



# IHC & Developmental Pathways

Technological Assistance  
for the I/DD Community

*The Role of Technology*

# A Bit About Me

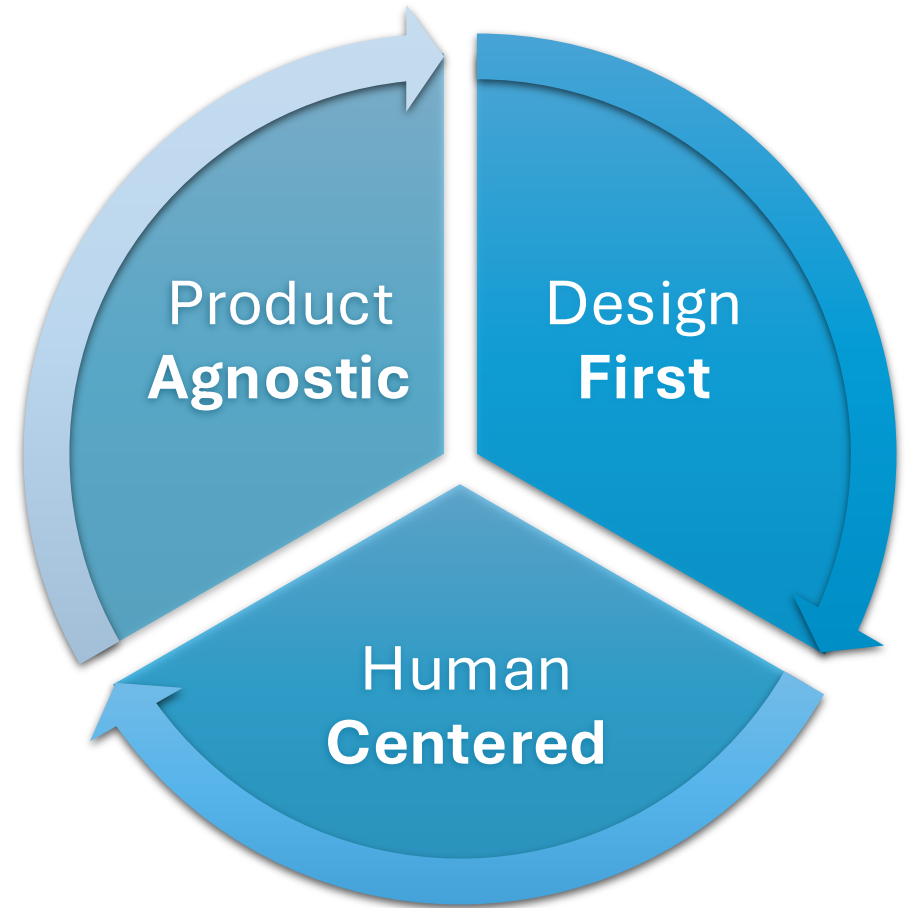
Founder and CEO of **Layer 10**

Board President, **Trailhead Community**

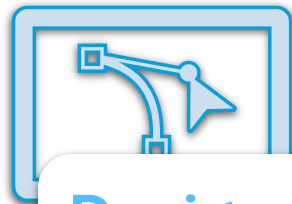
Author of the upcoming book,  
***Bricks to Brilliance: Designing Buildings That Think***



