

# Wired and Wireless Solutions International

## PACCS Range of Man Down and Duress Systems for Safety and Security

Since the early nineties, Wired and Wireless Solutions International has been an industry leader and innovator. We have had extensive experience in servicing the duress and telecommunications requirements of many organisations around Australia and across the world.

We look after more than 5000 wireless sites across Australia and we do similar work with small and large organisations across the Middle East.

Organisations such as Manly Hospital, Mackay Hospital, Air Services Australia (nationwide), BOC Gases, Albright and Wilson and more than 20 airports across Australia have trusted us with their ongoing duress requirements.

Wired and Wireless Solutions International is committed to ensuring that our clients receive a system that meets all their operational and budgetary requirements, along with the very best of service from our skilled engineers nation wide.

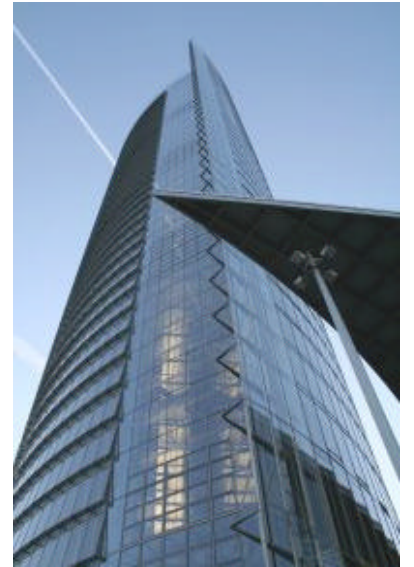
Our competitive pricing policy ensures that our clients receive the best value at the most affordable price.

The Wired and Wireless Solutions International Group offers a cohesive wireless duress safety equipment range which includes an integrated messaging and alarm platform known as PACCS and is installed in more than 10,000 sites around the world:

Our solutions offer your organisation the following: -

- On-Site - Duress
- On-Site - Duress, Man Down
- On-Site - Duress, Man Down, Voice
- On-Site - Duress, Man Down, Voice, SMS Messaging & Alarm
- Wide area - Private Network up to 10klm
- Wide area- Public Network - anywhere in GSM, satellite coverage anywhere in Australia

With PACCS it's possible to start small and add to the systems. For a consultation, please contact us on **1300 765 543**.



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## Mini-PACCS MP230 – On-Site Man Down Duress System – Local Mobility

The Mini-PACCS MP230 - On-Site Man Down Duress System provides protection for commercial, industrial or government sites of all sizes. This solution is an affordable duress alarm system providing safety and security for workers on a local site. The system is flexible so you can expand the system as your organisational requirements change and develop over time.

The system consists of a belt unit that can be used to activate the duress alarm, a base station for wireless coverage and a dialer for contacting emergency response personnel. Additional base stations and repeaters can be used to expand the system coverage.

In an emergency the user activates the alarm via the belt unit, this then sends a signal to the PACCS dialer. This will then prompt the dialer to send out an alarm message to your nominated emergency response phone numbers.

The emergency message will escalate through the nominated phone numbers until it is acknowledged. An acknowledgement message is then sent out across the network to inform other message recipients that someone is responding to the call for help.

The belt unit can also be used to make voice calls. This provides a valuable communications link between the person involved with the emergency situation and the respondent.

The ability to communicate via voice also helps to facilitate the prevention of false alarms.

The system is designed to call your central location and provide a voice message describing the location and the issue. The system can be configured with escalation of up to 5 numbers including on-site phones, off-site phones and mobile numbers.

The Mini-PACCS – MP230 - On-Site Man Down Duress System provides your organisation and its employees with peace of mind through the delivery of an affordable safety and security system.



### Standard Features System Includes:

- Ability to send duress message-- on site or to any location by telephone line (or optionally by mobile phone/SMS)
- Prevention of false alarms
- Leather pouch for duress unit
- Long battery life
- High quality fabrication
- Long lasting design
- More than 10 million units are in use around the world

### Optional Modules Can be Included:

- Ability to have a central light strobe or "siren" activated from duress unit
- Ability to access and activate an alarm panel eg 24hr monitored security panel "zone".
- Ability to have voice communication with another user(s) on-site
- Ability to send duress message optionally by mobile phone/SMS text message.
- Ability to dial and have voice call to outside telephone numbers eg to call police or security company.
- Ability to access speed dial memory for outside voice call.

