

APPLICATION EXAMPLE

Video Solution for Teleworkers

- Phone line connections
- Legacy PBX and phone connections
- SIP trunk options
- Range of client devices
- Audio and video calls

There are 2.2 million teleworkers in the UK accounting for 7.4% of the workforce and the number of teleworkers is growing by over 10% every year.

Teleworkers were traditionally business professionals with a high demand skill set and geographically distant from the workplace but an increasing number are made up of "homeshore" call centre staff who prefer to work in the comfort of their home covering unsociable hours and times of peak demand.

Video communication is a socially inclusive way to work. A homeworker can pick up on a person's mood, and their situation.

Traditionally teleworkers used a dedicated PC card costing around £500 and an ISDN2e line costing £400 for installation and £350 per year in line rental.

Now a home broadband line is used and



VPBX-2440



VPBX-1220

PCs are powerful enough to run inexpensive videocommunication software. This makes the cost and risk associated with implementation minimal.

AuPix video PBXs use the industry standard SIP protocol meaning that they are compatible with a range of different VoIP and video phones, PC software and group videoconferencing systems.



They can also link into an existing telephone system with a SIP trunk allowing home workers with a SIP telephone, mobile or videophone to share the same telephony services that their office-based colleagues use.

The benefits of this integration include:

Number portability- Teleworkers can connect and be contacted anywhere that there is sufficient network bandwidth.

No separate business line or bill- Teleworkers can make outgoing calls through the office PBX.

High Productivity- Teleworkers can join the same hunt groups, handle incoming calls, join conference calls etc.

AuPix video PBXs offer the same innovative features of an IP telephony system for calls with or without video.

Facilities on the Video PBX include:

- Voice or optional video conference
- Voice or video mail
- Voice or video queues
- Interactive Voice and Video Response (IVvR)
- DDI, auto-attendant & music on hold.

AuPix also offers the AP-100 videophone and APS-50 softphone clients for the PBX.

Sample Configuration

The diagram below shows a single office with a video PBX. The PBX shares a connection to the Internet with the office data. Media and data from the PBX is prioritised in the office router.

Two options are provided to allow incoming and outgoing audio calls. A SIP trunk between the Video PBX and the legacy PBX [1] or a connection to the PSTN (Public Switched Telephone Network) through a SIP Voice service provider.

The SIP trunk [1] allows integration between the legacy phones and the VoIP/ Video phones.

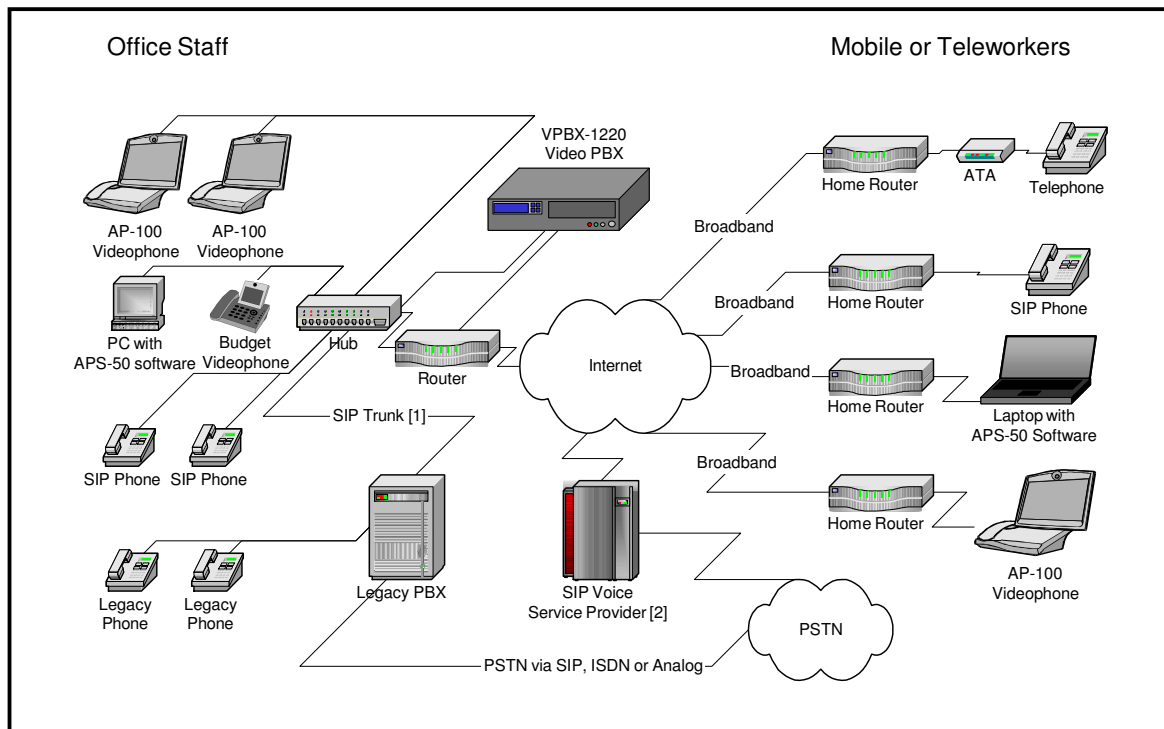
A range of client devices are shown in the diagram including:

AuPix AP-100 videophone. This requires a broadband line and a wired Ethernet connection to a home router.

SIP Phone. This requires a broadband line and a wired Ethernet connection to a home router.

Laptop with APS-50 client. This requires a broadband line and a wired or wireless Ethernet connection to a home modem/router/firewall. A headset and web cam may be additionally required.

Telephone. This is a normal telephone and it also requires an ATA to convert the analogue voice signal to VoIP for connection to the PBX.



Item	Code	Quantity
Video PBX with 2 Ethernet Interfaces	VPBX-2440E	1
AuPix Videophone	AP-100	3
AuPix Video Client Software	APS-50	2