# The Principles



# The DSDS Framework



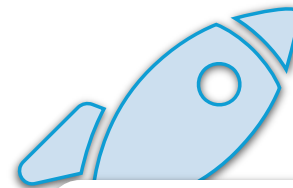
## Design

- Imagine what you desire



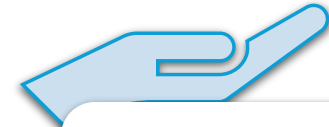
## Select

- Will what you imagine



## Deploy

- Create what you will



## Support

- Keep the dream alive





**Trailhead**  
COMMUNITY

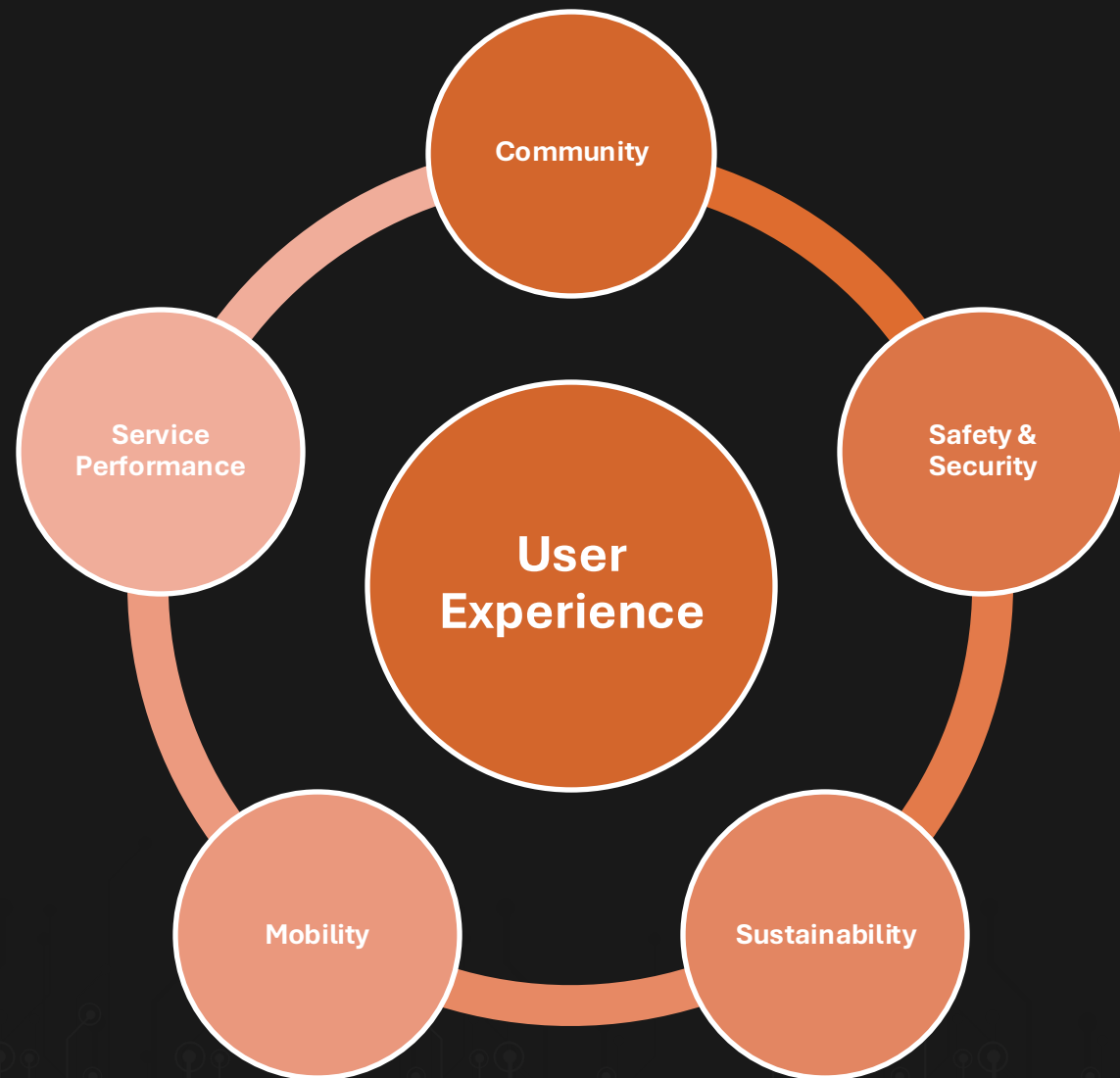






<https://www.youtube.com/watch?v=vAJdhrhCOXc&t=1s>

# Scope of Work



# Safety and Security

User Base



Applications



Challenges





# What's Next For **Trailhead**

**Current  
Focus**

**Lessons  
Learned**

**Expanding  
Our Impact**

[www.trailheadcommunity.org](http://www.trailheadcommunity.org)

# Stay Connected

**Ken Wilkinson**

**Founder & CEO, Layer 10**

<https://layer10.com/>

[kwilkinson@layer10.com](mailto:kwilkinson@layer10.com)

**LAYER10**





# Remote Supports

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Leveraging Technology to **Empower** Independence

