

## APPLICATION EXAMPLE

### Video for corporate communication

- Multi-site application
- Voice calls via legacy PBX
- SIP trunk options
- Range of client devices
- Audio and video calls

Extending telephony to create a corporate video communication network promotes team working and fosters good interpersonal communication between remote staff.

Many top companies have already installed videoconferencing equipment for scheduled point-to-point meetings. Desktop videotelephony is more spontaneous and more personal.

The video enabled PBX extends the range of options allowing people to transfer calls or to conference with a group from the desktop.



As a user there are a number of desirable features. The videophone should:

1. Work as both a business telephone and a videophone.
2. Offer all the functions of a business telephone (e.g. multiple lines, call hold, forward, transfer, mute, voicemail, videomail)
3. Present a familiar telephone user interface i.e. always on, always available, dialpad, handset.



This application example provides a solution for a company with two sites, six users on each site, and an existing PBX.

A SIP trunk links the PBXs together providing communications between the legacy phones and the videophones but the trunk also provides access to outside lines for incoming and outgoing calls to the videophones.

If a single PBX is to be available in both offices it should have a private network interface to serve the videophones. The SIP trunk in the local office and a public interface to serve the videophones in the remote office.

The PBX makes a number of facilities available to the user including:

- Extension number dialling between offices.
- Access to incoming and outgoing phone lines.
- Voice or video conference rooms
- Voice or video mail
- Status checking for the extensions.
- Full call logging & reporting.

AuPix AP-100 videophones and APS-50 softphones are compatible with PBX in addition to a range of devices from other manufacturers.

## Sample Configuration

The diagram below shows two offices with a video PBX. The PBX shares a connection to the Internet with the office data. Media and data from the PBX may be prioritised in the office router.

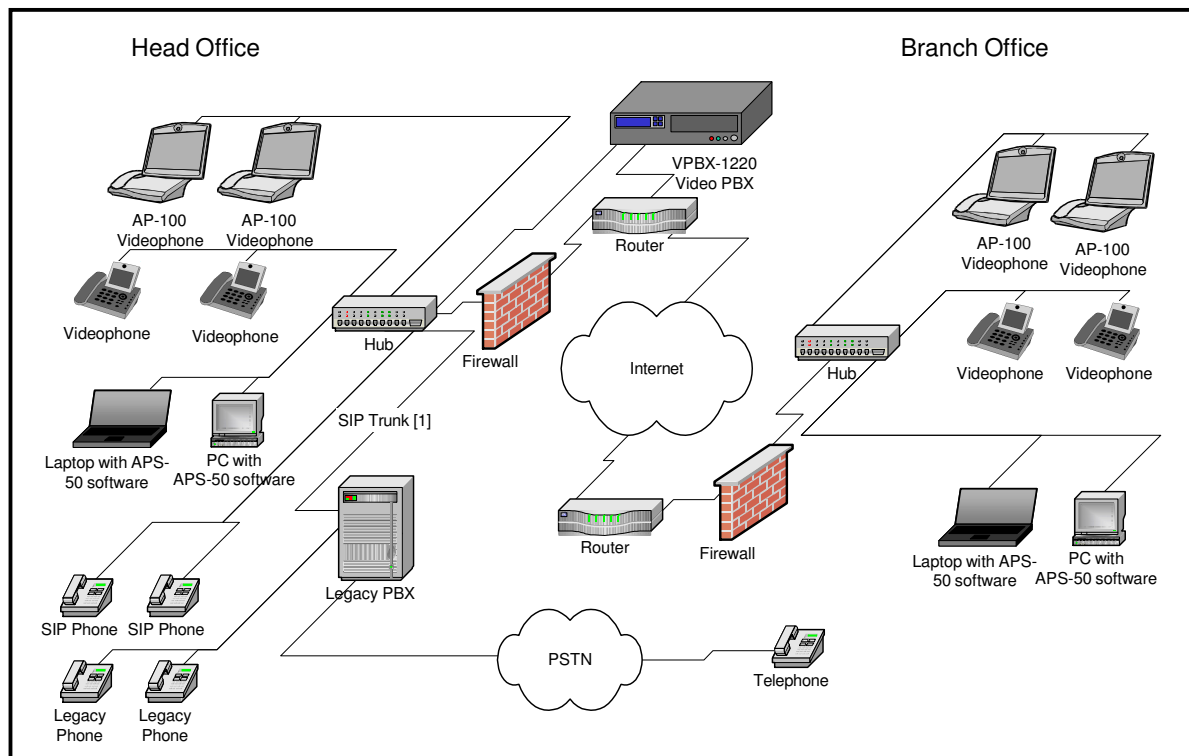
Two options are provided to allow incoming and outgoing audio calls. A SIP trunk between the Video PBX and the legacy PBX [1] This SIP trunk [1] allows integration between the legacy phones and the VoIP/ Video phones.

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

**AuPix AP-100 videophone.** This videophone has a 12" touchscreen, wideband audio, and a range of enhanced PBX controls. It requires a wired Ethernet connection.

**Laptop or PC with APS-50.** The APS-50 software makes voice or video calls. It requires a dual core PC processor, a headset and a web cam for video calls.

**SIP phone.** When new voice extensions are added, choosing a SIP phone and connecting through the video PBX provides a future-proof alternative to buying more phones for the legacy PBX.



Item	Code	Quantity
AuPix Video PBX with 2 Ethernet Interfaces	VPBX-1220E	1
AuPix Videophone	AP-100	3
AuPix PC Videophone Software	APS-50	4



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