

*"Karantis360 alerts us and enables us to respond rapidly when one of our clients is unwell or has an accident"*

DIANE BROWN, REGISTERED MANAGER OF CARE RESPONSE LTD

**Karantis360**  
**Transforming care**  
**through smart**  
**technology**

# Karantis360 ... helping you put the care back into caring

In this age of global family dispersion, old age can be confusing, lonely and depressing. At the same time, providing care for the elderly is increasingly time-pressured and burdened by administration... but it doesn't have to be that way.

Helen Dempster, founder of Karantis360 Ltd, has direct experience of how obtaining care for a loved one can go wrong. Communication, information and transparency were at the heart of the issues. But with today's mobile devices and constant connectivity, why are they such a problem when they should be simple and efficient? Helen decided she could create solutions which would help improve matters, and so Karantis360 Ltd was 'born'.

**Our solutions are designed and developed by carers, specifically for care service providers:**

## KarantisCare™

A stand-alone care management application for use with any mobile device, KarantisCare™ gives your carers more time to spend with clients; keeps your records fully up-to-date and CQC compliant; provides complete transparency and connects families with their loved ones... plus saves you time and money too.

**Discover more at [www.karantis360.com/karantiscare](http://www.karantis360.com/karantiscare)**

## Karantis360

Developed in partnership with IBM, Karantis360 is a totally new development in assisted living. It provides immediate and detailed exception alerts designed to help you transform your delivery of care and to help your clients to live more independently and safely in their own homes for longer, or to safely return home from hospital.

**Read on to find out how Karantis360 could transform your care giving.**







## Discover Karantis360: designed to help you deliver a better quality of care

Karantis360 is a totally new development in assisted living, designed to help you transform delivery of care for your clients including those living with Alzheimer's or dementia or those returning from hospital stays.

Whether you provide domiciliary care, residential care, sheltered housing or deliver NHS services, Karantis360 enables you to extend care from carer visits to a 24\*7 monitored service.

Using a non-intrusive system of sensors, machine learning and automatic data communication, Karantis360 flags exceptions to routines and habits, such as whether your client has got out of bed, boiled the kettle, and so on.

By analysing activity data and comparing it to expected patterns, the system identifies when your client's activity is out-of-the-ordinary and sends you an immediate alert, so you can respond quickly and effectively to any potential emergency.

*Imagine an elderly client having a fall and lying on the floor until their next scheduled visit, maybe for up to 24 hours. With Karantis360, the non-activation of sensors would alert you, enabling you to react immediately, saving a great deal of distress and potentially saving a life too.*

Harnessing the power of ultra-modern technology, Karantis360 helps you deliver an age-old human need: to live somewhere familiar, safe in the knowledge help will be there if we need it.

# Experience Karantis360: enjoy tangible service and business benefits

**Reduces your costs...** maximises prioritisation and deployment of carers; improves management processing; saves you time and money.

**Enables you to deliver a higher quality of care...** provides immediate information, plus client facts, so your carers can react quickly and appropriately, every time.

**Allows clients to stay in their own home...** promotes safe independent living, leading to happier and healthier cared-for individuals.

**Improves transparency and accountability...** keeps you, your staff and family members fully informed, addressing one of the key issues in elderly care today.

**Frees your time for caring...** reduces the admin burden, thus freeing up time for you and your staff to put the personal caring back into care provision.

**And if you're in the NHS or a provider of hospital services...** you'll be able to free-up beds earlier, with the assurance that patients can be monitored at home, reducing costs and helping you meeting waiting time and other KPIs.

Karantis360 is a solution designed to benefit everyone involved: healthcare professionals, hospitals, care providers, families and most importantly, the individuals you're caring for.







## Trust Karantis360: developed in partnership with IBM



It has been a privilege to develop Karantis360 in close collaboration with IBM and EnOcean GmbH, the global leader in battery-less activity sensors.

This partnership means the knowledge, capabilities and support underpinning Karantis360 are second-to-none:

- Karantis expertise in elderly care, personal monitoring and alert handling
- Self-powered movement, door, pressure, humidity and water sensors from the EnOcean Alliance
- EnOcean and Karantis are at the forefront of sensor development within healthcare
- Secure IBM Cloud hosting, with smart artificial intelligence technologies

They all combine to give you a system which delivers genuinely smarter care with complete confidentiality and data security... a system you, your clients and their families can rely on and trust.

