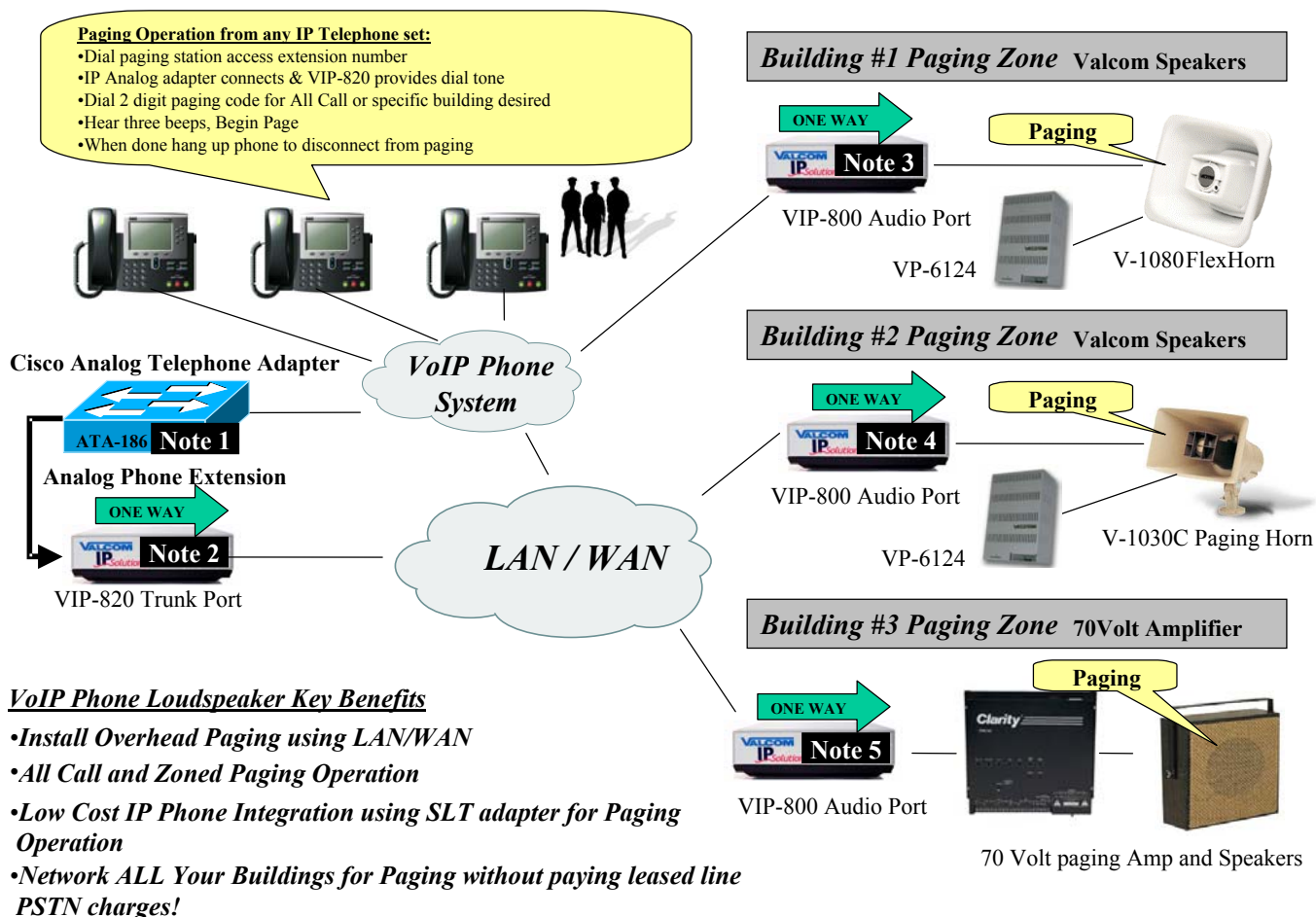


VoIP Application Brief Number: 3

- Using VIP-820 Trunk Port with Cisco ATA-186, Analog Telephone Adapter to control remote loudspeaker paging circuits
- Using VIP-800 Audio Page Port to provide paging signal audio distribution over the LAN/WAN to remote buildings/areas

Overview:

The Valcom VIP-820 is used to interface IP Based phone systems to overhead loudspeaker paging speakers. When connected to an IP Based analog station (phone) adapter, the VIP-820 provides zone paging control and audio signal routing of overhead voice pages. The audio signal is then transported over the network and received by VIP-800 audio adapter(s) located in different areas. The VIP-800 simply plugs into the nearest LAN/ WAN port in any location, providing the audio signal path to activate the local area paging loudspeakers. User can access overhead paging from any IP phone and send voice pages to individual zones, groups or facility wide ALL CALL. Valcom speakers use structured cable for easy installation.



System Design Notes:

1. Cisco ATA-186, Analog telephone adapter connected to VIP-820, providing IP telephone paging access and control.
2. VIP-820 connected Cisco ATA-186 providing IP telephone handset 1-Way paging access.
3. VIP-800 connected to a zone of V-1080 Flexhorn paging loudspeakers using VP-6124 power supply.
4. VIP-800 connected to a zone of V-1030C paging horns using VP-6124 power supply.
5. VIP-800 provides audio output and contact closure. Connection to remote amplifier may vary by manufacture and require additional components. Contact Valcom Tech Support for further assistance in determining exact requirements.

For further information on this or other system applications call us at 1-800-VALCOM1. Press 1 for Applications Support.