

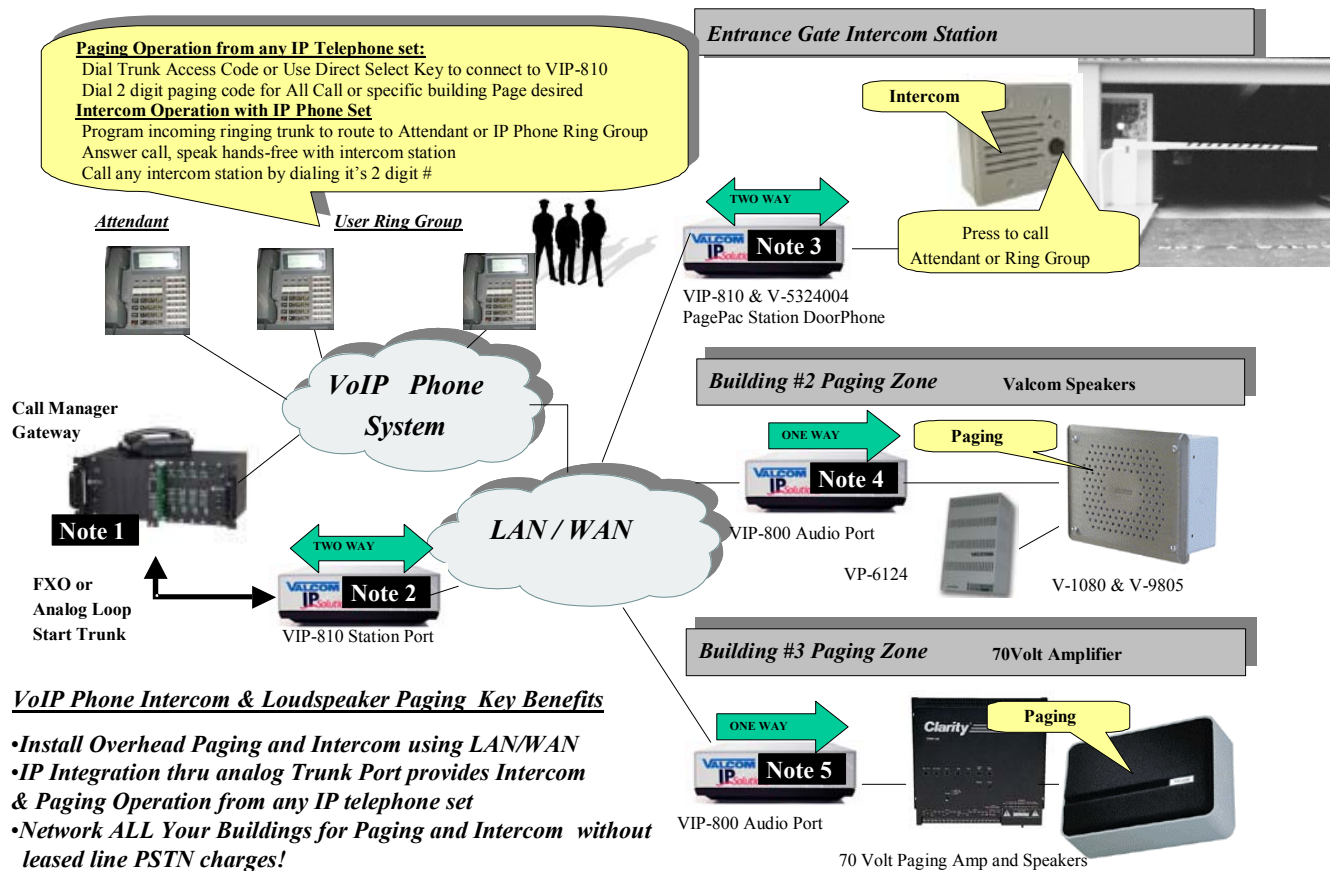
## IP Telephone Trunk Enabled Intercom & Paging System

- Using VIP-810 Station Port with IP Based FXO or Analog Loop Start Trunk to provide intercom and paging access to remote locations
- Using VIP-800 Audio Page Port to provide paging signal distribution over the LAN/WAN to remote buildings/areas
- Using VIP-810 with Intercom Call In PagePac Station DoorPhones

VoIP Application Brief Number: 4

### Overview:

The Valcom VIP-810 is used to interface IP Based phone system Trunk Ports to overhead loudspeaker paging speakers and intercom stations. When connected to an IP Based analog Trunk position, the VIP-810 provides zone paging control, intercom communications and audio signal routing of overhead voice pages. The communications signal is then transported over the network and received by other VIP-800 and VIP-810's in remote areas. Valcom VoIP adapters plug into the nearest LAN/ WAN port in any location, providing the communications path to speakers and intercom stations. User can access overhead paging from any IP phone and send voice pages to individual zones, groups or facility wide ALL CALL. Intercom station call in is facilitated through trunk programming, 2-Way communications with station is provided.



### System Design Notes:

1. Gateway FXO or Loop Start Trunk connected to VIP-810, providing IP telephone paging and intercom access.
2. VIP-810 connected to IP Gateway FXO Trunk providing IP telephone handset 1-Way paging and 2-Way Intercom.
3. VIP-810 connected to PagePac Station Doorphone providing call in to security phone and full 2-way intercom.
4. VIP-800 connected to a zone of V-1080 Flexhorn Vandal Proof paging loudspeakers 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.