Combined Security Platform

PAVA and SIP Intercom Systems Combination

ambient SYSTEM
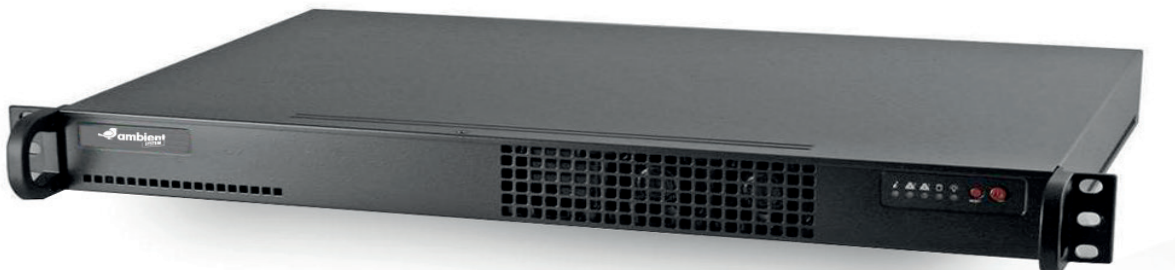
We make everyday life safer

Introduction

Being able to page over public address from a telephone handset has been a standard feature request in user requirements since the 1970's. Originally managed by terminating an analogue extension into a 600 Ohm input, the change to digital could have solved the problem just as simply with an IP connection into a VA matrix.

However, Ambient has reviewed the range of features that could be possible across the bridge between the two worlds of telephony and PAVA and has responded by developing the VES SIP Gateway.

Why SIP is more than an extra input in the Ambient System PAVA world?

» SIP provides two-way communication for better and faster reaction to events.

» SIP allows users to summon assistance precisely where it is needed.

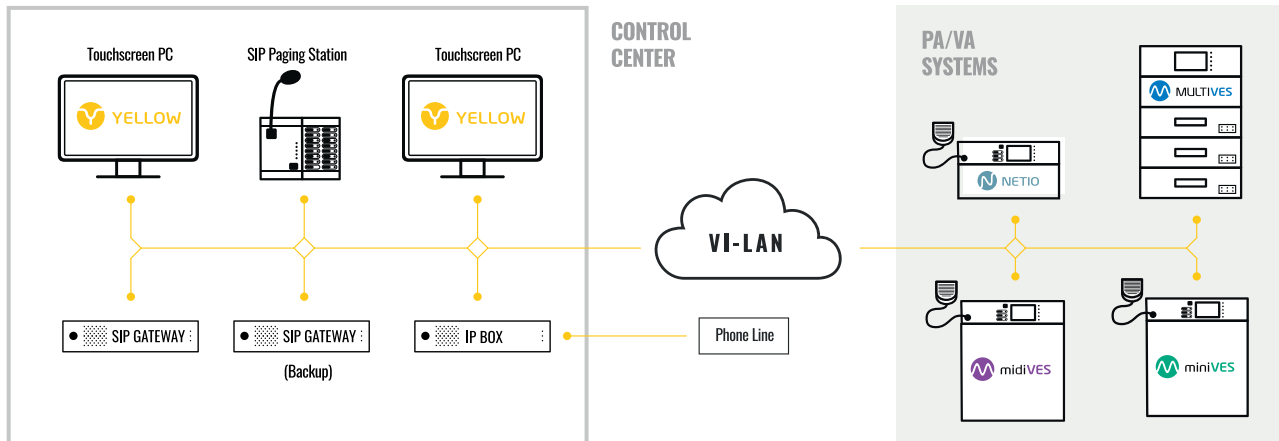» SIP allows for remote paging and paging from mobile devices.

The VES SIP GATEWAY is effectively a control server which can be configured in redundant or virtual environments, adding rich source of additional functionality and control to any Ambient System PAVA product, such as the MULTIVES, miniVES, midiVES, or the NETIO network amplifier.

If we look at the role of the Gateway on the VES side, the Gateway is a controller for the VES network. Using Ambient's SMS protocol, which is freely available to partner companies, the Gateway can drive multiple networked systems:

» routing audio to any, or all locations

» triggering stored messages

» system status visualisation (zone-by-zone)

It can also set audio levels singly or in combinations.

The Gateway provides a central storage for messages and music files, which can be broadcast across the VES network and can be triggered from SIP devices. This central repository for messages is easy to maintain and is ideal for clients with extensive messaging demands. This range of features effectively covers all of the functionality typical for large scale public address, passenger information and music distribution applications.

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