Independent Living Technologies--
Products for Independence

Components Being Presented Today Include:

**Base Unit:**
- Captures data collected by the wireless sensors and sends the alerts to those on the notification list.
- Cellular or internet versions available; the internet version requires high speed internet.
- If phone notifications are going to be sent, a landline is required. No landline is needed for text/email notifications.

**Bed or Chair Pressure Pads:**
- Notify staff when someone is leaving a particular location or can be paired with other sensors to create a sequence so staff would know, for example, when someone goes to the bathroom and does or doesn’t get back in the bed within a certain time period.

**Door Sensors:**
- Often used to monitor entry/exit during day and night hours.
- Notifications can alert when there is entry/exit at certain times of day and/or days of the week.
  (For example, weekday hours may be different than weekend hours.)
- Data can be used to indicate when staff and/or residents are coming and going without having to send a notification.
- Used by some providers as a precaution to indicate when someone has left the bedroom, typically in cases of wandering, falling, or behavioral issues.
- Can be paired with motion sensors or bed pressure pads to create a proactive sequence so staff knows if someone is leaving a bedroom prior to the individual going too far.
- May also be used on cabinets, refrigerator or medicine cabinet to monitor usage.

**Water Sensor:**
- Typically used in bathrooms to send a notification if the toilet or tub overflows.

**Electric Stove Sensor (not available for gas stoves):**
- Often used by programs that have individuals who may be cooking independently.
- Sends a notification to indicate that the stove has been left on too long; can be customized for length of time and times of day.
**Independent Living Technologies--Technology for Individualization**

**Additional Components Include:**

**Motion Sensor:**  
- Used to capture motion in various areas of residence to give staff an idea of typical routines and activities; can also be paired with other sensors to send notifications.

**Door Beam:**  
- Notifies when someone is entering/exiting a door.  
- A substitution for a door sensor and would typically be used when a door is not opened/closed as a part of entry/exit.

**Environmental Controls:**  
- Includes a tablet or iPad with various sensors that can assist in controlling items that can be automated in the environment.  
- Typical items for automation: lamps, thermostat, AV equipment (tv, DVD player, etc.), doors.  
- The icons on the tablet or iPad may be customized to a larger size for easier access.  
- Can integrate the use of switches, stylus or voice activation for access.

**Gate Sensor:**  
- Notifies if someone leaves a gate around the yard.

**Incontinence Sensor:**  
- Detects wetness through a pad placed in the bed or chair.  
- Allows people to sleep soundly without needing to be checked unnecessarily.

**No Button Headset:**  
- Works in tandem with tablet, iPad, or cell phone to activate equipment should someone not have the use of his/her hands.

**RFID Tag:**  
- Worn as a watch or pendant, this product is read by a sensor near a door or particular area so it only notifies when that particular person enters/exits. For example, if only one person in the group residence elopes, the door opening would only send a notification if that particular person is wearing the pendant and approaches the door.

**Temperature Sensor:**  
- Indicates when the home has exceeded or dropped below a specified temperature.

**Panic Pendants for Individuals:**  
- Provides a quick way to ask for help or indicate an emergency without having to use a phone.

**Panic Pendants for Staff:**  
- Often used for staff to activate when they are responding to a sensor or making rounds, then to deactivate when they arrive at the location. For example, if an individual pushes his panic pendant to request help, the staff person would push her panic pendant when she receives the alert text then push it again when she gets to the residence/individual.  
- Also can be used for staff to request help if there is a behavioral issue or emergency they cannot handle alone.

**Window Sensor:**  
- Typically used to notify if someone exits through windows.

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