**Kyle Hammond**

Remote Supports Consultant

720-498-1440

khammond@safeinhome.com

SCAN HERE  
*With your cell phone  
To learn more*



# August 2024

Remote Supports approved as a standalone service on five HCBS Medicaid Waivers

- Brain Injury (BI)
- Community Mental Health Supports (CMHS)
- Complementary and Integrative Health (CIH)
- Elderly, Blind and Disabled (EBD)
- Supported Living Services (SLS)

# July 2025

Remote Supports moving to Community First Choice (CFC)



**COLORADO**

Department of Health Care  
Policy & Financing

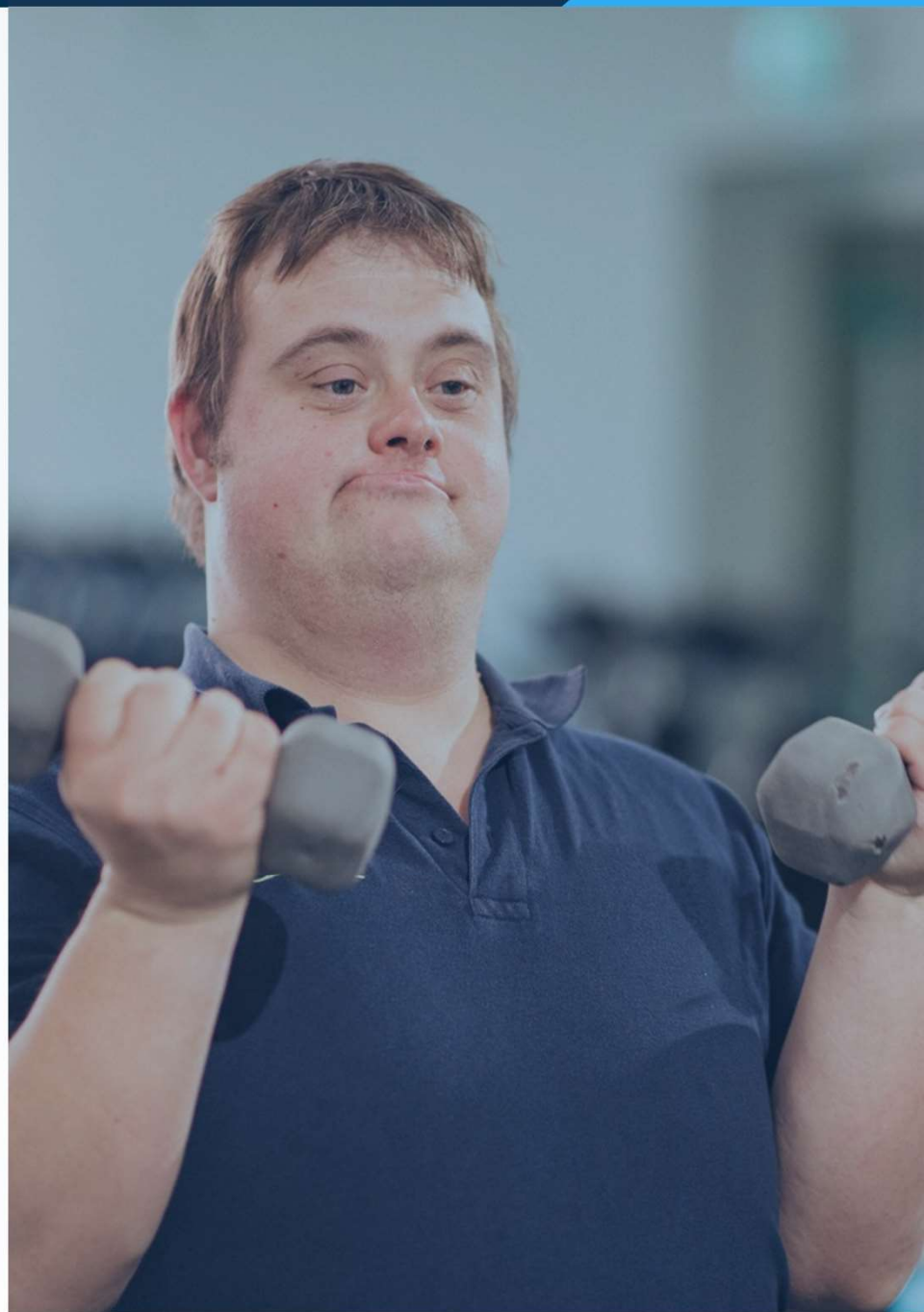




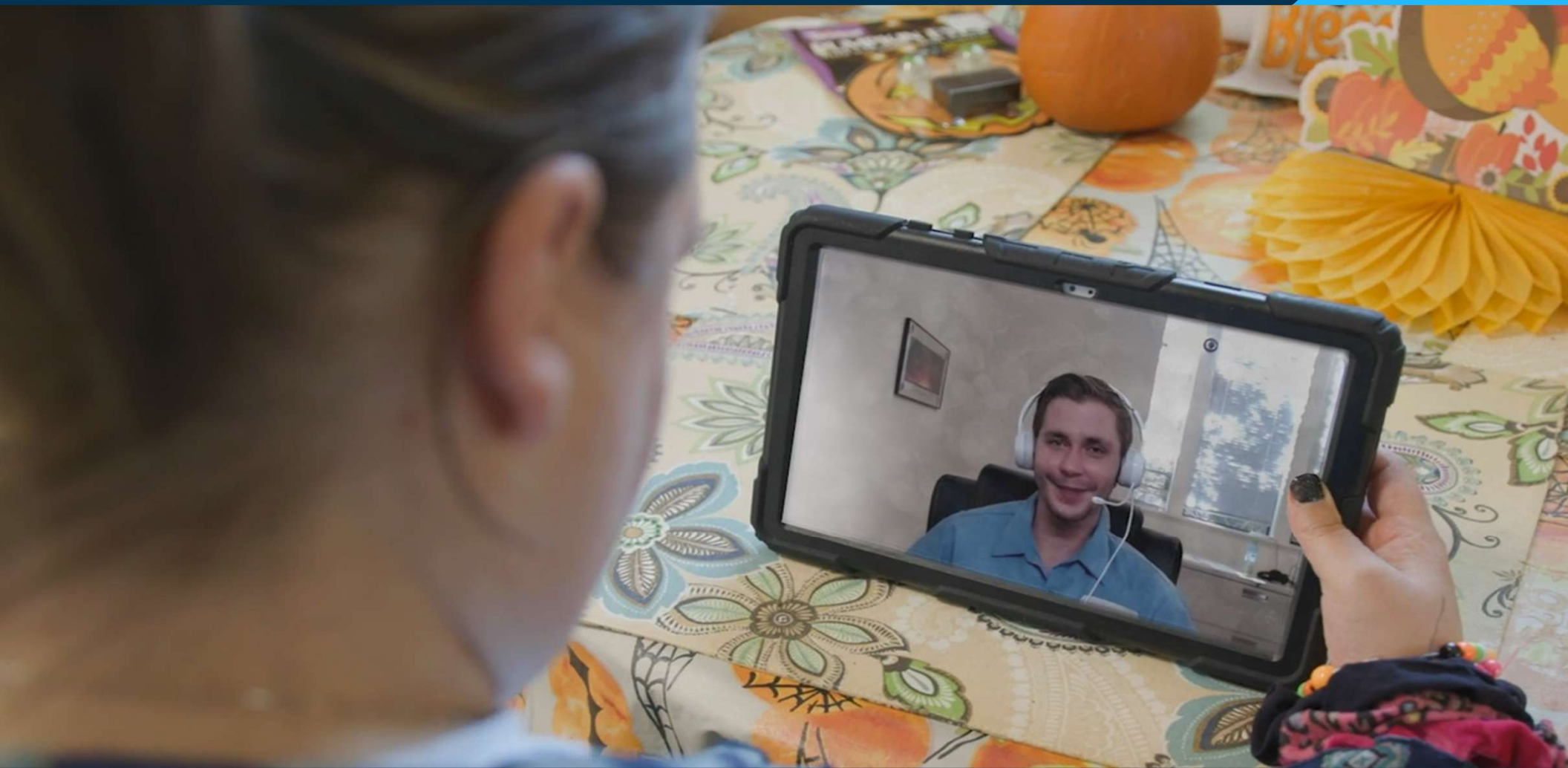
# Understanding **Remote Supports**

# Remote Supports

24/7 access to Remote Supports Staff paired with Advanced Assistive Technologies to empower people to increase independence in their own homes



Emily is a also a SafeinHome user, who is steadily gaining her independance through remote supports.



