or long distance call.

;For incoming calls, you can just point the number the provider gave you to a phone like this:

```
exten => 5202826106,1,Dial(SIP/8556,20,rt);
exten => 5202826106,n,Voicemail(8556,u) ; Voicemail (unavailable)
exten => 5202826106,n,Hangup()
```