



alcove

Pioneering Independent Living

What can Alcove do for customers with dementia and their families?

- Easy to use monitoring system
- Allows you to communicate simply via phone or video call through a simple touchscreen device – just pressing a familiar face raises a call.
- Allows you to text message or set up scheduled messages, memory prompts and reminders to be sent to an in-home device
- Any number of family members with permission can monitor their loved one in real time from any mobile device
- System is easily installed; no wiring is required; and the sensors are small and discreet; battery life of all devices can be monitored.
- Configurable to allow the natural movement of the customer and alert to any unusual behavior.
- Gives family peace of mind - can pinpoint customer's location in the house, see that they are eating or taking their medication and most importantly, know that they are at home when they should be
- The visitor card reader system can show when carers have attended as well as family members. If an expected visit is late or missed, an alert can be raised.

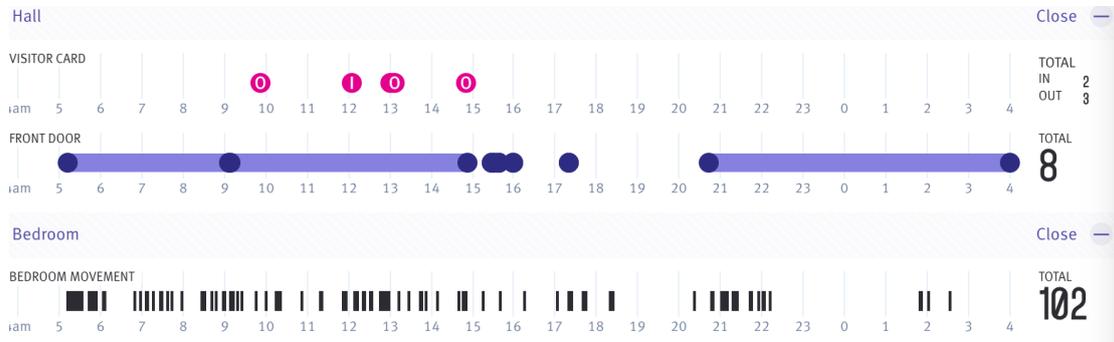
"I would be a poster girl for Alcove. I noticed mum's condition was accelerating once I could see what was going on when I wasn't there. I could check every day what was going on which was very reassuring. I saw that the care she was getting wasn't enough. It even helped me pick up things like a water infection, when I noticed frequent trips to the lavatory. I can see when she leaves her room, but it's normally the other residents that get her back as she's been here 18 years now and they all know her. Alcove just gives you a lot more visibility and a bit more confidence that things will be alright even if you're not there. I even managed a girly weekend in a different part of the country, which I probably wouldn't have done previously. Apart from a few hours of stress as I could see the staff weren't supporting mum properly, I felt more confident that I could have some time away. If I had to move mum, I would definitely pay to get it installed. It's marvelous stuff."

BATHROOM MOVEMENT



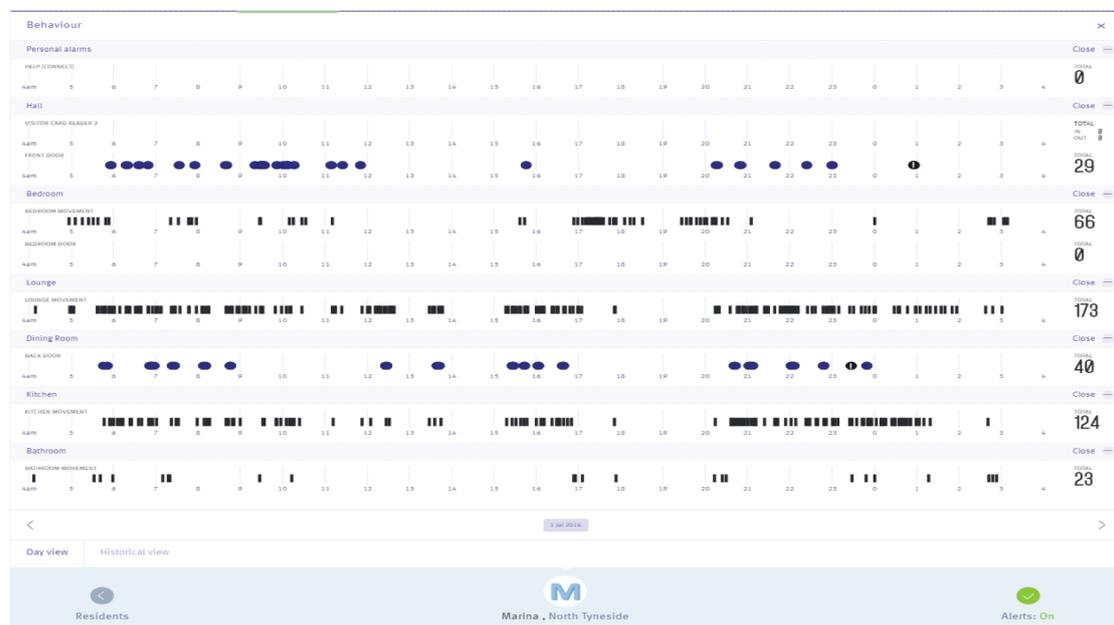
You can see from the peak in the historical data above showing frequency of bathroom visits where a Urinary Tract Infection was detected. A "Numerous Bathroom Visits" alert can warn family or care workers of an increase in frequency of bathroom usage that may be indicative of a UTI.

“Our biggest concern as a family is that she doesn’t wander off and get lost - we like to see that she is in the house at nights and this helps us to relax without actually disturbing her. Being alerted to any falls etc. because of lack of movement is also so important as if she did have a fall, she might not be able to get to the phone to get help. Can show if the client is using the bathroom a lot and highlight any health issues.”