# Support Services

Can be virtual and still personal -  
Via tablet, cell, text, or landline



# Remote Supports...

**Is a service, not a thing**

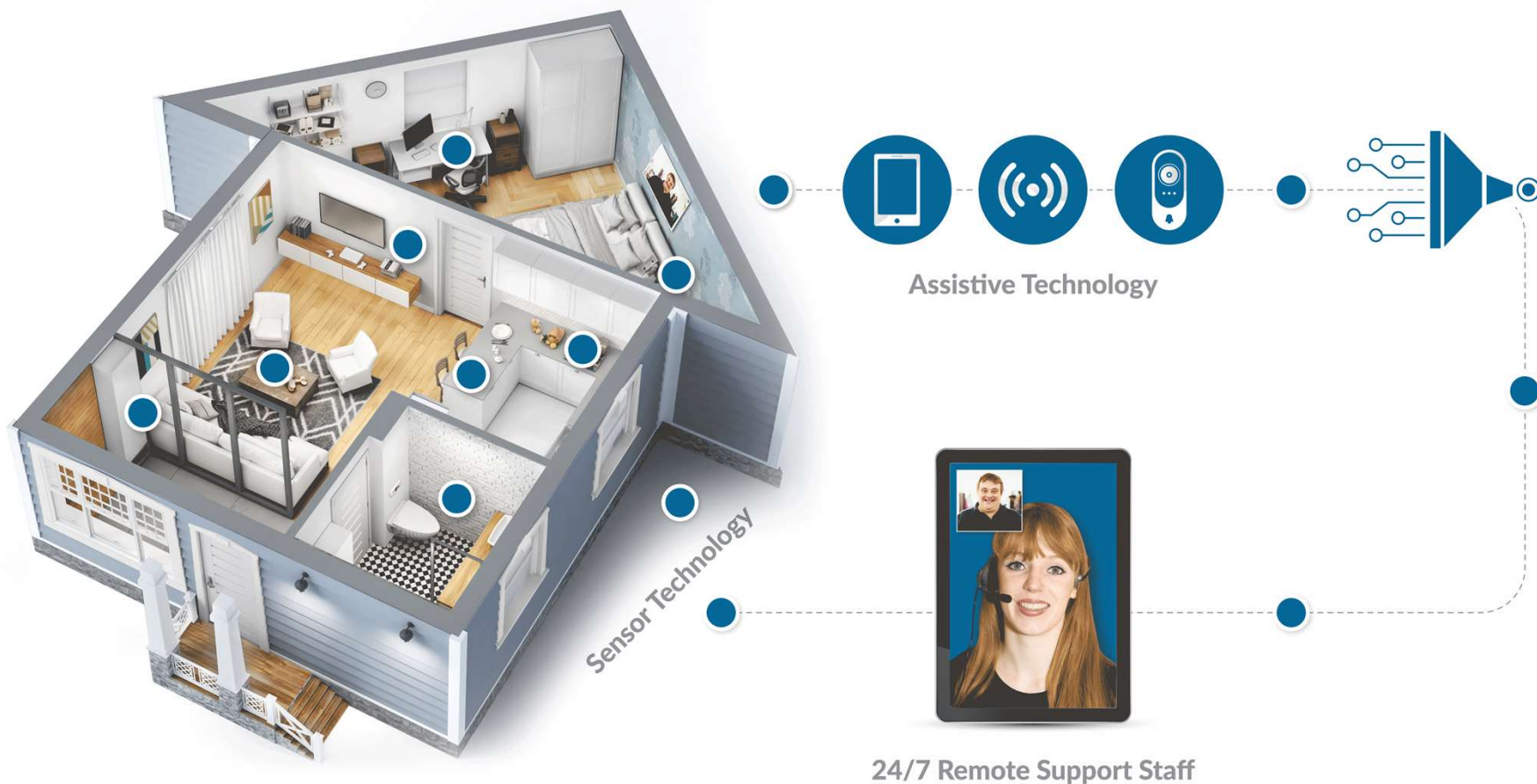
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It is not replacing humans with technology but is a trained workforce connecting and supporting people through technology.

