

# PCAP-12

## VIRTUAL PC ACCESS UNIT



DS-233 Issue 02

Thank you for your interest in Zitel - we are a UK based manufacturer of PAGA / MBS and Intercom products. Our systems are mainly designed for use in the Marine, Military, 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. The package is ideal for use in a modern control room environment where flexibility and ease of use are important requirements.

PCAP can be used in a wide range of system architectures from single, N + 1, A + B and A + B N + 2 configurations.

### PCAP-12 VIRTUAL PC ACCESS UNIT

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*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 for greater security*

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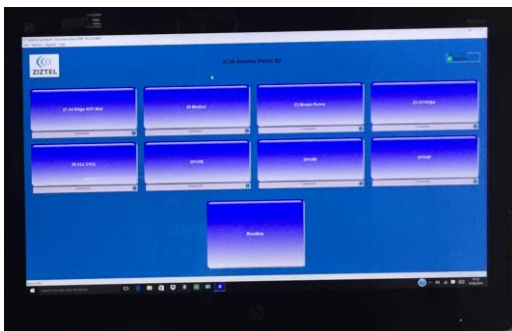
The Zitel PCAP-12 is a PC based operator access unit application designed to allow the user to address a PAGA / MBS system for the purpose of live voice paging.

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 IP / Ethernet connectivity.



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ZITTEL LIMITED

email: [sales@zitel.com](mailto:sales@zitel.com) web: [www.zitel.com](http://www.zitel.com) tel: +44 (0) 115 9202888  
mail: 96 Rolleston Drive, Arnold, Nottingham, NG5 7JP United Kingdom

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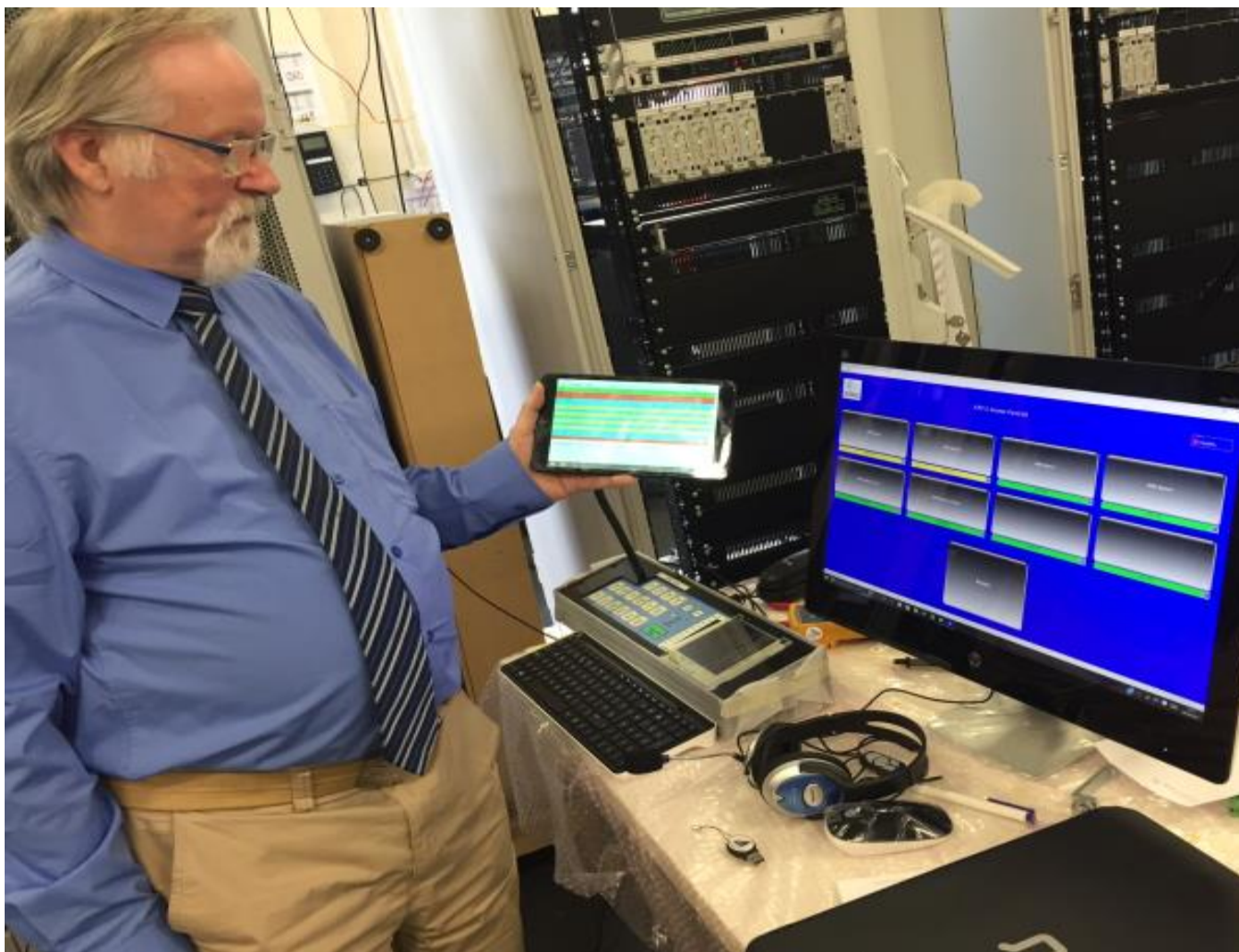


