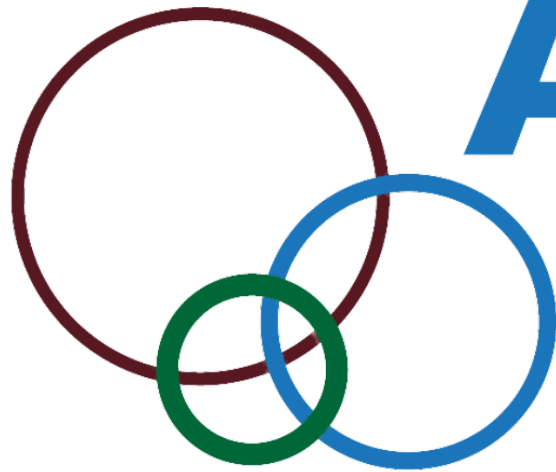


North Dakota

ASSISTIVE

ASSISTIVE **T**ECHNOLOGY

There Is No Impossible



AT for Remote Monitoring

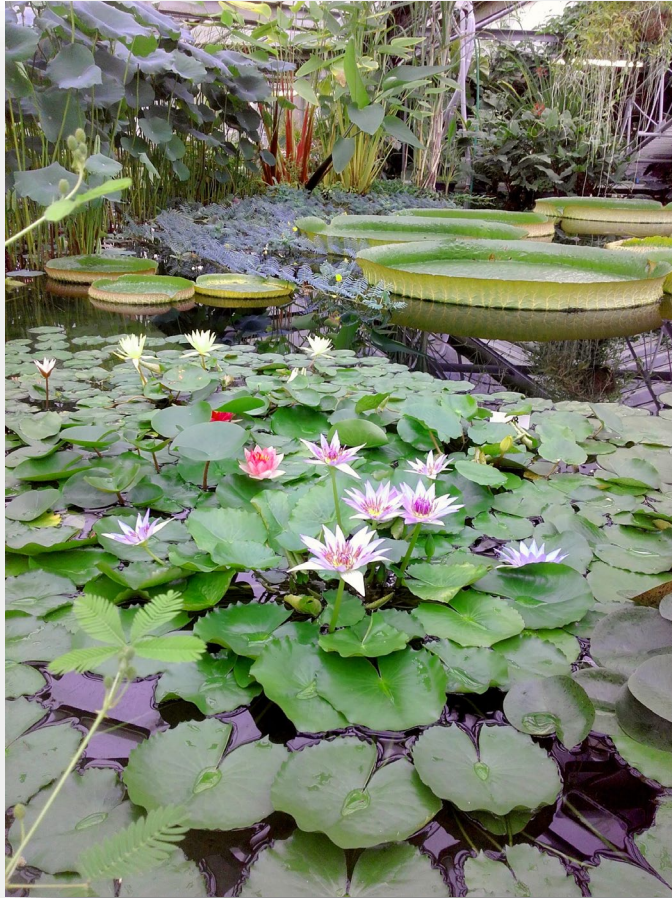
Presented by:

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December 7, 2022

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

Do these plants need the same things to thrive?



[GAlexandrova](#), [CC BY-SA 4.0](#), via Wikimedia Commons



[Jorge Láscar from Australia](#), [CC BY 2.0](#), via Wikimedia Commons

Make It Personal

- ▶ We are all individuals with our own needs, wants, and desires.
- ▶ Consider needs on an individual basis rather than assuming every client has the same needs.
- ▶ The better you know your client, the better you'll be able to create a remote monitoring solution that will actually work for them (and you).
- ▶ If possible, involve the client. Your goal is to give them as much independence as is safely possible.

Getting to Know You

- ▶ Go through their entire day - all 24 hours; Are their needs different on weekdays vs. weekends?
- ▶ Physical independence - Food prep, eating, bathing, dressing, fall risk?
- ▶ Memory needs - Do they remember to take their medication? Do they remember how to cook? Do they remember to turn off appliances like the stove? Do they remember how to complete tasks? Do they still try to drive when they shouldn't?
- ▶ Personal Emergency Response System - At home, in the community, does it need fall detection?
- ▶ Social Isolation - Are they socially isolated? Do you need a system that provides connection?
- ▶ Sleep - Are they getting out of bed frequently at night? Does sleep quality need to be monitored?
- ▶ Medical Needs - Do they have medical needs that need to be monitored, i.e. blood sugar
- ▶ Do they wander (elope)?
- ▶ What kinds of devices do they already have and use, i.e. smartphone, Alexa, video doorbell, etc.?