## BRIDGING THE GAP



# How Technology and Remote Supports Work Together



**REMOTE  
SUPPORTS  
SOLUTIONS**



**SEIZURE  
MANAGEMENT**



**MEDICATION  
MANAGEMENT**



**OVERNIGHT  
SUPPORT**



**ELOPEMENT  
MITIGATION**



**KITCHEN  
SAFETY**



**VISITOR  
SAFETY**





**YOUR SUPPORT**

**YOUR WAY**

“

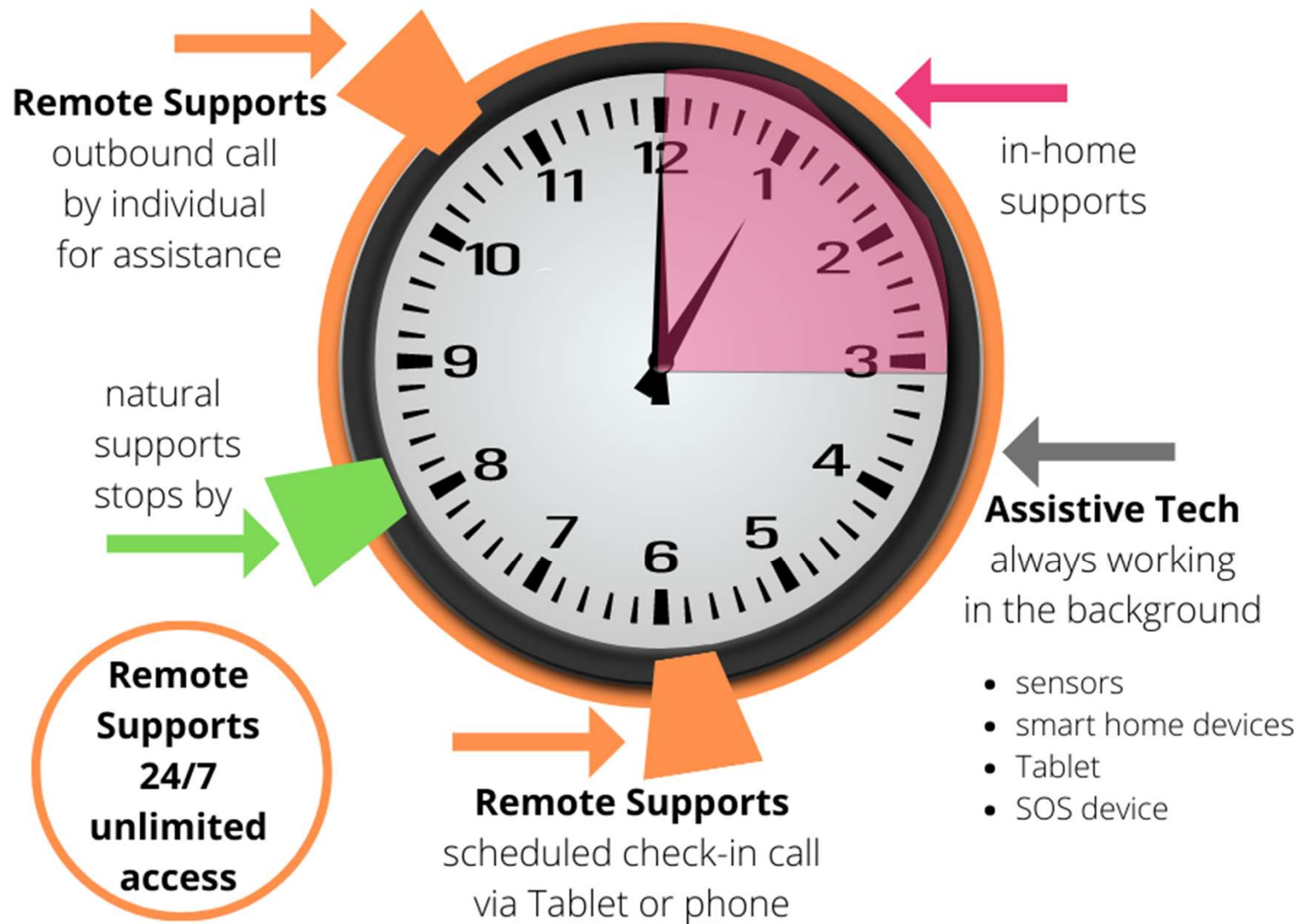
Remote Supports is someone to talk to when you need to and supported privacy when you don't.

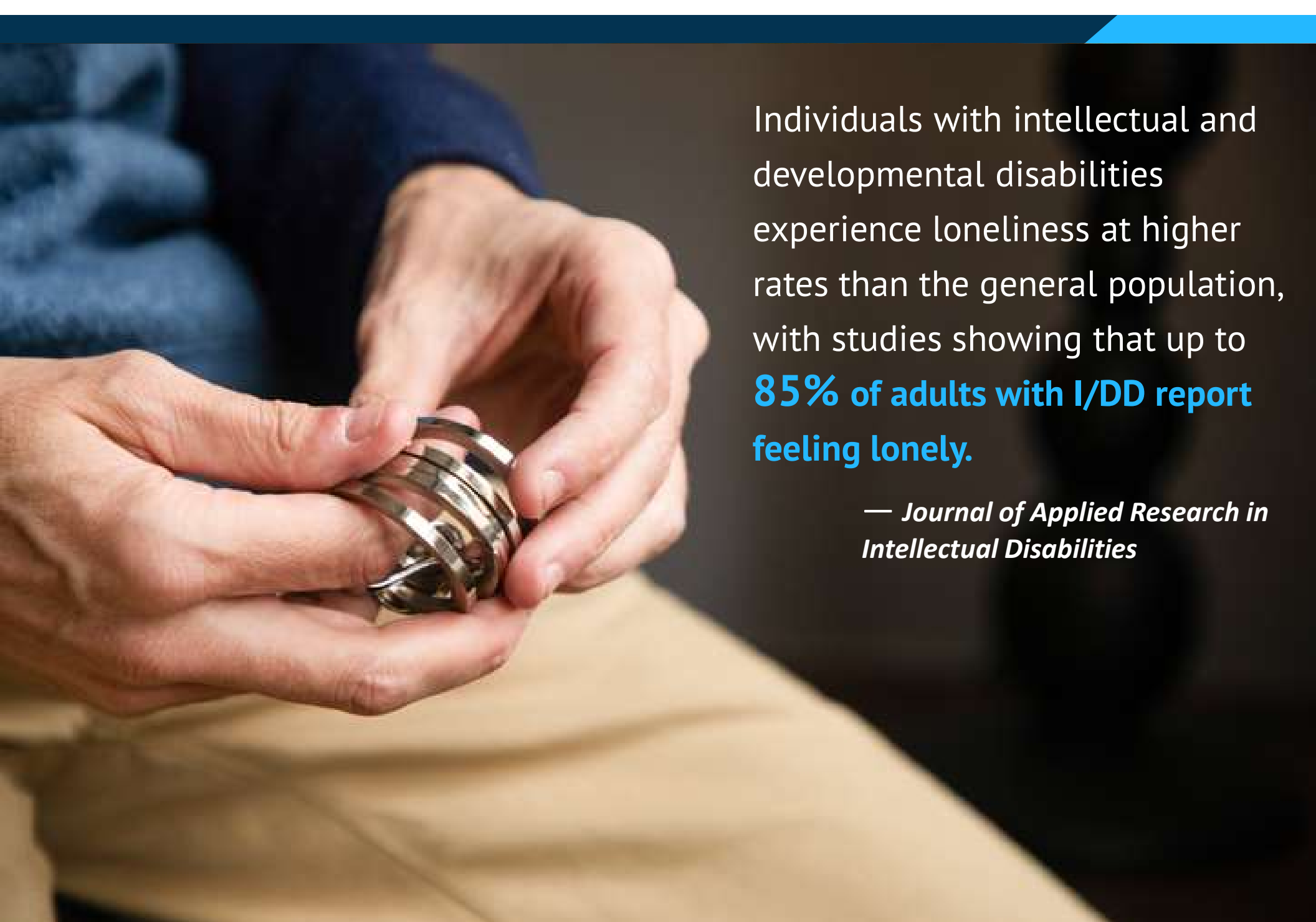
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## REMOTE SUPPORTS + ASSISTIVE TECHNOLOGY

*Always On - Always Available*





Individuals with intellectual and developmental disabilities experience loneliness at higher rates than the general population, with studies showing that up to **85% of adults with I/DD report feeling lonely.**

— *Journal of Applied Research in Intellectual Disabilities*



A man with short brown hair and black-rimmed glasses is smiling and holding a small, white, scruffy-haired dog. The dog is looking off to the side. They are outdoors with a blurred background of green and purple foliage.

