



# eZone Alert System

Specialist alerting system for the healthcare industry



**eZone** is a UK designed and manufactured care alerting system unlike any other comparably priced system.

**eZone** is designed around care providers unfulfilled needs and their specific requirements to cope with current legislative demands. The increasing levels of care required by clients within the care industry demanded a fresh approach to care systems that had stagnated for many years with no real innovation or adoption of new technology.

Using RFID technology and real-time position updating, **eZone** provides everything that a conventional nurse call system does and much more. Staff and patient location, dementia and wandering alerts based on unique client profiles, fall monitoring, simplicity of installation and user training.

**eZone** also provides a choice of wired, wireless or mixed hybrid systems allowing a single system to be installed into a mixed property estate without any compromises on functionality or requiring multiple maintainers and stocks of spare parts.



**Nurse Call System**



**Access Control**



**Call Customisation**



**Dementia & Wandering**



**Fall Monitoring**



**Staff & Patient Location**

## eZone Staff & Patient Location - in Real Time

Automatic staff location, all day, all night! No buttons to press, no ID cards to present, no forgetting to log out or not logging in at all. All activity is stored and recorded for audit trail and reporting. No more manual checklists or completing forms at the end of a shift.

Patient location is also simple - a pendant transmitter sends an alert which provides the client name and current location so staff don't waste time looking for a client who is in need of assistance – anywhere on site.



## eZone Dementia & Wandering

Each resident has their own care profile and risk assessment. Alarms can be raised if they leave their room, if they leave a floor level, if they leave the building or approach an area of risk such as a kitchen or stairwell. No requirement for door contacts or bed monitor sensors. Should a confused client enter another bedroom, an immediate alert is sent to staff so they can respond accordingly. When the staff member leaves a room the system logs them out automatically and records how long they were present.

## eZone - Simplicity!

Unlimited call types all defined by you activated from a single button, unlike other systems relying on multiple buttons in assorted colours – avoiding staff confusion, requiring minimal training and ensuring fast adoption by temporary or bank staff.

Automatic call cancellation, when a staff member enters the room the alarm status changes automatically to staff present, the staff name is logged and the call is reset. No buttons to press, no confusion, it's automatic. For additional staff assistance simply activate the single call point button – **eZone** will automatically raise the call to the next level.



## eZone Fall Monitoring

Fall monitoring is built in to every portable device as standard. It's not an extra, its included.

## eZone: Wired or wireless?

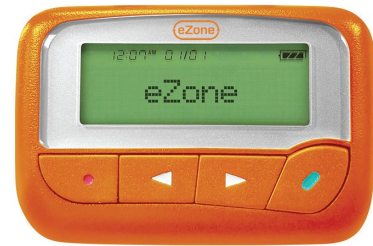
You choose! **eZone** works in both modes and devices can be switched from one to the other or mix and match in the same system. In new build situations a wired system may be preferred. When upgrading an existing wireless system, a damaged wired network or decor sensitive site a wire-free option can be installed.



# eZone display options - you decide!

## 1. Alphanumeric Pager

Easy to use alphanumeric pager with full text display and customised sound alerts for each call type. Enables busy staff to receive notifications on the move. There is no requirement for staff to attend a display and provides the option for a silent system.



## 2. Large Screen Displays

Ideal for corridors and staff bases, the large screen display provides a clear and easy to read notification of who is calling so staff know exactly where to respond.



## 3. LCD Monitor Screens

Available in a wide range of sizes to suit various locations, suitable for use in offices, nurse stations or lounges. Shows a list of active calls by priority or by time in alert. Optionally, a floor plan with room locations can be added, ideal for staff unfamiliar with the building layout.



## 4. Smart Phones and Tablets

Receive call alerts and notifications via a smart phone or tablet without having to return to a nurses station. Connects via an existing WiFi network.



## 5. DECT Phones and IP Handsets

Portable staff handsets working as a fully operational handset via the site telephone system or as an internal handset only. Features full text messaging of active calls, avoiding the requirement to carry multiple devices.



## eZone Access Control

Not only do we provide call points for doors that alert if opened but these can also act as an access control system. If the staff or client fob has the required access level the door is automatically unlocked, if not the door remains closed and secure.

Any attempts to open an unauthorised door can be flagged and sent via an alert, so staff are always aware of what is happening.

## eZone Call Event Customisation

Call Event customisation – room by room, device by device. Every client is different and has varying requirements and reasons to call. **eZone** allows customised text per room and per client fob.

What might be a bed sensor for Mary in bedroom 1 can be a pear lead handset for Joe in bedroom 2.

## eZone Accessories

**Fobs, Wandering and Fall Monitoring** - all come as standard so that removes the cost for many of the accessories required by other systems.

**Pear Lead Handsets** - when a resident needs access to the system and they are away from the call point, our easy to grip pear leads are the perfect solution. Available in two cable lengths, with clips for securing to bedsheets and clothing.

**Bed, Chair and Floor Sensors** - are all available and plug directly into the 2<sup>nd</sup> input on a call point – no need for dual adaptors, no need to remove the client handset and more importantly no need for a separate controller for a bed or chair sensor. A simple, elegant solution to an age old problem.

**Patient Fobs** – provide real time location and audit trail of client activity, which rooms have been visited, how many times did the resident call or fall, if the client is becoming more or less mobile over time or if they are interacting socially with others.

**Staff Fobs** – automated cancellation of call attendance, real time night time bed checking without the requirement to attend bedhead or remember to press buttons, automated access control to areas without the requirement for keypads, additional fobs or extra wiring.





# eZone Product Specifics

## Room Unit



Single button plus 4 independent named call levels from auxiliary inputs such as bed exit sensors, epilepsy sensors, PIR's, handsets, enuresis sensors etc.

- 2 jack socket inputs
- 2 wired inputs
- Fully text addressable

Lithium 3V cell or 12V input  
Size: L100 x W100 x D30mm

## Door Unit



- Door contact input
- Supervised and authorised bypass level (via staff fob)
- Dual-purpose door open alert only or supervised access control with locking facility via external relay
- Fully text addressable

Lithium 3V cell or 12V input  
Size: L100 x W100 x D30mm

## WLM



Monitors all pendant movement

- Fully text addressable

6 x 1.5V cell or 12V input  
Size 12v: L100 x W100 x D30mm  
Size 1.5V: L250 x W100 x D30mm

## Ceiling Pull Cord



- Wipe clean hygienic cord
- Break free under pressure – antiligature
- Dual, easy grip handles
- Fully text addressable

Lithium 3v cell or 12v input  
Size: 100 x W100 x D30mm

## Staff Pendant



- Auto Call Reset
- Auto Staff Presence
- Emergency Call
- Attack/Code Blue Alert for secure environment or at risk staff
- Man down/Fall Alert
- Location ID provides current location on all alerts
- Fully text addressable input

Lithium 3V cell

## Resident Pendant



- Call Alert
- Fall Alert
- Wandering Alert (specific boundary to each device)
- Location ID
- Wrist or neck pendant version
- Fully text addressable
- Reassurance LED

Lithium 3V cell

## Area Receiver



Passes all network traffic to PC and software

12V input  
RJ45 network connection  
Size: L250 x W100 x D30mm

## Pear Push Lead



- Large, easy to grip handset
- Reassurance LED
- Moulded jack plug improves lifespan
- Clip fastener to attach to clothing or bed sheets

Size: 2 or 4 metre cable lengths

Distributor:

