



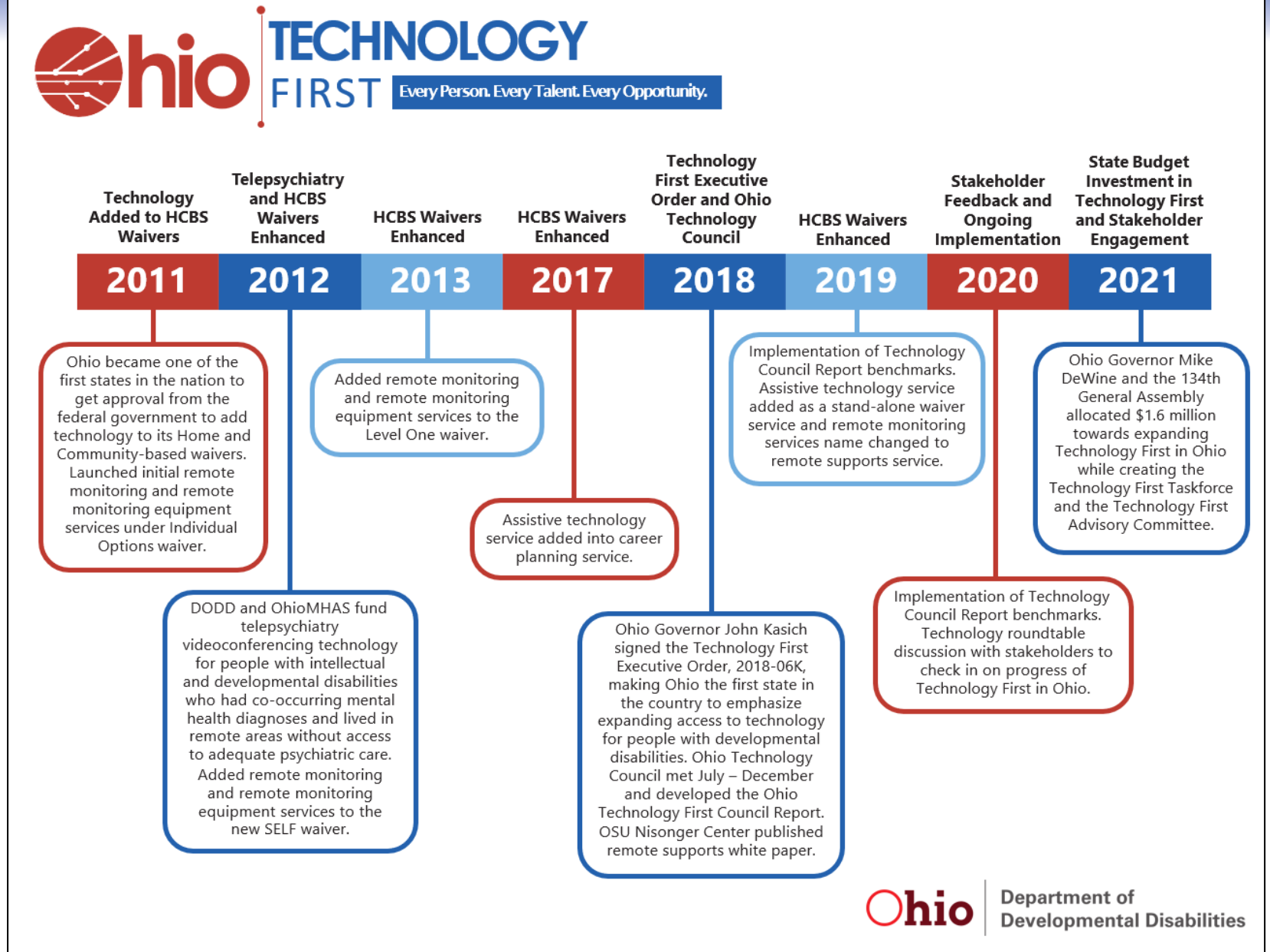
Ohio's Technology First Rule Effective April 21, 2022

Introductions & Agenda

- Speaker Introductions
- History of Technology First in Ohio
- Technology First Overview
- Technology Solution Examples
- Technology Solutions Definition from Rule
- Technology First Policy from Rule
- Technology First Planning from Rule
- Planning Example
- Technology First Collaboration from Rule
- Technology First Website and Resources

2018

Ohio Governor John Kasich signed the Technology First Executive Order, 2018-06K, making Ohio the first state in the country to emphasize expanding access to technology for people with developmental disabilities.