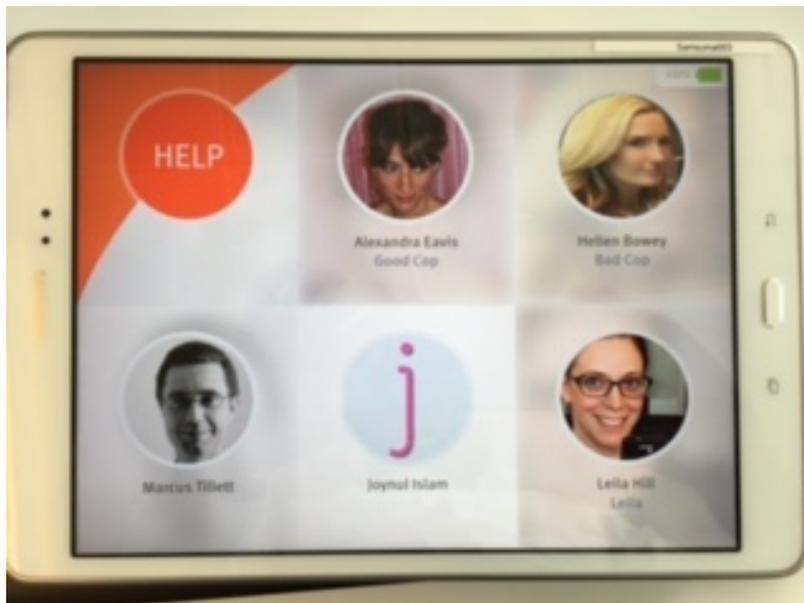
Here our customer has left her door open all night but has remained in her house. The light purple line denotes a door being left open. We can also see by the absence of any pink blobs (which denote visitors coming in and out) that the carer did not attend in the evening.

“During the short time that the system has been in place, we have been able to work with my Mum as she opens her front door very early in the morning and this can potentially disturb her neighbours. I was also able to help her during an evening when she was very confused having woken up at 10pm thinking it was 10am and going outside to wait for her pick up to the day centre - I noticed her front door was opening and closing a lot so was able to call her and reassure her it was actually night time.”



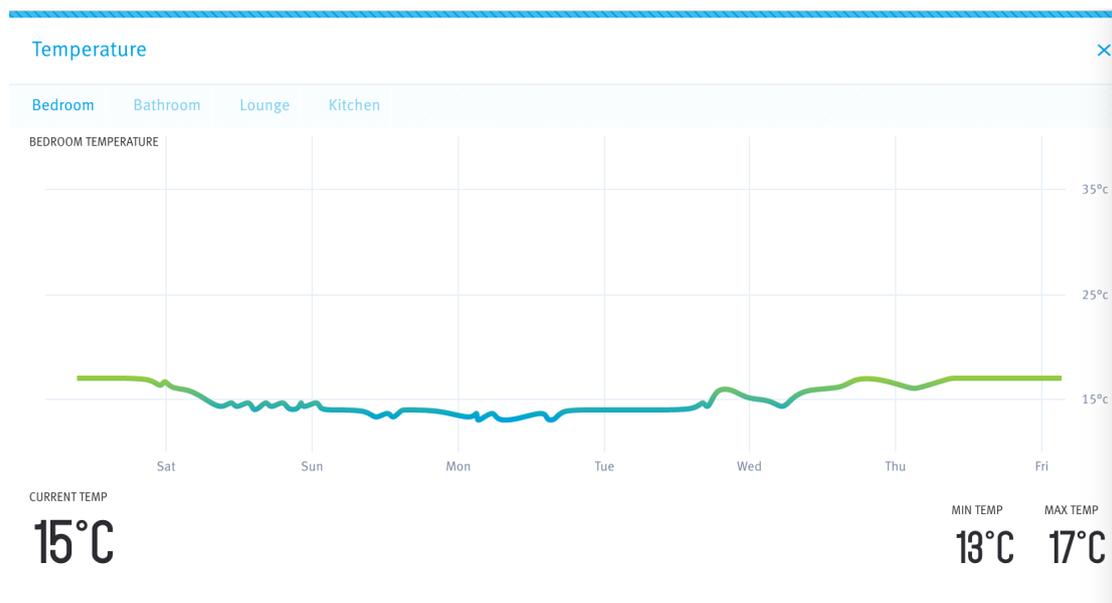
A daily behavior graph like this one shows a “Door open at night” alert being raised at 1am. It was also used to establish that the back door was being opened frequently for a “fag break” but that this was being done 60-80 times a day as the customer was forgetting that she has just smoked a cigarette. This prompted a positive behavioural intervention to try to manage smoking behaviour.

“The tablet for calls is easy to use - my Mum is a real technophobe but pressing a photo of families faces is something she is happy to do. The video calling facility is really useful, she loves seeing someone’s face and this is even better for her than just speaking to someone, it makes her feel like she has had a visitor! It is very useful for us as we can see what she is wearing (she can’t remember to put on clean clothes and frequently wears clothes for days on end - we can see this and ask her to change).”



Pressing the help button on the tablet raises an emergency call to an onsite care team or a careline monitoring centre. You can have a range of other friends, family or professional services (hairdresser, local taxi service etc.). A wearable button can be pressed or raises an emergency call automatically if you fall using its built in fall detector.

“Even the temperature monitoring is very important, last winter she couldn’t remember how to work her central heating controls and we often found the house very cold as she switched it off completely. Seeing the temperature is very useful as we can see that she isn’t too hot or too cold.”



As you can see here, temperature in the bedroom has dropped to 13degrees which is well below recommended temperate levels and is likely to impact badly on the health of the customer.