# Breaking the Cycle: From 911 Calls to Real Support

## BEFORE REMOTE SUPPORTS

- Overwhelmed by anxiety, regularly called emergency services and his case manager for help.
- When supports didn't answer he would often panic, sometimes resorting to calling emergency services
- His frustrations frequently resulted in threats of self-harm.

## WITH REMOTE SUPPORTS

- Now equipped with 24-hour Remote Supports, he can reach out whenever he needs to talk.
- He's more connected and supported, drastically reducing his anxiety.

Photo for illustration only, not the actual person(s).





## SUPPORT FOR ME

With Remote Supports Services:

- ✓ I can live more independently at home with my parents, with my roommates, or on my own.
- ✓ I can have time on my own, even if it is just for a few hours.
- ✓ I can make decisions for myself.
- ✓ I can build the skills I need for a more independent future.



## SUPPORT FOR PARENTS & CAREGIVERS

With Remote Supports Services:

- ✓ I can enjoy my leisure time and go out with my friends.
- ✓ I don't get as many calls while I am at work.
- ✓ I can have peace of mind, knowing someone is there 24 hours a day, 7 days a week.

# Thank You!

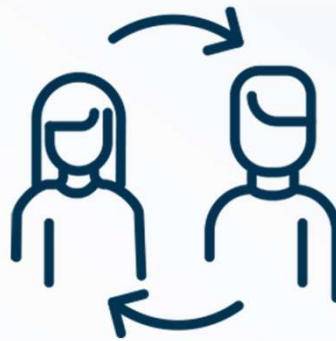
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## PERSON-CENTERED. COMMUNITY INTEGRATION.

More safety. More privacy. More independence.



**5,495,295**  
SUPPORT HOURS



**1,352,408**  
CHECK-INS



**28,454,459**  
SENSOR HOURS

# Q & A



**Kyle Hammond**

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# Technological Assistance in the I/DD Community

March 12, 2025



**Hosted by**  
Inclusive Housing Coalition (IHC)

**Sponsored by**  
Developmental Pathways

**Presented by**  
Sarah Kathleen Smith, MSW  
Imagine, Chief Services Officer, Innovation & Support



**Assistive Technology  
empowers people to  
direct their own lives.**

# Understanding Assistive Technology

- At Imagine!, assistive technology is cultural
  - Social Enterprise since 2005
  - Opened Boulder Charles Smart Home in 2010
- **Empowering people to direct their own lives.**
  - **Embedded into programming**



# Assistive Technology

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- **Technology:** A piece of equipment, an item, product, system, or method.
- **Support:** The key to leveraging the gear and gadgets!
- **Service:** Billable/ payment for the support.



# High & Low Tech

- High Tech
  - Complex, computerized systems
  - Speech-generating software
  - Screen readers
- Mid Tech
  - Alexa
  - Switch (button)
- Low Tech
  - Simple, more readily available tools
  - Larger print text
  - Pencil grips







## Turn Why Not Into Here's How

- Control objects in the environment.
  - Different time frames
    - Direct
    - Seconds
    - Minutes
  - Measure liquid ingredients.
  - Turn on and off appliances and lights.
  - Power a leaf blower or favorite lava lamp!

# Assistive Technology Services

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## Medicaid Home and Community Based Services (HCBS) Waiver(s)

- Persons with a Brain Injury
- Children's Extensive Support
- Supported Living Services

## Division of Vocational Rehabilitation (DVR)

- Evaluation, equipment, vehicle, residential, and job site modifications.
- Remove barriers/ increase access to employment

## Other

- Insurance
- Private Pay
- Grants
  - Center for Inclusive Design and Engineering (CIDE) at Colorado University



# Creative Solutions to Un(der)met Needs

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- Braided funding to work with service utilization caps
  - Assistive Technology funding
    - Assessment and evaluation
    - Purchasing the technology
  - Mentorship
    - Use and training
- Partnership with SafeinHome
  - Make remote supports accessible across Waivers.
- Embed the assistive technology into programs through Imagine!'s social enterprise department.



# The Technology, the Service, the Support

**Technology:** iPad

**Service:** HCBS Medicaid  
Developmental Disabilities Waiver  
Funding

- Assistive Technology is not available.
- Explore and access other funding streams

**Support:** Assessment, selection of the technology, training, and ongoing support.





**Assistive Technology  
empowers people to  
direct their own lives.**



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Imagine!