Ohio's Technology First is an initiative to:

- Ensure that people with developmental disabilities have increased opportunities to live, learn, work, and thrive in their homes and communities through state-of-the-art planning, innovative technology, and supports that focus on their talents, interests, and skills.
- Promote remote supports and assistive technology, so Ohio can take key steps towards solving the DSP workforce emergency and start on a path paved by technology that will change the support options for Ohioans with developmental disabilities.

Our Tech Priorities

- Technology to **Increase Safety, Independence, and Control** (Person w/DD focused)
- Technology as a **Solution** to meet a need (DSPs, providers, families focused)
- Technology **Across the Lifespan** (EI, School-based, Transition Age, and Adults)



Why Technology First?

Technology influences the lives of nearly everyone in one manner or another. Most of us take technology for granted, not noticing the extent to which our everyday activities are reliant upon technological advancements and/ or have been made significantly easier. In an age where every year we are more integrated into a global digital society, ***it is imperative that people with intellectual and developmental disabilities be included.***

“For most of us, technology makes things easier. For a person with a disability, it makes things possible.”

-Judith (Judy) Heumann,
American Disability Rights Activist

- According to Ohio's most recent National Core Indicators survey indicated 90% of people reported that technology has helped them do things on their own.
- The disabilities service and support system is experiencing challenges in hiring, training, and retaining people to work as direct support professionals (DSP).



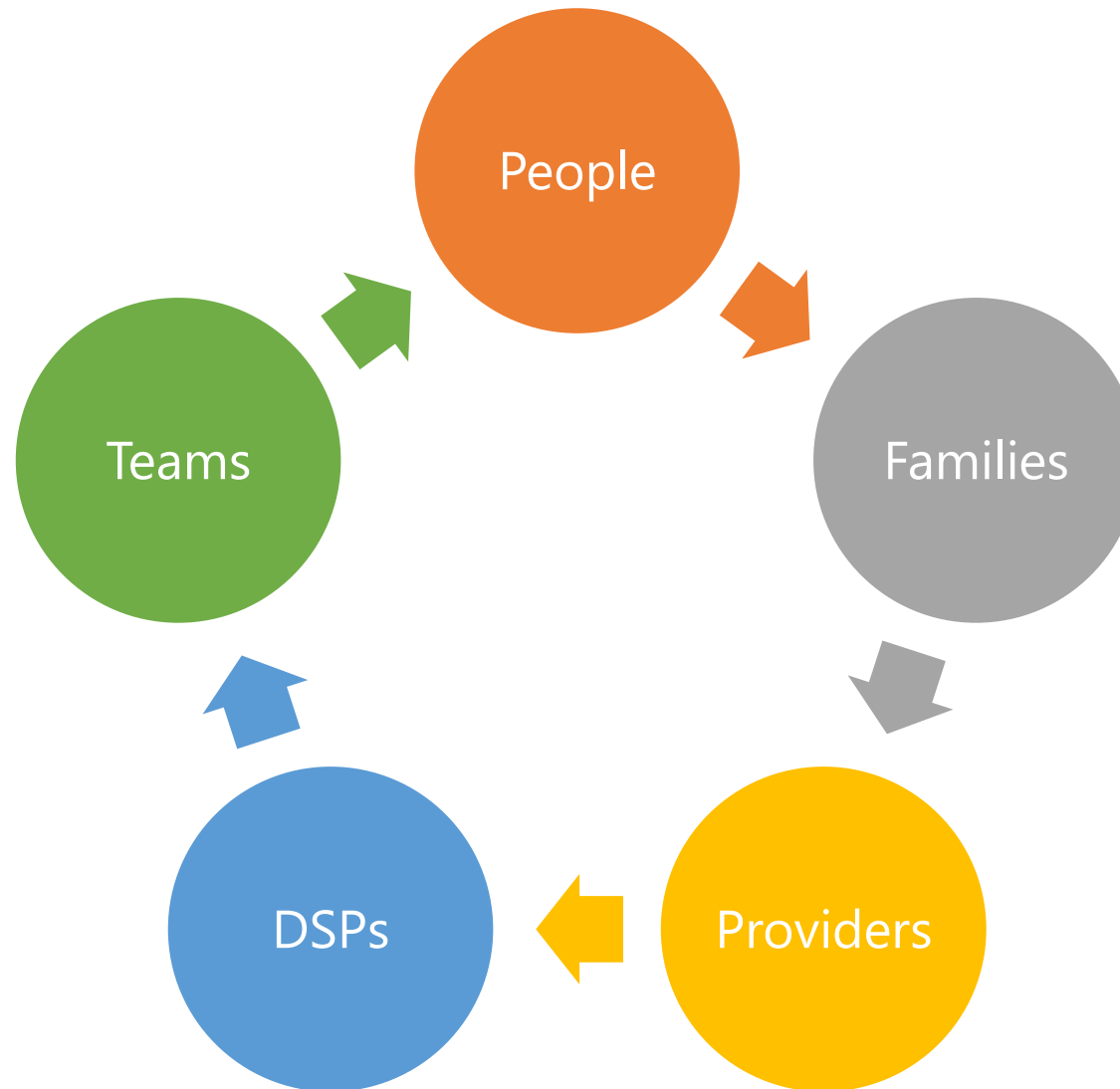
Vacancy rates among DSPs has increased over the last three years. From 2018 to 2020, DSPs have seen an 11 percent increase in vacant part-time positions (16% to **27%**) and a four percent increase in vacant full-time positions (13% to **17%**). **This represents approximately 8,400 vacancies in the DSP workforce of approximately 40,000.** (DODD, 2020 DSP Compensation Survey)





