

Vivatec
Preventative Telecare

WristCare Nurse Call



*WristCare is made in Finland by IST International Security Technology Oy.
Vivatec has exclusive rights to all WristCare products in the UK.*

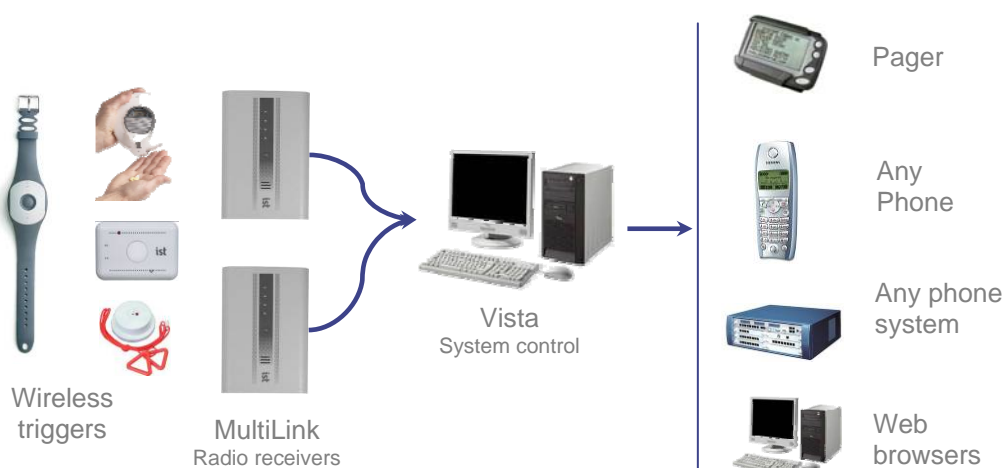
*Vivatec has been selected as a supply partner to the NHS Purchasing
and Supply Agency (NHS PASA) for Telecare products and services.*

Safety. Support. Simplicity.



WristCare Nurse Call How it Works

The WristCare Nurse Call system is a complete system to support residents and staff in ExtraCare schemes and Nursing Homes. It integrates with other building systems eg phone, access and cabling giving an elegant installation.



How it Works

1. Alarms are sent to staff on site, or remotely.
2. If alarms are not acknowledged, reminder alarms can be sent.
3. All alarms are recorded, along with subsequent actions.
4. Wellness Data is collected at the Vista control for use by local staff.

Wireless Triggers

- | | |
|-------------------|--|
| 1. WristCare | wrist worn alarm unit, with built in wellness sensor |
| 2. Pull Cords | for use in communal areas eg visitor WC |
| 3. Call Buttons | wall mounted buttons |
| 4. Flood Detector | detect water on floor, or near to overflow in bath |
| 5. Pill Dispenser | prompt and dispense meds, alarm if pills not taken |
| 6. Door Bell | integrates standard door bell into nurse call |
| 7. Smoke Detector | to notify staff of a local fire |
| 8. Enuresis | detect bed wetting |
| 9. Door contacts | detect door or cupboard open eg fire exit |

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WristCare Nurse Call Safety



Client Safety Is Critical

Traditional pendants and pull cords do not always work:

- Pendants are often left out of reach of those who need them.
- Pull Cords are often tied up to avoid misuse, which inevitably restricts their use in an emergency. Some people say that pull cords create an institutional appearance.
- The Research Institute for Consumer Affairs (RICA) found that only 60% of pendant users would be able to use it in case of emergency. This traditional form of technology is not what service users want.

Manual Alarm that people can easily use

1. WristCare is always at hand.
2. WristCare is worn in bed, protecting clients if they get up.
3. The alarm button is difficult to accidentally trigger, unlike most pendants.

Compliance Monitoring for auditable safety

1. Research shows WristCare is in use 94% of the time.
2. Automatic alarm if it is not being worn, giving providers control

Automatic Alarms to ensure safety

1. Providers know that their residents are safe.
2. Residents know that they are protected with minimal intrusion.

Improved Confidence

1. Clients
2. Families
3. Staff
4. Providers

Wandering Alarm

monitors individuals not doors: others can come and go freely.

Off Wrist Alarm

calls for help if a client removes their WristCare and forgets to replace it.

Manual Alarm

call button is always to hand day and night, even after a fall.

Activity Alert

calls for help when a resident appears to wake up and get out of bed.

Deterioration Alarm

calls for help when a resident appears unconscious, when asleep or awake.



WristCare Nurse Call Wandering Alarms



How it Helps

Care providers need to ensure that the people who would be at risk if they left the building, are in the building.

- WristCare provides an immediate wandering alarm when a vulnerable person, protected by WristCare, approaches an open door.
- All alarms are logged, providing an audit trail of service provision for clients, family and inspectors.

How it Works

1. A receiver is placed at a protected exit. It detects the presence of a vulnerable within 2 to 3 mtrs.
2. The receiver also monitors whether the door is open.
3. If the door is open *and* there is a protected person nearby, an immediate alarm is raised.
4. If a protected person leaves the radio coverage of the scheme, eg through a fire exit left open, then an automatic alarm is raised.
5. The alarm is logged for audit and risk assessment.

Why is it unique?

1. It needs the door to be open *and* a protected person to be near it to generate an alarm:
 - Can be used on communal doors without false alarms
 - Does not require manual "arming" by staff: it is active all the time
 - Can work in open spaces eg corridors as well as by doors for max safety
2. It does not restrict anybody who is not at risk if they wander, making it ethically sound.
3. The system also generates an alarm if a user leaves via an unexpected route eg a window.
4. The system generates an automatic alarm if a user takes their wrist unit off.
5. Simple door-open alarms are also available for fire exits and medicine cabinets.