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## mini-PACCS – On-Site Man Down Duress System – Local Mobility

The mini - PACCS on-site man-down unit is designed for use by guards and security officers in prisons and institutions, or by people working alone in industrial and other high-risk facilities.

Belt units, wrist-worn units and pendants can be used to activate the duress alarm.

The mini - PACCS belt unit has five types of events: *distress* – by depressing the two emergency buttons simultaneously. *Man-down / no movement* – when the wearer falls down. *Pull-cord* – when someone attempts to pull the transmitter off the wearer. *Test* – for testing the transmitter. *Tamper* – when an unauthorised person opens the transmitter.

For maximum security, the mini - PACCS uses a unique, factory programmed, randomly selected 24-bit digital alarm ID code during each transmission this code is unique and virtually impossible to accidentally reproduce. A smart anti-collision algorithm prevents signal jamming by simultaneous transmission from multiple devices.

The fully supervised repeater issues a test report on an hourly basis, indicating faults such as power failure, low battery charge and tampering.

The mini - PACCS can be integrated into any alarm system, or paging system and it supports an exceptionally wide range of detection devices.

In case an event is detected, mini - PACCS automatically issues a report to the monitoring station, simultaneously transmitting digital and voice alerts to pre-programmed private telephones, mobile phones and/or pagers. All this functionality is packed into a single wireless solution, which is as easy to deploy as it is to operate.

The mini - PACCS man-down works with either the mini – PACCS PSTN, this can be used indoors with the use with analog PSTN line, it comes with 5 emergency dial-no., pre recording of messages as per your requirements, and escalation. Or alternatively be set-up with the mini – PACCS GSM for outside or remote areas when PSTN lines are not available, it comes with 3 emergency dial-no., pre recording of messages as per your requirements, and escalation.



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# PACCS – Duress – Integrated with Voice and Text Messaging

## Duress with Voice over WiFi, Voice over DECT and Text

The PACCS platform also offers the ability to integrate with side wide PABX's and IPPBX systems to deliver high quality voice and SMS.

Examples of application of the PACCS PBX / NETcall range from personal alarm systems to handling of alarms in production lines or emergency teams at hospitals. Other advanced alarm and messaging applications where acknowledge, absent handling, data from pocket units, and alarms from external equipment are included is another example of application.

The PACCS PBX / NETcall can be programmed to take care of alarms and other events from PACCS DECT handsets or other 3rd party software. The PACCS PBX / NETcall can react on input from alarm modules, personal alarms with location information, messages, and data from handsets. Different actions can be taken for different types of input, for example send a message with request for acknowledge, activate an output in the system, and send information to an Alarm Location Client. If absent information or a positive or negative acknowledgement is sent, and the PACCS PBX / NETcall can take another action.

The input information can be processed, for example a location code can be translated to a text string. System variables that contain information on, for example, a current shift can be created in the PACCS PBX / NETcall. The value of a system variable can be altered on input from the system, for example data from a handset. An action can be delayed in the PACCS PBX / NETcall, which provides the possibility to time schedule actions on an input. The programming of the Event Handler is performed with help of a web browser.

When the PACCS PBX / NETcall receives an alarm, a chain of reactions can be started. First some information in the alarm is processed, for example the location of a fixed alarm button is translated to a descriptive text. Then the information can be put together to a message that can be sent to a pocket unit in the system. If a response has not been received with a preset time further actions can be taken.

Having a wireless PABX handset, duress, man-down, lone-worker protect and advanced text messaging all in the one handset is a very powerful option. Please contact us for more information.



## Mini – PACCS Wide Area Duress – City and Country Mobility

The Mini-PACCS – Wide Area Duress has been designed to be a compact GPS device which can be used for security and surveillance purposes. It has been specifically designed to be portable and rugged allowing it to be used in a variety of ways including surveillance, personal protection, and asset protection such as the tracking of vehicles and boats.