- With increases in vacancy rates, the DSPs that are still employed are often working more hours to fulfill the needs of those receiving services.
- In the 2020 DODD DSP Compensation Survey, **Ohio had a 46% statewide turnover rate and 60% of DSPs were employed less than one year.**

Opportunities



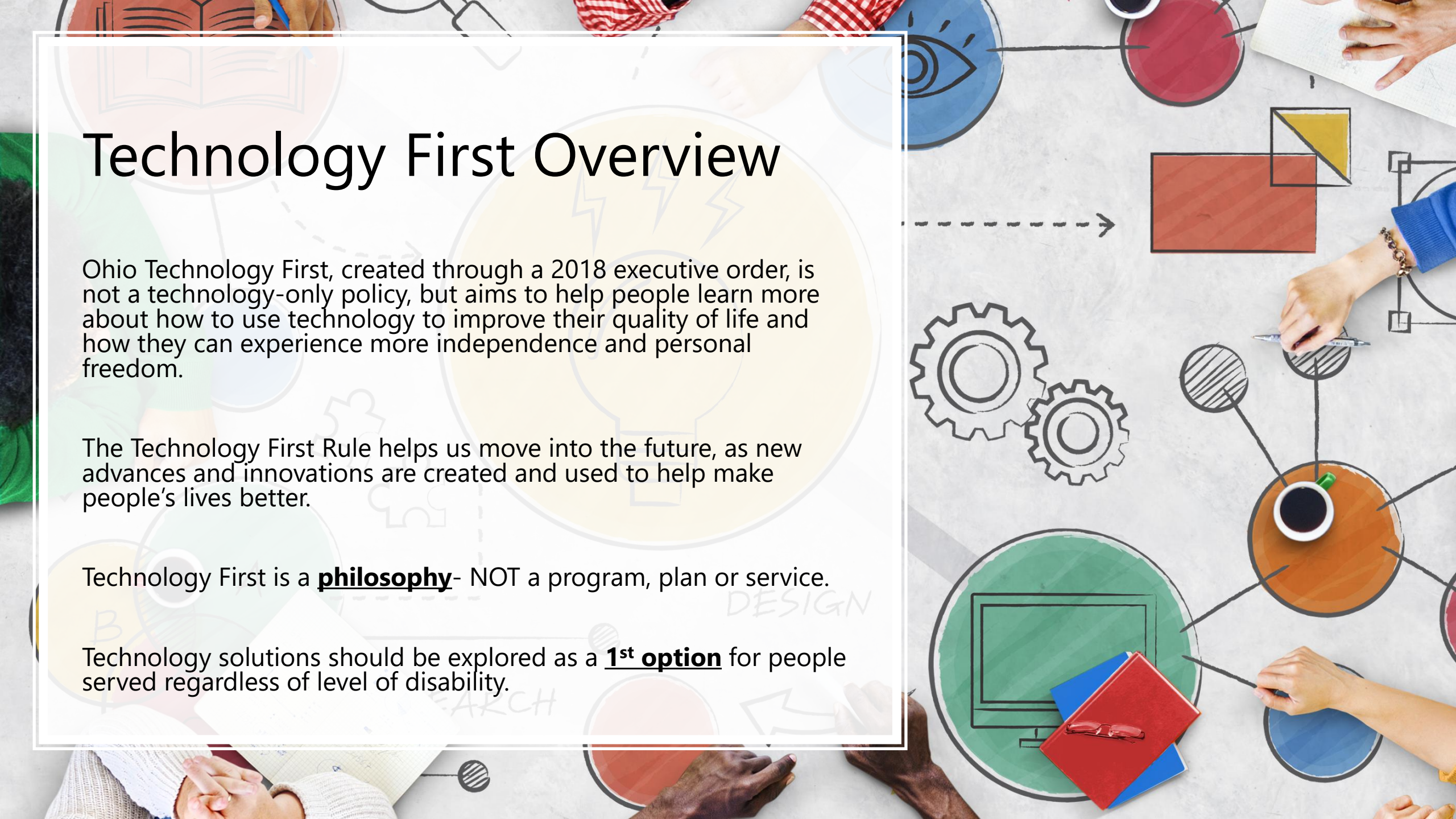
Technology First Overview

Ohio Technology First, created through a 2018 executive order, is not a technology-only policy, but aims to help people learn more about how to use technology to improve their quality of life and how they can experience more independence and personal freedom.

The Technology First Rule helps us move into the future, as new advances and innovations are created and used to help make people's lives better.

Technology First is a **philosophy**- NOT a program, plan or service.

Technology solutions should be explored as a **1st option** for people served regardless of level of disability.



Technology Solutions

Technology offers people with developmental disabilities personalized help with daily tasks at home or at work.

The support offered can be low, mid or high levels of technology.

We will see examples of each of these throughout the presentation today.

Let's start with an example of low-level technology with a video of [Renee](#).



Examples of low-level supportive technology: adaptive utensils and dishes, PECS binders, large print or braille playing cards, card holders, adaptive key holders, grabbing devices, picture schedules, etc.

5123-2-01: Technology First Rule Definition

Technology Solution

Any product, device, equipment, or service used to maintain, increase, or improve the functional capabilities of a person with developmental disabilities and that is deployed in accordance with applicable federal, state, and local rules and regulations.

The efficacy of a technology solution is subject to review and approval by the department.





5123-2-01: Technology First Policy

Each county board and each intermediate care facility for people with intellectual disabilities will develop and implement a written local policy to enact the technology first policy:

- Within 180 days after rule effective date for county boards and existing intermediate care facilities (ICFs)
- Within 180 days of licensure of a new ICF

5123-2-01: Technology First Policy

The Technology First Policy will ensure that technology solutions will:

- ✓ Address ability to increase capacity for use of technology solutions and outline specific steps, as applicable, to be taken including, when applicable, establishment of benchmarks for increasing the number of individuals who benefit from the use of technology solutions.
- ✓ Identify strategies for increasing the level of knowledge, skill, and comfort of staff related to assessing how technology may help meet needs or achieve outcomes and the use of technology solutions.
- ✓ Annually review and update, as applicable, its goals and objectives related to increasing the use of technology solutions by individuals served.



5123-2-01: Technology First Policy

The Technology First Policy will ensure that technology solutions will clearly delineate that technology solutions are to be:

- ✓ Explored and documented throughout the initial and ongoing person-centered assessment and planning process; and
- ✓ Used to the greatest extent possible to support the outcomes in an individual service plan.

Technology Solutions

To the right are examples of mid-level supportive technology.

Other examples of mid-level technology would be a vacuum robots, talking thermostats, screen reading or speech to text software, phones with large tactile buttons, Ring Doorbells, security systems, smart phones, smart watches, switch adapted appliances, automatic soap dispensers, adapted keyboards, playing card shuffler, etc.

Diane Likes Hanging Out with Her Friends

Diane likes to text and socialize with her friends. Because she is visually impaired, she uses a voice-activated app on her phone that reads what's on the screen, like what her friends are doing on Facebook. Diane also uses a ride-sharing app, like Lyft or Uber, so she can meet up with friends on her own.




Alice Wants More Independence at Home

Alice likes to have time to herself at home. She uses a voice-activated speaker to add items to her to-do list, change the thermostat, or turn on the lights. By using a device like Amazon Echo or Google Home, Alice can give hands-free commands from her wheelchair to call her provider whenever she needs. She also uses a device with a display to see what tasks she is working on.

Jackson Enjoys Success on the Job

Jackson works as a line cook in a restaurant but needs reminders about how to make new recipes on the menu. He uses a tablet that gives him video prompts about what to do next. Jackson also wears a watch that buzzes every hour to remind him to make sure his workspace in the kitchen is clean.





5123-2-01: Technology First Planning

Each person served by a county board or an ICF will participate in a person-centered assessment and planning process which identifies the person's:

- Unique strengths,
- Interests,
- Abilities,
- Preferences, and
- Resources.

5123-2-01: Technology First Planning

Each person served by a county board or an ICF will participate in a person-centered assessment and planning process which explores how technology solutions might support the individual's desired outcomes.



