

North Dakota



ASSISTIVE

ASSISTIVE TECHNOLOGY

There Is No Impossible

Smart Home Basics

Presented by:

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September 7, 2022

North Dakota Assistive · www.ndassistive.org · 800-895-4728

Objectives

1. Describe what a smart home is.
2. Describe the basic components of a smart home.
3. Describe how smart homes can foster safety and independence.

What is a smart home?

A home with environmental controls and devices that are connected to the internet that can be automated and remotely controlled.



The Foundation of a Successful Smart Home

- ▶ Strong Wi-Fi network
- ▶ Smartphone or tablet for set up and maintenance
- ▶ Some devices require a smart hub to work
- ▶ **Point Person – Someone who will be responsible for regularly checking that things are working, installing updates, troubleshooting, replacing batteries, etc.**

Smart Home Base Station

Amazon Alexa



Google Nest Hub Max



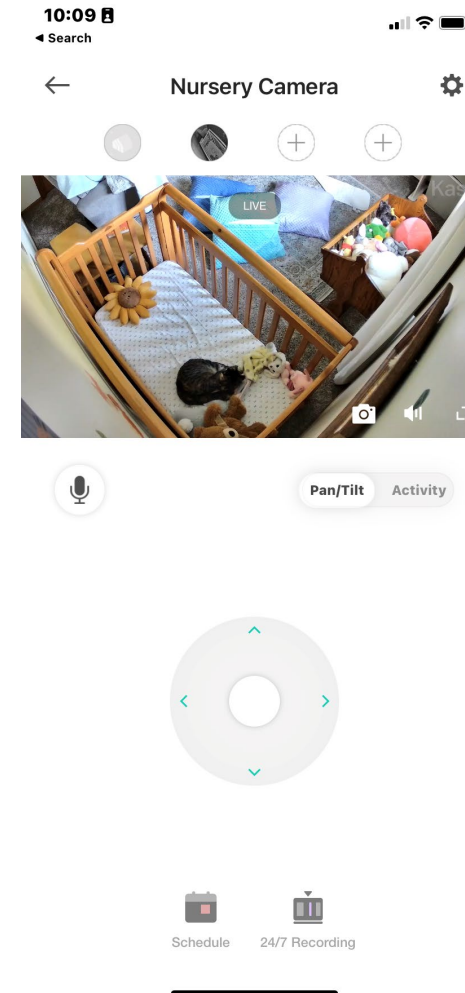
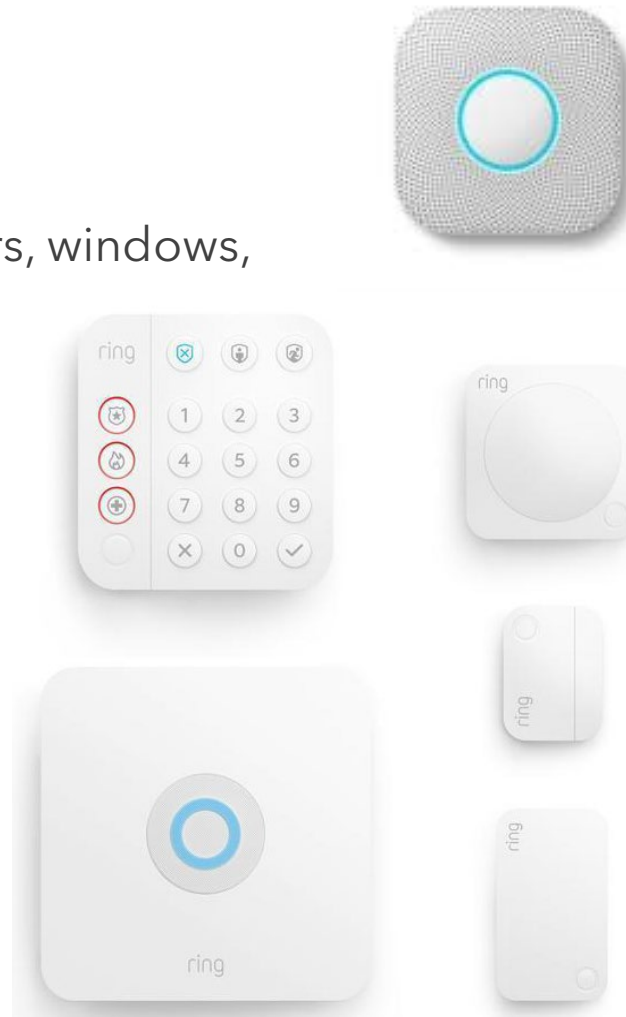
Smart Environmental Controls

