

Home Sensor Systems

The Challenge



Larry has expressed a desire to live more independently, but he has a few goals and skills that require support frequently. Specifically, getting up in the morning independently, cooking safely, and remaining safe in his home are areas where Larry currently receives in-person support to be successful.

Solutions

A sensor based technology system uses an internet connected hub, speakers, and wireless sensors throughout Larry's home. A sensor in his bed knows if Larry has gotten out of bed after his alarm clock has alerted him. If Larry is not up 15 minutes after time, he receives prompts through his bedroom speaker to wake up for the day. These prompts repeat every minute for 10 minutes, and then his support team receives an alert by email, text message, or phone call to alert them that he is still in bed.



Larry has a stove sensor, a motion sensor, and speaker in his kitchen to support his cooking. If he leaves the stove on for more than an hour, or if the stove is on and he is not in the kitchen for 10 minutes, he receives a prompt to return to the stove and turn it off. If it remains on for an additional 5 minutes, his support team receives an alert.

Larry has sensors on his exterior doors and windows, a help button, and a video doorbell at his front door to support his safety while he's independent in his home. If a door or window opens at an unusual time of day, like 2 am, his support team is immediately notified. If someone comes to his door, he is alerted within the home. Instead of immediately opening the door, he opens his iPad to be sure he recognizes who is there first. His support team also receives an alert that someone is at the door and they can view who is there for additional support. Finally, he also has a wireless button, and when this is pushed his support team is immediately notified that he needs support.



Vendors

SimplyHome *
www.simply-home.com

Electronic Caregiver *
www.electroniccaregiver.com

* Vendor Participating in NM Technology Pilot

Waivers and Service Definitions

Developmental Disability Waiver (DDW)

Assistive Technology or Remote Personal Support Technology

Supports Waiver

Assistive Technology

Mi Via Waiver

Related Goods and Services

Standards and Exceptions

The use of sensor systems with or without remote support must be written to an individual's support plan using an enabling technology integration plan (ETIP). This must include backup support plans and goals for using these products and services.

If remote support is to be provided along with a sensor based system, see the Remote Support Service example, the Remote Support Staffing Requirement Standards, and the Remote Support Staff Flowchart for more information.