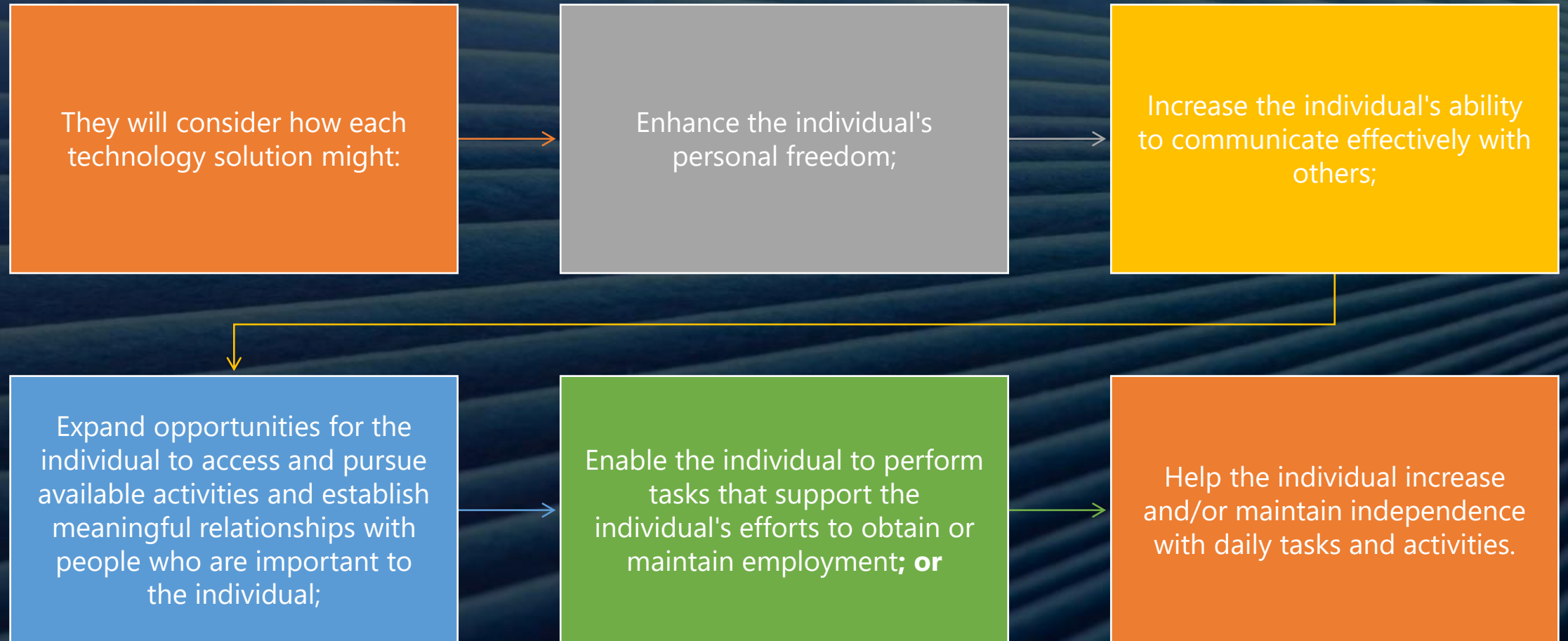
5123-2-01: Technology First Planning

Through the person-centered planning process:

- The person and their team will discuss any technology solution previously or currently used by the individual and the effectiveness of the technology solution.
- The person and their team will discuss the individual's needs and explore information regarding available technology solutions.



5123-2-01: Technology First Planning



5123-2-01: Technology First Planning



When available technology solutions have been determined by the person and their team to meet the person's assessed needs, they will be included in the individual service plan.



Technology solutions included for the duration of the individual service plan (ISP) may be reviewed and modified at any time based on a request by the individual or the individual's team.



Technology solutions included on a trial basis are to be reviewed by the person and their team at the conclusion of the trial period.

5123-2-01: Technology First Planning



The results of the person-centered planning process, including, as applicable, the person's desired outcomes as they relate to technology solutions and the activities that will occur to expand the person's exploration, awareness, and use of technology solutions, will be integrated into the individual service plan.

The ISP will be amended if the person's service needs change.

Technology Planning Example

Outcomes/Experiences (copy/paste template for additional outcomes, add/delete lines as needed)

Summary of Progress Outcomes: <i>Share accomplishments, progress, how success is to be celebrated</i>			
Ronnie is using her IPAD for many things, but she has been working with a technology specialist through a grant and staff to complete her nighttime routine. She has been using the IPAD for this for 6 months and it is going well. She can follow the short, concrete directions with the use of some videos to complete task independently.			
Outcome: <i>What does the person want to accomplish and why?</i>			
Ronnie wants to do everyday task on her own without receiving instruction from staff.			
Details to Know			
Ronnie uses her iPad for many things and can use it efficiently. Ronnie and her team discussed how she can become more independent. The team completed a technology assessment and through observation of her daily routine some recommendations were made to Ronnie on how technology could assist her. Ronnie agreed that she would like to try using her IPAD to help her become more independent. Ronnie and staff have received training how to use the IPAD program called "Independence"			
Experiences: <i>In order to accomplish the outcome, what experiences does the person need to have?</i>			
What needs to happen	How it should happen	Who is responsible	When/How often

Technology Planning Example Continued

OhioISP
Gathering in July
will focus on
Technology.