Things that can be monitored in a Smart Home

- ▶ Doors
- ▶ Locks
- ▶ Windows
- ▶ Thermostat/ temperature
- ▶ Water sensors
- ▶ Motion
- ▶ Getting in/out of bed
- ▶ Smoke/fire alarms
- ▶ Fridge - number of times opened, glasses of water dispersed
- ▶ Medication intake
- ▶ Bathroom scale
- ▶ [Toothbrush](#)
- ▶ Fitness and sleep tracking - might requires a smartwatch



Considerations – Support Person/Network

- ▶ Who will:
 - ▶ Assess needs?
 - ▶ Match those needs to the appropriate assistive tech?
 - ▶ Design the system?
 - ▶ Purchase the equipment?
 - ▶ Set up the equipment?
 - ▶ Provide training on the system?
- ▶ Who is going to support the system?



Consideration – DIY Stand-Alone System or Fee-Based Outside Service

- ▶ Determining who the designated support(s) will be and how much they are able to commit will help you determine if a DIY stand-alone system or a fee-based outside service is right for your client.

Stand-alone System - Considerations

- ▶ Stand-alone system with family/staff monitoring/support
 - ▶ Who will be the monitors and how will they monitor?
 - ▶ Create a shared schedule
 - ▶ Consider each care provider's needs. Can they hear alarms? Do they need extra loud or vibrating alerts? How tech-savvy are they?
 - ▶ Will the support person be in the home/ building?
 - ▶ Will it be basic (not Internet-based) or smart (internet-based)?
 - ▶ Does the home have good Wi-Fi? Does it reach all areas of the home? Do they need a more robust Wi-Fi setup to support the system?
 - ▶ Do the components work together?

Stand-alone System - Considerations 2

- ▶ Stand-alone system with family/staff monitoring/support
 - ▶ If applicable, i.e. to call for help, how will the system be accessed by the individual (voice, touch, AAC device, etc.)?
 - ▶ Where do sensors, motion detectors, and cameras need to be placed?
 - ▶ Do you need video? Inside and outside? If outside, is the device rated for our winters?
 - ▶ How is it powered? Does it need to be periodically charged? Need batteries? Who will be in charge of making sure it is always powered?

Stand-alone System - Examples



[SMPL Caregiver Alert System](#)



[CompX 300 eLock](#)



[MedReady Inc.](#)



[SimpliSafe Home Protection System](#)



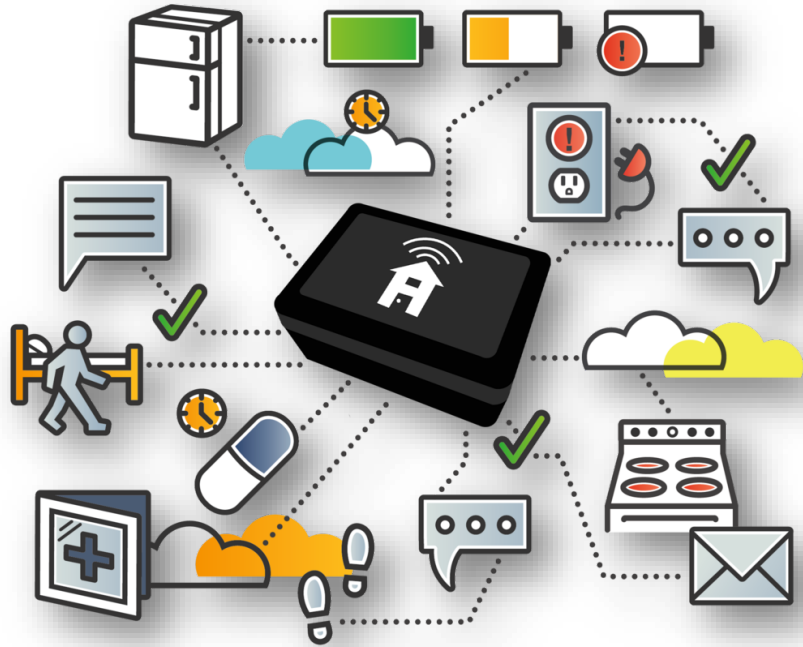
[AltumView](#)

Fee-based Outside Service-Considerations

▶ Fee-based outside service

- ▶ How much of the service do you want/need for the particular individual?
- ▶ What kind and what level of services do they offer?
- ▶ What kind of service is it? A call service or an actual 24/7 home monitoring service?
- ▶ Monthly Fees/Contract-penalties for discontinuing
- ▶ What type of services are included with the fee?
- ▶ How long has the company been in business?
- ▶ What have been others' experiences?