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WristCare Nurse Call Wellness & Activity Monitoring



Target care resources

However diligent staff are, there is no substitute for objective measurement of wellness and activity level.

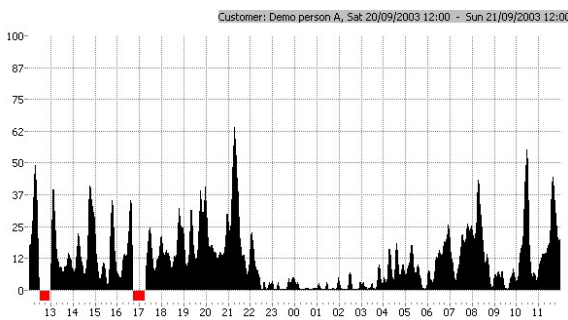
It allows providers to deliver care more:

- Efficiently, by avoiding over assessing, and
- Effectively, by helping people when they need it

The results are: greater cost efficiency, increased care capacity and improved outcomes.

What is it?

1. An optional module to improve care
2. An easy to use, objective measure of activity and wellness, generated by each WristCare.
3. Shows how active a person is during day, how well they are sleeping and how well they are overall.
4. Activity Alerts can be generated if a person is inactive or inactive at set times of day.



Improved Night Checks

By using technology to do monitoring, and staff to provide care, outcomes are improved:

- Staff can see who is awake and who is asleep on the Vista PC.
- Automatic Alarms (see Safety section) will call for help if a client appears unconscious.
- Activity Alerts can detect when a client wakes up and is at Falls or Wandering risk.
- Fewer staff can provide better care.

Improved Care

Using Wellness Data, Care teams can:

1. Incorporate an objective measure of wellness into the care planning process
2. Measure the outcomes from care
3. Improve communication with client and family
4. Give Risk Assessments an evidence base



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WristCare Nurse Call Integration with other systems



Cabling Systems

All connections with alarm triggers are wireless. Where cables are used (eg to connect the MultiLink receivers to the Vista PC), we use standard CAT5 cabling as used for your computers and phones. This means that the cabling for WristCare is one and the same as the cabling for other systems in your building.

The result is:

1. Simpler installation
2. Simpler maintenance
3. Future proof flexibility if your needs change

Phone Systems

If you are using a PABX system eg by Siemens, Panasonic, Ericsson or Alcatel, WristCare can link to it. Typical functionality includes:

1. Staff carry one single DECT handset
2. The same handset receives calls from the door entry system
3. The same handset receives text messages for WristCare alarms
4. The same handset is used to speak to clients following an alarm
5. The same handset is used to call team colleagues
6. No clutter



Computer Networks

The NetVista function on the Vista PC provides alarm information to any networked PC via a web browser. Networked PC's can be anywhere, not just in the building.



Door Bells

When the door bell is pressed, an alarm can be sent to staff via the WristCare system.



Other Sensors

Almost any other sensor can be added for either client or building including Enuresis, Epilepsy or Movement.



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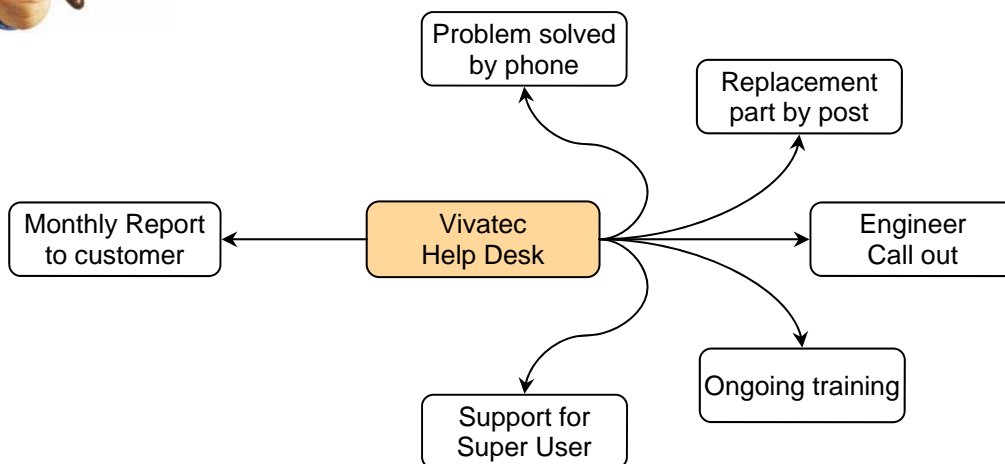
WristCare Nurse Call Installation & Support



The Support you need

Coordinated by the Vivatec Helpdesk, we provide the support you need to get the most from your system at the lowest possible cost.

This includes Super User training, User Groups with other customers and ongoing support for service development.



Installation & Training

Because the system integrates so well with the building, installation is very simple and can take as little as 1 day. Installations into occupied, existing buildings are simple because there is so little hardware to install and no need to go into individual rooms.

A phased training programme is followed to implement the system:

1. Identification of business objectives (prior to install)
2. Modes of use agreed (prior to install)
3. Basic training (week 1 of use)
4. Management / Super User training (week 1)
5. Follow up training (week 4)
6. Wellness Data training (if needed)
7. Ongoing training sessions

Our approach is one of partnership with you to achieve the benefits that WristCare brings.



WristCare Nurse Call

What next?

Call us. We will quickly identify whether WristCare can meet your requirements. Reference sites are available should you wish to see WristCare Nurse Call in use within a care setting.