

## Spey House, Johnnie Johnson Housing, Stockport: range of technology to support people in extra care housing and similar settings

[Spey House](#) provides an age and dementia friendly, fully WiFi enabled extra care housing for people aged over 55 in Reddish, near Stockport. Managed by [Johnnie Johnson Housing](#), Spey House offers 61 one-bedroom flats, and 2 two bedroom flats. Residents have their own independent apartments, with access to a range of support services on site.

Astraline is Johnnie Johnson Housing's telecare and response service, helping to give residents at Spey House the confidence to go about their daily activities. Astraline supports more than 70,000 people across the country with what is known in the industry as technology-enabled care.

Astraline currently provides a range of smart and assistive technology at Spey House to facilitate independence:

- In-Home digital tech
- Mobile devices
- Wearable tech
- Passive sensors

### Benefits

Spey House has identified the following significant benefits to the use of these technologies:

- Prevention and intervention focus is encouraged in care, rather than exclusively reacting to events
- Reduction in the need for emergency services transport and hospital admittance
- Allows for the provision of more focused care i.e. a 24hr view of activity using some digital equipment can allow on-site care staff to focus resources where they are most needed.
- Tech is easy to use, non-intrusive, giving tenants greater digital confidence and equipping them to self-manage, and live with greater independence.
- Increasing convergence of technology with combinations of telecare monitoring and passive sensor or telecare monitoring and bio-data collection in single devices, making tech less intrusive.
- Spey House has seen a reduction in falls due to the combination of technologies used promoting safer mobility inside and outside the home.
- Telecare reduces social isolation.
- Technology doesn't need to be expensive: In some cases, Alexa and other assistive technology is intertwined with technology already in the home - a service-user version of bring your own device.
- Digital equipment is always on i.e. the device connected to broadband or via GSM will alert the Alarm Receiving Centre if it ever loses connection.
- Provides a service fit for the future and certainly beyond the end of PSTN telephone networks
- Supports our 'Save the NHS £1million'
- Digital Data Security Auditing

Any new technologies introduced and implemented within Johnnie Johnson's housing schemes are interrogated in terms of functionality, ease of use, cost, customer feedback, adaptability and to what extent it is future proofed. This is then held against their data sets to evidence whether tech is having a positive outcome on resident outcomes.

### **The Innovation Hub Virtual Visit (Hubble Project)**

The Spey House innovation hub will enable senior leaders and digital leads in other care provider organisations, as well as other key stakeholders, such as commissioners to test out the systems, and understand:

- How the technologies work and how they have benefited residents, staff and management.
- How they were introduced including: making the business case for investment; cultural change and getting buy-in from staff, residents and families; training and supporting staff; dealing with digital providers
- Lessons learned – what worked, and what did not work. What the service would do differently.
- Future plans – how the service plans to develop technology further.
- How to find out more

Managers, staff, and technology suppliers will be on hand to demonstrate technology and answer questions.

The Hubble visits will be particularly valuable to senior leaders, digital leads, housing providers and commissioners involved in social care who want to know more about using a range of smart and assistive technologies to facilitate independence.

The online sessions will run between September and December with 10 attendees per session—with a maximum of two visitors per organisation per Hubble innovation hub.

### **[Request a space for a virtual visit](#) to the Spey House Hubble**

You can find more information about Hubble on our [website](#) or by emailing [Hubble@nationalcareforum.org.uk](mailto:Hubble@nationalcareforum.org.uk).

### **The following technology is being showcased.**

[Intelesant Howz](#): Passive sensor technology. Can receive alerts for custom events such as door left open or no movement detected in a home. It is also able to determine what constitutes a normal or abnormal pattern of behaviour and notify the relevant person.

[Chiptech Go](#): Digital GPS telecare device with built-in loudspeaker phone system. It is designed to be used outside the home to call for help.

[Chiptech Eva](#): At-home digital telecare device with voice guided assistance and 'Pearl' pendant transceiver. Can be monitored via an app. The Eva base-unit can report if pendant is out of range.

[Smartwatcher Essence](#): Wearable GPS device with built-in microphone and loudspeaker. It has a geofencing and inactivity sensor.

**Note:** *There are other suppliers of similar technology. We will not pass on the details of Hubble visitors to any technology suppliers unless you request us to do this.*