- ▶ Lights – lightbulbs, overhead lights, colorful light strips, Christmas lights
- ▶ Fans – ceiling or portable
- ▶ Plugs
- ▶ Thermostats
- ▶ Video doorbells
- ▶ Locks
- ▶ Doors
- ▶ Garage doors
- ▶ Window coverings – shades/blinds
- ▶ Almost anything with an on/off switch that plugs in



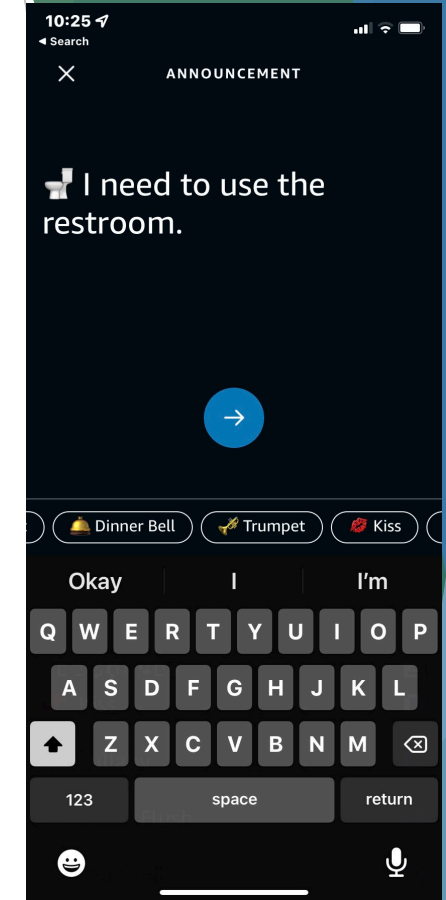
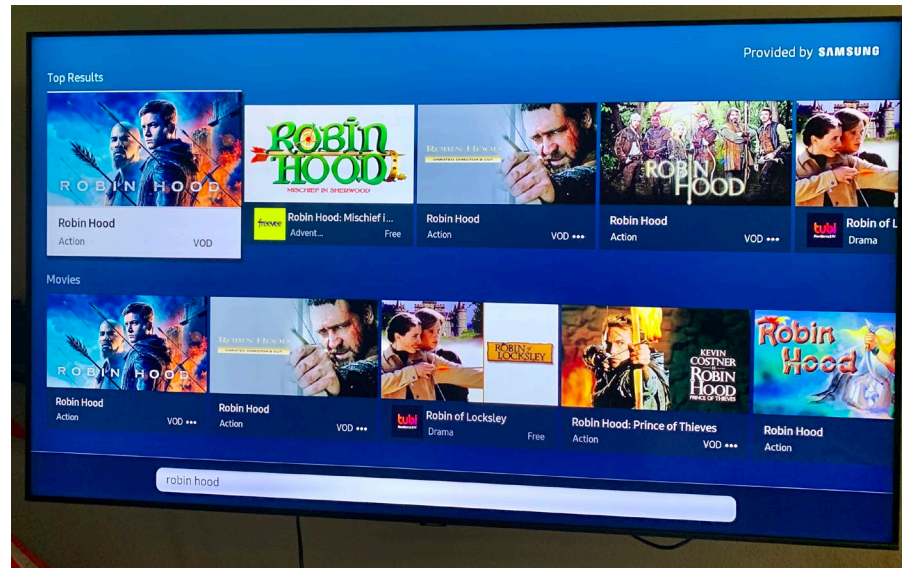
Keeping Safe with Remote Monitoring

- ▶ Cameras
- ▶ Contact sensors for doors, windows, cupboards, etc.
- ▶ Motion sensors
- ▶ Smoke/fire alarms
- ▶ Water sensors
- ▶ Temperature sensors



Connection & Entertainment

- ▶ Voice and video calling
- ▶ Check in using [Drop In](#)
- ▶ Make an Announcement to a family member or care provider
- ▶ TVs and DVD players
- ▶ Soundbars
- ▶ Music, podcasts, & audiobooks
- ▶ Read eBooks on the big screen
- ▶ Gaming systems
- ▶ Sensory devices