The unit is surprisingly small, fitting into the palm of the hand, but is still packed with useful features such as **PACCS Alert**. When the "Alert" button is pushed the device immediately sends information on the units position, direction and speed to a designated contact and establishes a one way communication channel – an invaluable feature for personal protection.

The size of the unit also makes it ideal for monitoring and surveying the position of vehicles and machinery such as cars, caravans, and boats. The unit can be discreetly hidden in a vehicle and using the "geo-fencing" function an automatic alarm transmission is activated if the vehicle moves beyond predetermined boundaries set by the user. The alarm is an SMS sent to two designated phone numbers with information about the object, its position, whether it is still moving and it's direction and speed.

Additionally the GSM functionality means it is possible to call the unit and establish a one way communication channel. The Locator can also be tracked using our **Security Service**.

Positions are delivered to the **Security Service Centre**, here they are matched against a database of street locations and names, then the descriptive location is sent to the authorised recipient(s) via SMS text message e.g.:

ALERT: "John Citizen (+61411234567) is requesting Assistance in the vicinity of Wellington Street, Colin Street, Sydney, NSW"

REQUEST: "John Citizen (+61411234567) is recorded in the vicinity of Wellington Street, Colin Street, Sydney, NSW"



**mini-PACCS QUESTIONNAIRE**



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Company Name  
[ ]

Contact name  
[ ]

Contact number  
[ ]

Contact Address  
[ ]  
[ ]

**Is the mini-PACCS for your own use?** [ ]

**Main reason of implementing the mini-PACCS system?** [ ]

**How many Duress (belt) Units are required?** [ ]

**Is the application for indoor, outdoors or both?** [ ]

**How many sites are to be covered?** [ ]

- *What is the area size that needs to be covered (for each site)?* [ ]

**Do you require location detectors:**

- *Indoor - minimum distance, e.g. every room* [ ]

- *Outdoors - minimum distance, e.g. 50m* [ ]

- *Radio or infra red* [ ]

**In which industry are the units to be used in?**

- *Office* [ ]

- *Hospital* [ ]

- *Industrial / Manufacturing* [ ]

- *Council* [ ]

- *Other - please specify* [ ]

**Special working / temperature conditions, e.g. cool room** [ ]

**mini-PACCS System options:**

- *PSTN - Fixed Line system*  
Comes std with your nominated pre-recorded voice message with escalation to 5 designated numbers [ ]

- *GSM - Wireless*  
Comes std with your nominated pre-recorded voice message with escalation to 3 designated numbers [ ]

- *Combination of both - e.g. 1x fixed & 1x GSM* [ ]

**Unit Alarm options**

- *How many simultaneous alarm(s) do you require?* [ ]

- *Man Down / No movement (Tilt switch)* [ ]

- *Duress - Panic Button* [ ]

- *Pull Cord* [ ]

- *Alarm system integration, e.g. Chubb* [ ]

- *WatchDog* [ ]

- *Vehicle Tracking unit(s)*

- *Vehicle mounted unit(s)* [ ]

- *Industrial applications, e.g. fork lifts mounted unit(s)* [ ]

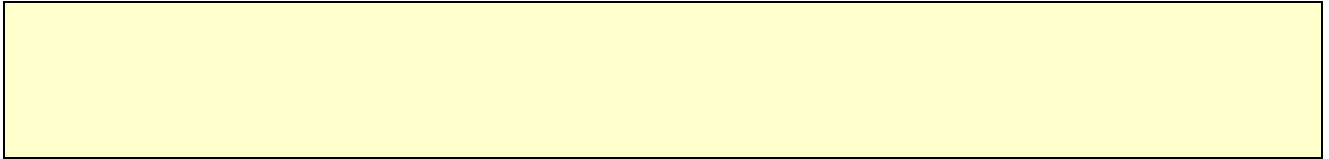
- *Test* [ ]

**Other Options:**

- *Battery backup* [ ]

- *Business Case presentation* [ ]

Other services requirements not listed above

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