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PCAP-12 attributes are fully configurable, image above shows the engineer preparing the operational requirements for the operator touch screen access unit on a tablet PC. This is downloaded to the target system either remotely or locally as required by IP connectivity. Parameters can be altered including colour, text, layout operational features.

**B** Show online Zitel devices
— □ ×

- Second Sector
  - Zitel Touch-screen Access Pane
    - IP4 address: 192.168.1.40
    - Number of Zones
    - Access Panels
    - Friendly Name
    - Versions
    - Zone Names
- AP3
  - Zitel Touch-screen Access Pane
    - IP4 address: 192.168.1.6
    - Button Definition**
    - Friendly Name
    - Versions

Button #

1

## Paging button configuration

Use the controls at the left to set up the Names that will appear on the on-screen Paging buttons and the Zones that each will address

**Navigate** to the button you want to configure using the **Button#** control. You can click on the up and down buttons, or use the keyboard up and down cursor keys.

The **Screen Label** entry box gives a name to the button being configured. This is the name that will appear on **Touch-screen Access Panel Paging Buttons**

Each of the zones at the server's Sector Rack is shown with a checkbox. It is recommended that you have the Access Panel Server online when you perform this operation, because you will be able to see the names given to each zone beside its checkbox. If the server is offline, you will see generic names (Zone 1, Zone 2, etc)

Use the **Checkboxes** to define which **zones** the button will call.