Independence with Cooking, Cleaning, and Pet Care

- ▶ Faucets
- ▶ Appliances
 - ▶ Microwave
 - ▶ Stove
 - ▶ Fridge
 - ▶ Coffee pot
 - ▶ Small appliances: air fryer, toaster, Instant Pot, rice cooker, etc.
- ▶ Robotic vacuums & mops
- ▶ Pet food dispensers

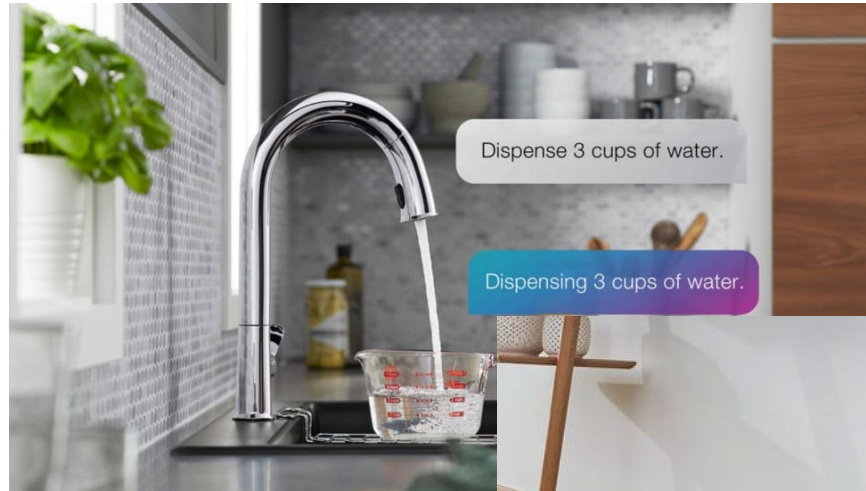


Image: Reviewed.com



How can a smart home be controlled?

- ▶ Voice commands
 - ▶ AAC device
- ▶ Using an app on a smartphone or tablet
 - ▶ Touchscreen – finger or stylus
 - ▶ Using a mouse
 - ▶ Switch access
 - ▶ Eye gaze
- ▶ Smart buttons
- ▶ Routines and shortcuts



Flic smart buttons

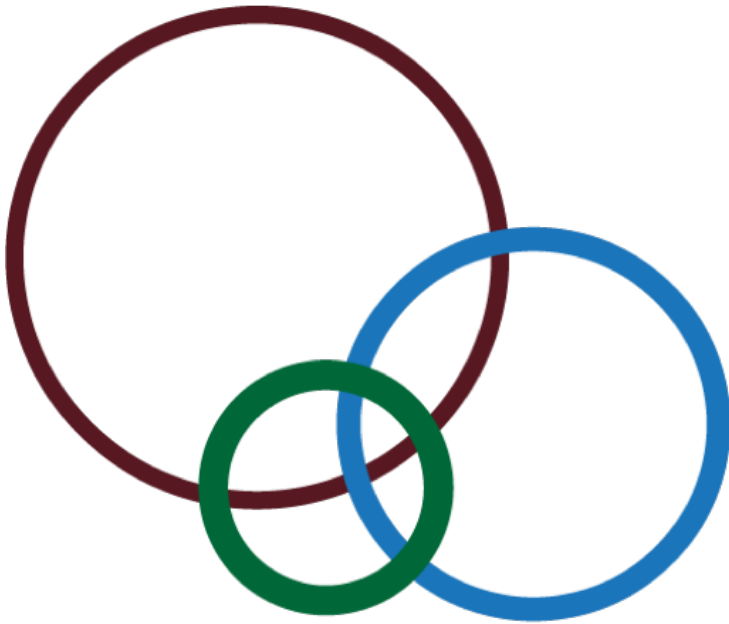
Explore Smart Home Devices with ND Assistive

- ▶ Our demonstration centers are SMART! Visit us in Bismarck or Fargo for an immersive experience.
- ▶ Call us at 800-895-4728 to schedule a free in-person or virtual [demonstration](#) of smart home devices.
- ▶ ND Assistive offers free 6-week loans of AT devices to ND and MN residents through our [Short-Term Equipment Trial Program](#) so you can try before you buy!
 - ▶ Alexa and Google smart home kits are available to try
 - ▶ Try individual smart devices, such as the Amazon Fire TV Cube

Contact Us

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North Dakota Assistive

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