DODD Combined Assessment and Plan – Updated 7/22/21

At 8pm, Ronnie will receive a verbal reminder that it is time to get ready for bed. This will cue her to get her iPad.	DSPs are to notify Ronnie that it is time to get ready for bed. Staff are to only to give the reminder once. If Ronnie does not complete action, staff are to wait 30 mins and give reminder again. If Ronnie still does not respond staff are to get iPad and give to Ronnie. Ronnie will generally utilize without further incident. If Ronnie pushes the iPad away this indicates her refusal.	All assigned DSPs for prompting and assisting	Daily. Independently Each evening at 8 pm with success criteria at 5 out of 7 days for 4 consecutive weeks.
Ronnie will push on the Independence application to open her nighttime routine.	The application will track a 10 step process that Ronnie ques. If she does not complete the application sees it as not being worked on by 11pm.	All assigned DSPs for prompting and assisting	Initiating the application independently 5 out of 7 days for 4 consecutive weeks.
Ronnie will follow step by step commands from application. Each step will require Ronnie to hit done before moving to the next task.	The application will remind Ronnie of steps she has not marked as complete. Report can be accessed in the application marked "daily progress".	All assigned DSPs for prompting and assisting	Completion of 7 of 10 steps independently for 5 out of 7 days, for 4 consecutive weeks

Outcome/Experiences Review

What will progress look like/How will we know it is happening?

Ronnie will meet the success criteria for each step.

Who

All assigned DSPs

When to check in

Monthly

Important and Relevant History: Only include history that may impact the person's life, supports, and achievement of outcomes.

*Please note if application is not working or iPad is not working you must contact Tech. Provider and let supervisor know. Ronnie has back up flashcards to be utilized if technology is down. Ronnie has a history of becoming frustrated when guided through her nighttime routine with her DSP's. Ronnie loves her iPad and is very proud of her independence with this program.

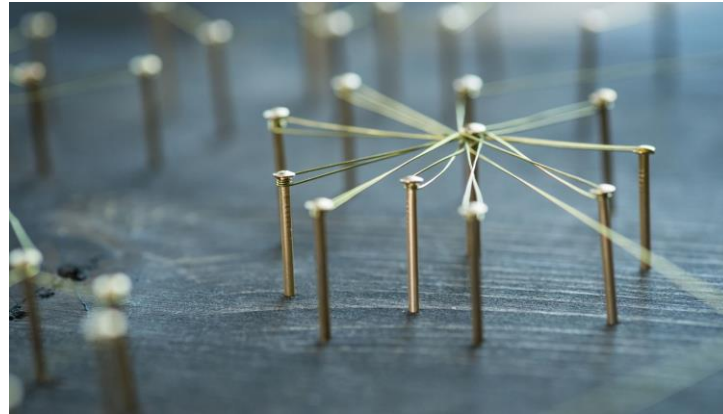
Technology Solutions

[William](#) shows us an example of how high-level supportive technology has increased his independence.

Examples of high-level technology would include Braille computers, head tracking mice, electric wheelchairs, smart refrigerators, advanced communication devices, eye tacking technologies, electronic transfer devices, recognition software, etc.



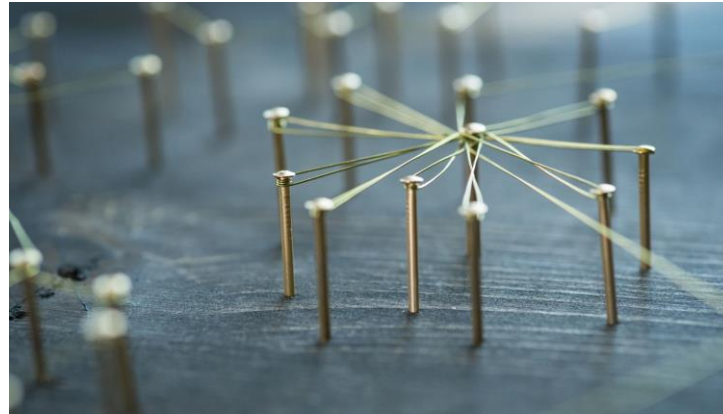
5123-2-01: Technology First Collaboration



To expand awareness and use of technology solutions by people being supported, each county board and/or ICF will actively collaborate with:

- People being supported
- Their families
- Providers of services
- The Ohio Department of Developmental Disabilities
- Community partners
- Persons or entities under contract to provide services to ICF residents

5123-2-01: Technology First Collaboration



DODD will consult and collaborate with persons supported, families, county boards, providers of home and community-based services, intermediate care facilities for individuals with intellectual disabilities, vendors of technology solutions, and other state agencies to:

- Identify best practices
- Share information about technology solutions
- Identify funding sources
- Identify and expand capacity for technology-related assessment
- Facilitate effective partnerships
- Identify ways the department can support statewide efforts to expand use of technology solutions.



