

# PCAP-12

## VIRTUAL PC ACCESS UNIT



DS-233 Issue 01

Thank you for your interest in Zitel - we are a UK based manufacturer of PAGA and Intercom products. Our systems are mainly designed for use in the Hazardous Oil, Gas and Petrochemical industries. PCAP enables the operator to use either a touch screen or conventional mouse pointer to provide PAGA zone selection. Our products are very robust and designed to comply with international standards.

Please do not hesitate to contact us for further information on our products we look forward to

### PCAP-12 VIRTUAL PC ACCESS UNIT

*Project specific screen layouts – Simple  
client driven text and graphics*

*Standard PC platform – Low cost, standard hardware*

*Multi-channel A+B execution – Can  
run dual redundant architectures*

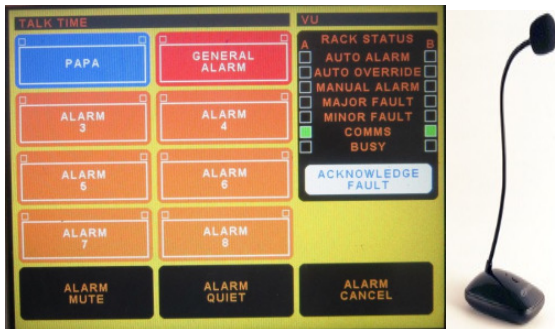
The Zitel PCAP-12 is a PC based operator access unit application designed to allow the user to address a PAGA system for the purpose of live voice paging.

The package utilises the latest technology to realise a reliable versatile HMI (human machine interface). The unit is intended for safe area application – typically control room/management positions where flexible comprehensive public address broadcast capability is essential for site safety.

The package comprises of:

- Termination unit housed in the host equipment central rack which communicates with the Zitel ZX100 PAGA switch
- PC application located at the control position
- A noise cancelling hyper cardioid microphone and goose neck stand to provide live voice access also at the control position.

PCAP-12 enables access to selectable voice paging zones to deliver either routine or emergency broadcasts, page layout is defined according to project requirements with possibility for multilingual text and bespoke graphical layouts. The application utilises a PC machine with a minimum 100M RAM, connectivity is extended to the central rack PCAP termination unit via Ethernet.



*Typical PCAP-12 GUI window with free-standing goose neck mounted desk microphone to allow live voice address.*

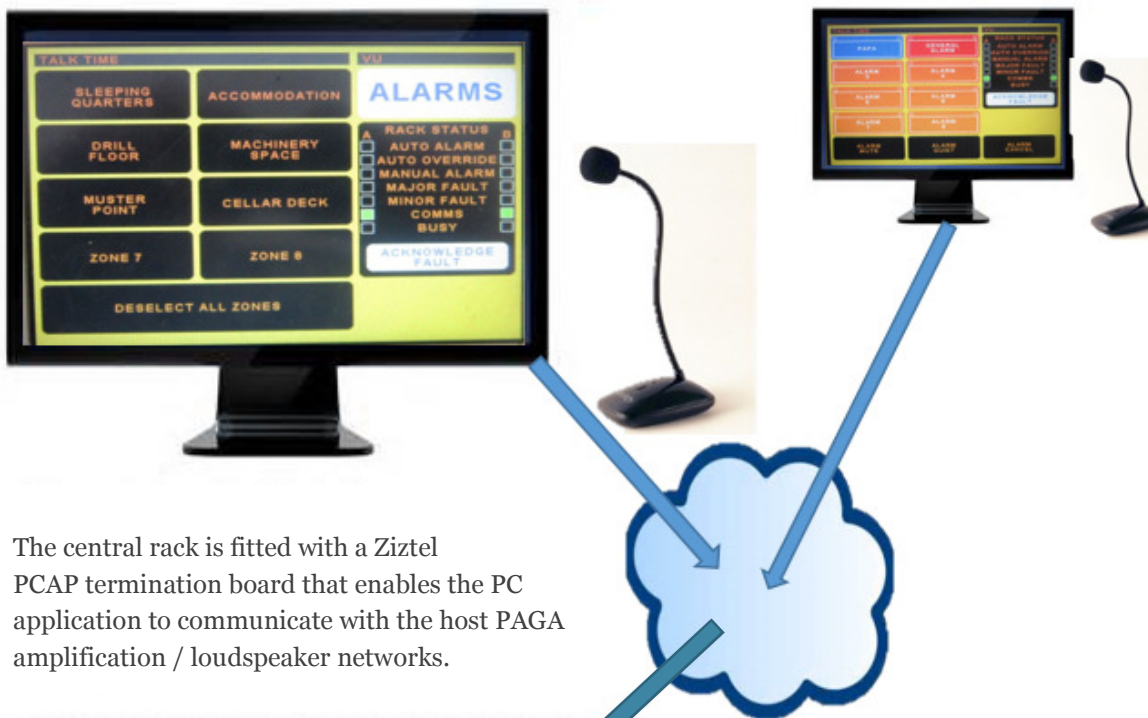
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## Technical Specification

Access Position	Typically Windows PC 2GHz, at least 100M RAM, WSXGA / UXGA screen, GMD-01 free standing dynamic microphone
Termination (at the rack)	Ethernet, supply 48V <sub>DC</sub> phantom powered from host rack. DIN rail mount.



The central rack is fitted with a Zitel PCAP termination board that enables the PC application to communicate with the host PAGA amplification / loudspeaker networks.



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