Screen Label

Plant

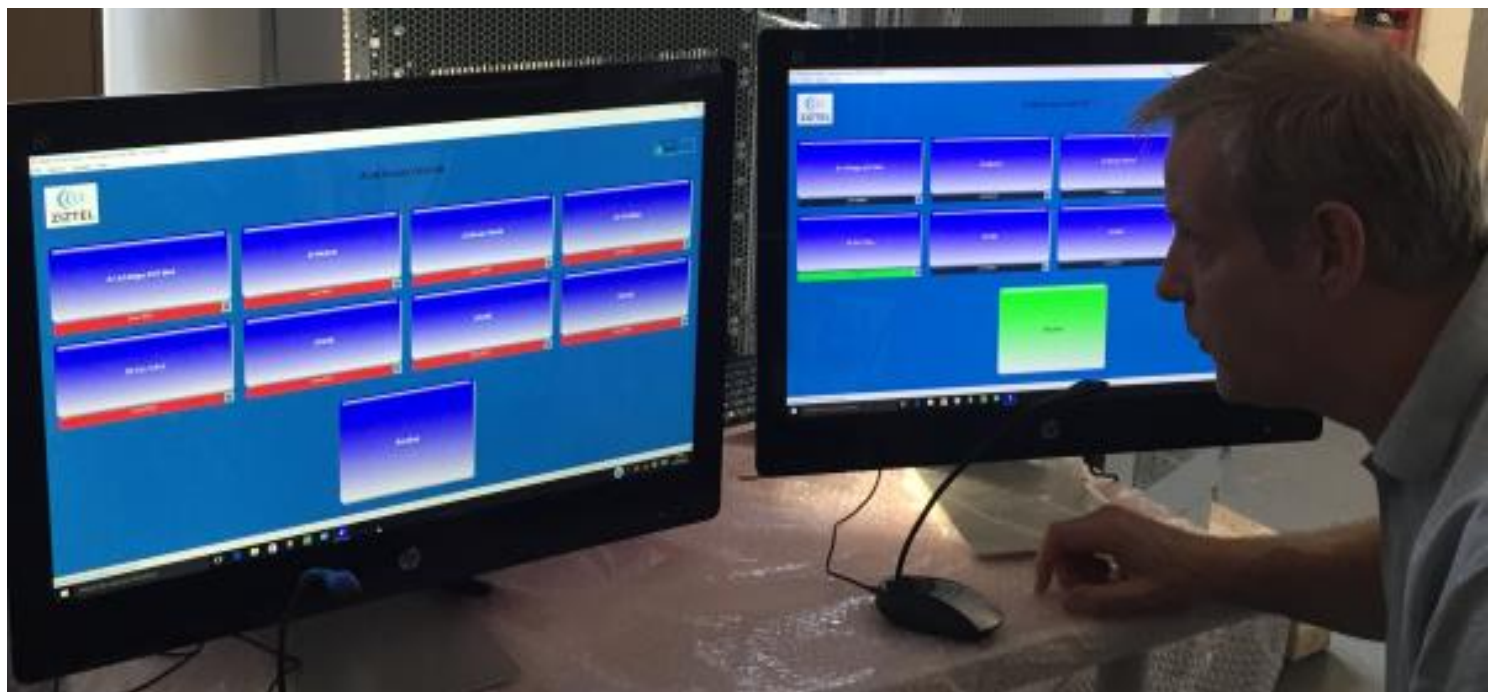
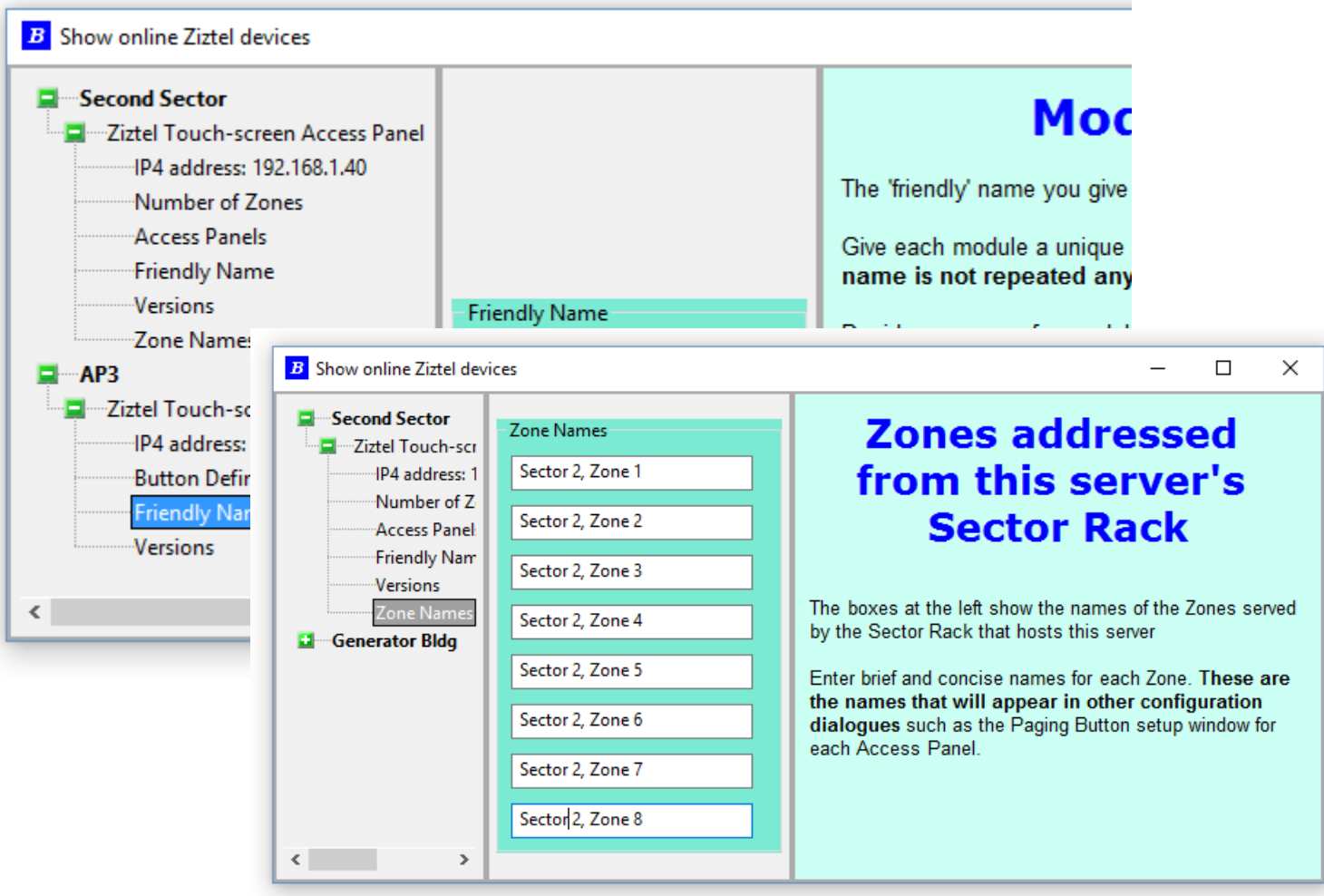
Zones to call

- Sector 2, Zone 1
- Sector 2, Zone 2
- Sector 2, Zone 3
- Sector 2, Zone 4
- Sector 2, Zone 5
- Sector 2, Zone 6
- Sector 2, Zone 7
- Sector 2, Zone 8

**ZIZTEL LIMITED**

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