Fee-based Outside Service - Options



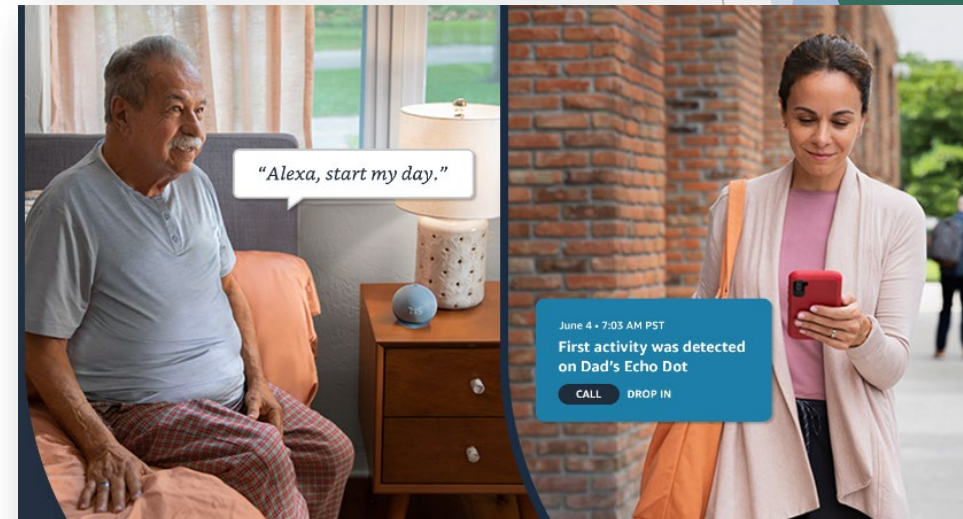
[Simply-Home](#) - MN rep



[Sengistix](#) - based in MN



[Night Owl Security Systems](#)



[Alexa Together](#)

ND Assistive is here to help!

Contact us and we can help walk through your specific needs!