# Adopting Karantis360: a simple, 4-step process

Integrating Karantis360 into your care programmes is a straight-forward process, with four simple stages:

## 1. Devising the right solution

- Our installer helps you ask the right questions and identifies the right mix of sensors for each care client and where they should be placed
- The results are reviewed and approved by your staff, so you can be sure it's the best solution for your client

## 2. Installation & set-up

- Each sensor is scanned into the system and registered to the client
- The sensors are tested to make sure data is being collected and sent
- The gateway is configured to only receive signals from sensors in the client's home

## 3. Building-up a picture of your client

- Information is gathered, transmitted and displayed to you, your carers and family members via a web dashboard
- The system continuously learns: an initial 'picture' is built-up over the first month, then used as the basis to create alerts of any abnormal situations

## 4. Review & implementation with alerting

- Once the initial set of data has been captured, it is reviewed by you and your carers
- You and your carers confirm and set each client's individual Care Alert Boundaries and actions: when to make a call, prioritise a visit or make an emergency visit
- These alerts and actions can be updated over time, to take account of changes in your clients' circumstances

You are in control at every stage of the process, because you and your staff are best placed to understand your clients' needs and wishes.

## Sensors available:



**Bed:** monitors as and when movement is registered



**Humidity & temperature:** identifies as and when there is a change



**Movement:** senses as and when movement is recognised

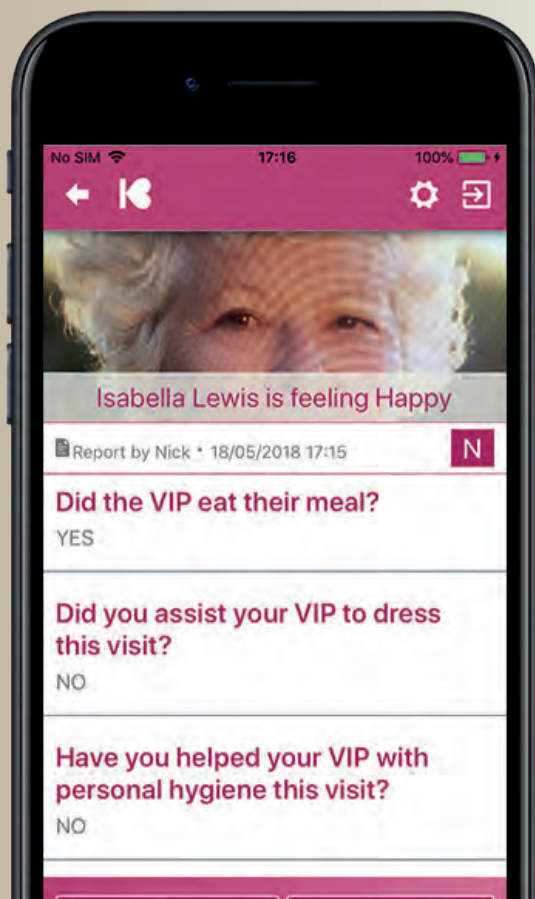
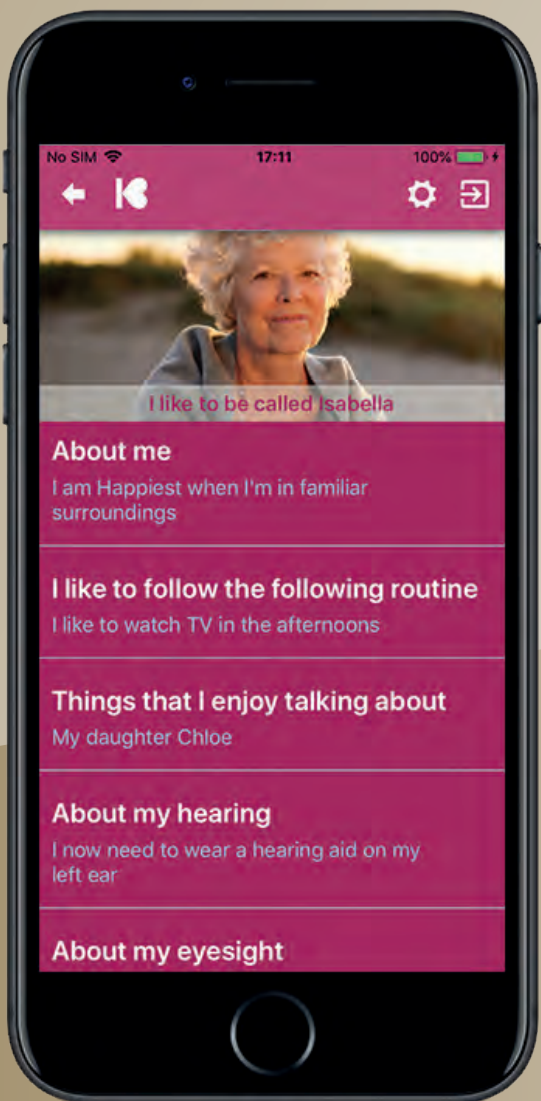
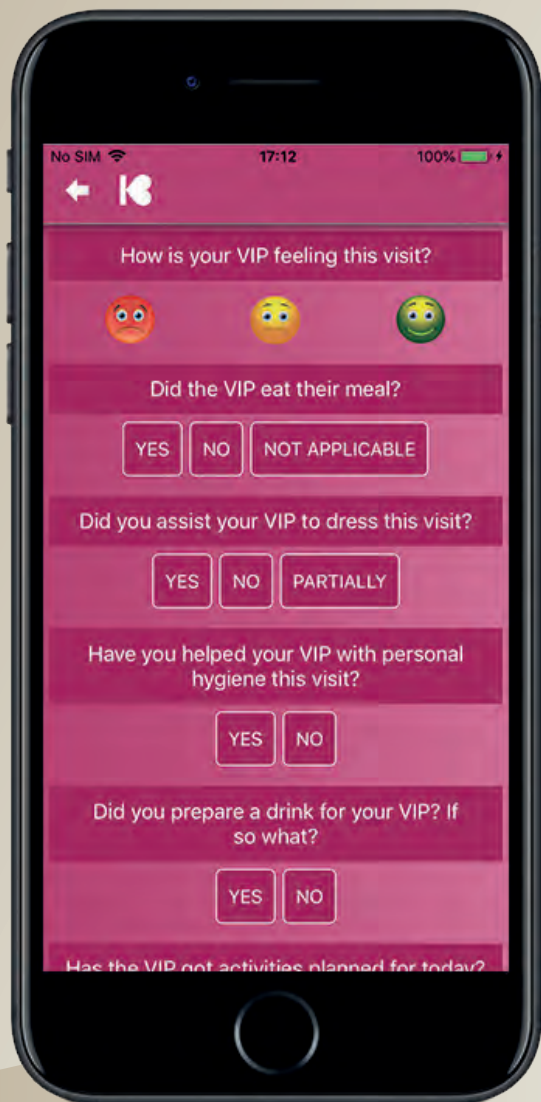
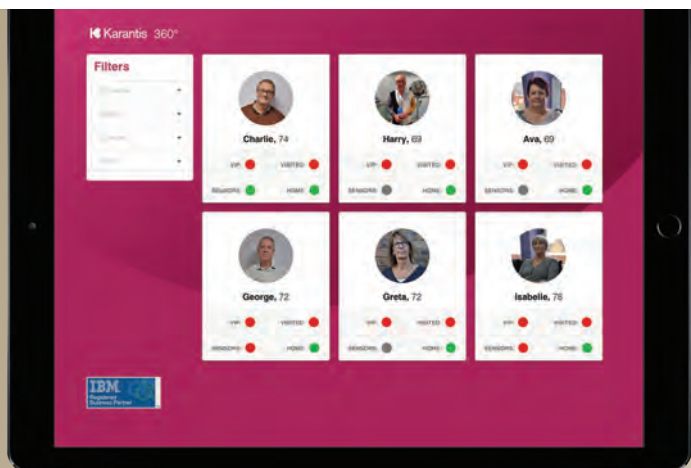


**Pressure sensor (chair):** records and reports as and when a chair is used



**Door:** records and reports when a door is used





**Karantis360... care solutions designed to give better insights, better visibility and better care.**

Using Karantis360 solutions helps you address some of the most challenging issues we face in elderly care today, dramatically strengthening your offering to potential clients and your competitive position as a business.

**To explore how Karantis360 solutions can help your organisation, simply call us for a no-obligation chat, we're always happy to help:**

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