

IP TELEPHONY FOR SMALL BUSINESSES



AYCTelecom's IPcts IP telephony system has been developed for the Small Business market as a 'stand-alone' telephone system at a price to fit the Small Business budget yet, providing the functionality required from an IP telephony system

The IPcts is a full featured telephone system providing all the functionality you would expect to receive from a telephone system costing more than twice as much. Using an IP telephony system provides ease of installation, maintenance and operation which delivers further cost savings. The IPcts can be plugged in to any existing LAN, the telephone and PC can share one cable to the desk, so no additional cabling is required.

In a wireless LAN environment the IPcts can use wireless SIP handsets to provide a mobility solution that can be used in any application sharing the existing wireless LAN Access Points with wireless PC's.

Features:

- Voicemail built in
- Music-on-Hold built in
- Auto-Deployment of Polycom phones
- Talk FREE to remote workers
- Least Cost Routing
- Web Browser Configurable
- 19" Rack, Wall or Desktop mounted
- Wireless Handsets*
- Uses analogue phone**
- Uses SIP Standard telephones
- Single Cable to the Desk (CAT5 etc)

* Needs Wireless LAN Access Points

** Needs SIP Adaptor



IPcts System & Accessories:

- **IPcts** 16 Trunks (8 of which can be Analogue or ISDN Channels) x 25 User Extensions
- **IPcts** – AT4 4 Port Analogue Trunk Line Card
- **IPcts** – DT2BRI 2 BRI ISDN Trunk Line Card (provides 4 ISDN 'B' Channels)
- **IPcts** – VoIPT SIP Phone range including an Advanced, Executive and Wireless units
- **IPcts** – VoIPG SIP external gateways for connectivity of Digital / Analogue Trunk lines or phones

IPcts Features

System Architecture

Type of System: SIP IP Telephony PBX
Operating System: Linux
Mains Supply Voltage: 110V – 240V AC
Dimensions: 380mm x 255mm x 45mm
Mounting: Desktop, Wall or 19" Rack Mountable

Telephony Functions

Hold, Transfer, Divert and Do Not Disturb
Trunk Groups, Pick-Up Groups, User Groups
Hunt Groups: Cyclical / Parallel / Sequential
Call Barring (allow & deny), Call Pick-Up
Day / Night Operation
Multi-Tenant Working

IP Telephony Features

Voicemail: 25 Ports
Multilevel Auto Attendant: Up to 50 Greetings
Call Queuing with announcements delivering ACD functionality
Music-on-Hold: 10 sources more downloadable
System Speed Dial: 1000 entries
Least Cost Routing: to Analogue, ISDN or IP Trunk lines
DDI & CLI routing and mapping (ISDN only)
VoIP using G.711 or G.729
IP Tie Trunking for multi-site networking of IPcts systems
Remote Workers: Long Line extensions over Private or Public IP networks
FREE calls between remote workers / offices and head office
Instant Messaging between CTI users

Additional Features

Operators Consol: Receptionist functionality
IPcts can be installed on to existing LAN infrastructure
Can be 'Piggy-Backed' off larger PBX's to act as departmental Call Centre set-up or as an IP Gateway to remote workers
Can be used as a 'Virtual PBX' in ISP POP for IP Centrex working
Door Entry port for connecting entry systems
Auto Deployment of Polycom IP Phones simplifies installation

Physical Interfaces

RJ45 connectors: for trunks (Analogue or ISDN)
RJ45 connectors: 1 x LAN & 1 x WAN
DB9 D-type connector: for SMDR/CLI management
RJ45 connector: Comm port for Door Entry etc.

Port Capacities

Analogue Trunks: **8**
ISDN2 Trunks: **4**
IP Trunks: **16**
Extension Capacity: **25** (SIP telephones / softphones)

Telephone Compatibility

IPcts SIP Phone Range
Standard SIP Telephone Handsets
Analogue Handsets (requires SIP adaptor)
SIP Softphones

CTI

Integrated CTI: JAVA based
CTI users: 25
Call Control from CTI GUI
CTI shows BLF & DDI information

Mobility

Wireless: Standards based 802.11
Wireless IP Handsets: Up to 25

Management and Reporting

Programming and Configuration: Via Web Browser
Remote Management via Web Browser or External Modem
SMDR call logging output

LAN infrastructure & services

Auto sensing 10/100 Base T
DHCP or Static IP Addressing
QOS on LAN & WAN ports