



*Enables you to make major cost savings on local and international telecommunications.*

### What Is VoIP?

- VoIP means 'Voice over Internet Protocol' - the technology used to transmit voice conversations over a data network using the Internet Protocol. Such data network may be the Internet or a corporate Intranet.
- An ATA (Analogue Telephone Adaptor) is fitted to phones which translates voice into digital signals which can be transmitted over the Internet or any other IP communications Medium.
- You can call from your laptop by dialing out on a softphone on the monitor, with a handset attached to one of the USB ports for speaking / listening.
- There is a fixed monthly charge instead of calls being charged individually.

- Originated in about 1995.
- PC to phone service in about 1998.
- Since 2000, VoIP usage has expanded dramatically.
- In 2003 Skype revolutionized VoIP use.
- In 2005 Skype been bought by eBay for \$2.5B.
- Now VoIP is main stream.

In 2004 there were already 6,850,000 subscribers to VoIP systems and it was expected that by 2007 80% of all enterprises would be using it to some extent.

### History & Future

### Benefits

- Significant Cost Savings - between 30% and 60%.
- High cost savings mean fast payback on initial investment.
- Communications budgeting facilitated by fixed monthly charge.

Benefits

- Communications budgeting facilitated by fixed monthly charge.
- No need to write off functioning legacy PBX, which still has a part to play.
- Unlimited functionality – absolute customization and call management – any feature is possible.
- Unlimited distance – no extra costs for international calling.
- Integration with software on PCs.
- Voice clarity – identical to PSTN (Public Service Telephone Network) at worst. Often superior.
- Uses the very latest protocols – SIP (Session Initiation Protocol) / SCTP (Stream Control Transmission Protocol).

Technical Requirements

- SIP Hand sets.
- Soft phone.
- Hand sets.
- Gateways.
- IP PBX.
- Open source Asterisk PBX.
- IAX2 or SIP Provider.
- PSTN Gateways. (Fxs/ Fxo)
- ISDN/ISDN2 gateways.
- IP Network. (Adsl/ Sdsl)
- CRM or other telephony softwares.

*Product:* Integrated VoIP

*Product Specification:* "Voice over Internet Protocol" telephone service provides the facility to make calls to all corners of the world via a Broadband connection with substantial cost savings over PSTN traditional telephony (via the Public Service Telephone network).

Unlimited functionality and customization.

Excellent voice clarity, frequently superior to PSTN calls.

Cost savings between 30% & 90% bring fast payback on initial investment.

Uses latest SIP / SCTP protocols.

*Technical Requirements:* Broadband connection 8mb min PBX, ATAs, IP Handsets, PSTN & ISDN Gateways.

*Installation & Training:* Fully installed and training given to key users nominated by the client company.

*Support:* Available to all clients 24/7.

Summary