

# Remote Monitoring System

*Involves the entire home and equipment is based upon the needs identified in the care plan.*

- **Cameras** - Give caregivers the ability to see common areas of the home in real-time.
- **Two-Way Communication** - Each system includes two-way audio and video communication giving the caregiver the ability to provide support, prompts or cues and reminders. This gives the individual the ability to see the face of the care provider.
- **Sensors** - Send alerts to caregivers alerting them to a change in activity or the environment. Sensors include: motion, door and window, tornado, bed & chair sensors, emergency button, smoke and CO2 detectors, room temperature, and medicine dispenser.
- High speed internet is required.



## Smart Home

### General features:

- **WINK Hub** - Allows your diverse collection of smart products to speak the same wireless "language" so that you can easily control them—and customize their interactions.
- **iPod Touch** - Operates the motion sensors. This can also be done from a Smart Phone.
- **Alexa** - A voice-activated system that operates devices that are connected to her. It also connects to outlet plugs.

## OUR MISSION

The mission of the Medina County Board of Developmental Disabilities is to promote and empower individuals with developmental disabilities to live, learn, work and socialize as citizens in the community.



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# SMART HOME

remote monitoring  
and education center

## Living Room

- **Automatic Blinds** - Controlled with a remote and operates up to 8 windows.
- **Off the Shelf Motion Sensor** - WINK alerts the caregiver to open doors or windows. It works with an iPod Touch.
- **Entertainment** - Television can be remote controlled or voice controlled. There are a variety of options for movies and books. *Electronic Snap Circuit Board* is a puzzle that promotes problem solving and fine motor skills. *Cosmo the Robot* can be useful when social interactions are challenging. He also interacts with iPads.
- **Doors** - Automatic door openers are available but have latching challenges. Facial recognition software can make entry into the home easier for those with upper extremity limitations. Cameras are available to identify visitors.



## Dining Room

- **Lights** - Voice activated and controlled by Alexa.

**Commands include:**

"Alexa, good morning."  
 "Alexa, good night."  
 "Alexa, turn on the bedroom light."  
 "Alexa, make it blue."  
 "Alexa, turn on the living room light. Make it red."  
 "Alexa, (weather, time, date, music, jokes etc.)"

## Dining Room (cont.)

- **Beverage Sensor** - Hangs on the edge of a cup and signals when the cup is full.
- **Shelving Unit** - Displays a variety of assistive technology devices and equipment:
  - *Bose noise cancelling headphones* - Block outside noises for those who have sensory issues.
  - *Adaptive mouse*
  - *Adaptive stylus*
  - *Adaptive keyboard*
  - *Communication system*
  - *Wearable technology* - Smart watches help with organization and reminders by providing supportive prompts.
  - *iPod Touch* - Provides smart technology access when connected to Wi-Fi, without the distractions of a phone.
  - *Portable speakers*

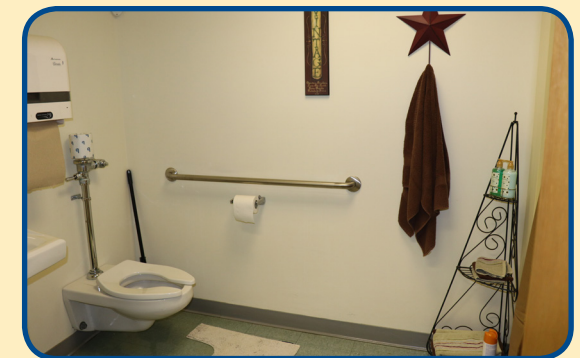
## Kitchen

- **Smart garbage can** - Opens with a touch.
- **Infrared cook top** - Cooks food with a decreased risk of burning. Cooking requires direct contact with a metal pan.
- **Talking Label Wand** - Useful for those with vision loss. Raised dots are attached to objects and the wand is programmed to speak and identify the object.
- **Smart Scale** - Assists those who are challenged to cook. The scale connects to an iPad and correlates to the recipe, breaking down each step.
- **Talking Scale** - Speaks the measured amount.
- **Touchless Faucet** (installation pending)



## Bedroom

- **Smart Lamp** - Voice activated and connects to Alexa.
- **Phillips Hue Bulb** - A light bulb that has a wide variety of colors for calming effects and sensory issues.
- **Night light** - Voice activated.
- **Shake awake alarm clock** - Vibrates, lights up, and is extra loud for those with hearing loss.
- **Talking books** - Available through the library.



## Bathroom

- **Remote Monitoring services** with sensors for safety.