

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 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 an existing LAN, the telephone and PC share one cable, 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.

Features:

- Voicemail built in
- Music-on-Hold built in
- Fully SIP compliant
- Talk FREE to remote workers
- Least Cost Routing
- Web Browser Configurable
- 19", Wall or Desktop mounted
- Wireless Handsets*
- Use analogue phones with SIP adaptor
- Uses SIP standard telephones
- Single CAT5, 5e, 6 or wireless to the desk
- UK & European approvals

* - Needs Wireless LAN Access Points, can use existing if already deployed

AYCTelecom IPcts



Product Family:

- **IPcts** 8 IP Trunks x 25 extn system with CTI, Voicemail, Music-on-Hold & LCR/ARS
- **IPcts -A4** An IPcts with 1 IPcts -AT4 (4 Analogue lines)
- **IPcts -A8** An IPcts with 2 IPcts -AT4 (8 Analogue lines)
- **IPcts -D4** An IPcts with 1 IPcts -DT2BRI (2 Digital ISDN BRI lines)
- **IPcts -D8** An IPcts with 2 IPcts -DT2BRI (4 Digital ISDN BRI lines)
- **IPcts -VoIPT** System SIP phone
- **IPcts -VoIPG** SIP adaptor unit for standard analogue phone use.
- **IPcts -AT4** 4 Analogue trunk line card
- **IPcts -DT2BRI** 2 BRI ISDN trunk line card

System Architecture

Type of System: SIP IP PBX
Operating system: Linux
Mains Supply Voltage: 220-240v 50Hz
380mm x 255mm x 45mm
Desktop, Wall or 19" Rack Mountable

IP Telephony Functions

Hold, Transfer, Conference, Divert on 'Busy, No Answer or Immediate' 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: 10 ports
Multilevel Auto Attendant: Up to 50 Greetings
ACD functionality
Music on Hold: 10 sources
System Speed Dial: 1000 entries
Least Cost Routing: To Analogue, ISDN or IP Trunks
Automatic Route Selection
DDI & CLI (ISDN only)
VoIP using G.711, G.729 & G.723.1
IP Tie Trunks for networking multiple IPcts systems
Remote Workers: Long Line extensions over Private or Public IP networks
Free calls between remote workers and head office
Instant Messaging between CTI users

Additional Features

Windows Operator Console: Receptionist functionality
Can be installed on to existing LAN infrastructure
Piggy-Back off larger PBX to act as departmental Call Centre set-up
Use as Virtual PBX in ISP POP for IP Centrex working

Physical Interfaces

RJ45 connectors for trunks (analogue/ISDN)
RJ45 connectors: 1 x LAN and 1 x WAN
DB9 D-type connector for SMDR/CLI management

Port Capacities

Analogue Trunks: 8
ISDN2: 4
IP trunks: 8
Extension capacity: 25 (SIP telephones/softphones)

Telephone Compatibility

SIP Telephone
Standard SIP Telephone Handsets
Analogue Handsets (using SIP adaptor)

CTI

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

Mobility

Wireless: 802.11 standards based
Wireless IP sets: Up to 25

Management and Reporting

Programming: Web Browser configurable
Remote Management via Web browser or external modem
SMDR call logging port

LAN infrastructure & services

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



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