Call 800-895-4728 or email info@ndassistive.org

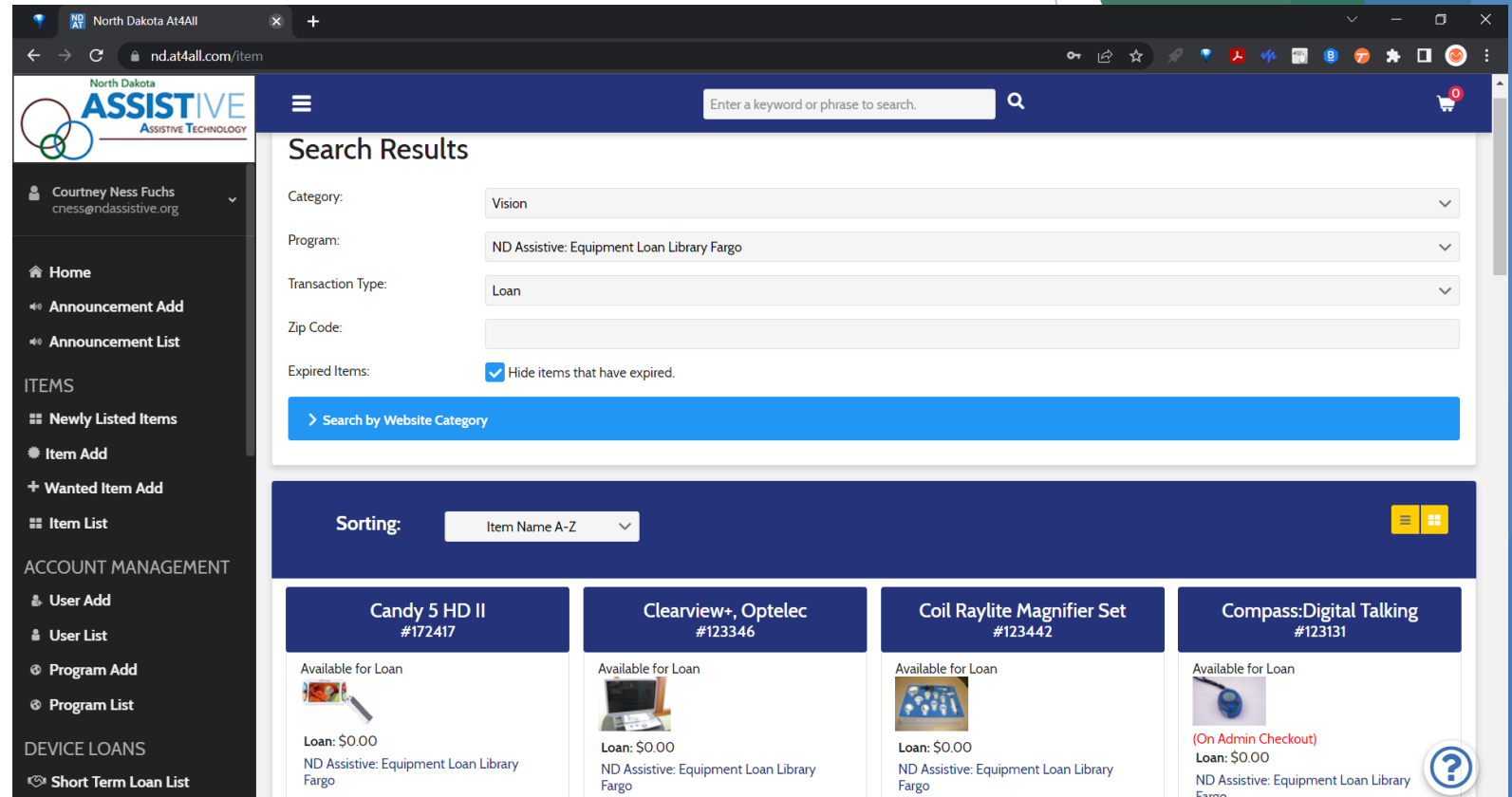
Free Demonstrations

- ▶ Visit one of our [Demonstration Centers](#) in either Fargo or Bismarck for a hands-on exploration of assistive technology for your unique needs with a professional.
- ▶ Our Centers are plump-full of AT to meet many different types of needs.
- ▶ Our Centers are SMART! We have tons of smart home devices and can explain the pros/cons of what we've learned.
- ▶ We also offer virtual demonstrations if you aren't able to travel to one of our centers.
- ▶ Call us at 1-800-895-4728 or [email](#) us to schedule.



Free Short-Term Equipment Trial Program

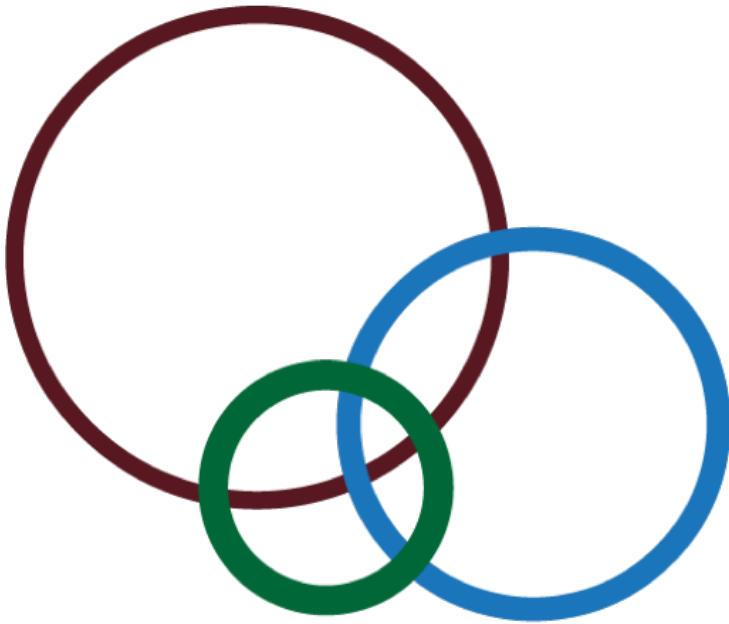
- ▶ Free 6-week equipment loans so you can try AT before you buy or pursue alternate funding.
- ▶ Learn if a device will work in your different environments – at home, at work, at school, in the community.
- ▶ Borrow a device while yours is in for repair
- ▶ Professionals can loan devices so they can learn about AT
- ▶ Can't make it to Fargo or Bismarck? No problem. We can ship the devices to you.



Contact Us

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North Dakota Assistive

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