Technology First

TECHNOLOGY FIRST

OHIO TECH GOALS

REMOTE SUPPORT

ASSISTIVE TECH

TECH GUIDANCE

TECH PROGRAMS

LENDING LIBRARIES

TECH AMBASSADORS

OHIO TECHNOLOGY FIRST
TASKFORCE

INTERNET ASSISTANCE
PROJECT



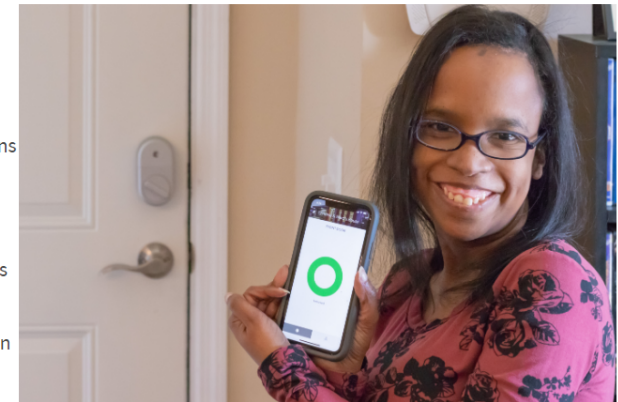
Technology First

Many Ohioans with developmental disabilities encounter obstacles in daily tasks and activities as well as accessing education and jobs. Devices that engage in two-way communication or provide step-by step assistance can help people overcome these barriers and help them live the lives they want. For example, many new technologies can help someone feel more secure in their home, provide instruction on how to prepare an evening meal, or help to access public transportation. With these advancements, more Ohioans with developmental disabilities will have the opportunity to experience a life more fully integrated into their community.

Under Ohio's Technology First initiative, DODD will work with county boards of developmental disabilities to ensure technology is considered as part of all service and support plans for people with disabilities. Remote Support must be considered as the first option when authorizing services for a person with disabilities before authorizing on-site Homemaker/Personal Care staff. Technology First, created through a 2018 executive order, is not a technology-only policy but aims to help people learn more about how to use technology to improve their quality of life and how they can experience more independence and personal freedom.

Supportive Technology

DODD's supportive technology-based services include Assistive Technology and Remote Support. Something is considered Assistive Technology if it helps provide personalized



Marci uses Assistive Technology in her home in Franklin County.

DODD's Technology First Website

Technology First Resources

[Guide to Assistive Technology Lending Libraries](#)

[5123-2-01 Technology First Rule](#)

[Ohio Tech Ambassadors](#)

[Supportive Technology – Choosing Technology that Fits](#)

[Ohio's Technology First Taskforce Information and Recommendations](#)

[Internet Assistance Project](#)

[Innovative Technology Solutions Project](#)

[Discounted Internet Service Information](#)

[Rapid Response System](#)

[Ohio Shift Training](#)

Assistive Technology

Medical Equipment

Adaptive Toys

Statewide*

Statewide**

Key to Types of Lending Libraries

- ASSISTIVE TECHNOLOGY:** Communication devices, AT for curriculum-based needs, computer access equipment, mobile devices, recreation and play, switch access equipment, AT for low-vision/blindness or hard-of-hearing/deafness
- MEDICAL EQUIPMENT:** Seating and positioning mobility activities of daily living
- ADAPTIVE TOYS:** Adapted toys, recreational items, switches and switch access equipment
- STATEWIDE*** Items will be shipped by organization to you
- STATEWIDE**** Items are available for pick up by you

Lending Libraries listed by region are listed on the reverse side.

This guide identifies Assistive Technology Lending Libraries across the State of Ohio. The purpose is to increase awareness and access to resources found in libraries that loan assistive technology (AT), medical equipment and adaptive toys. Many of these programs offer these services for free. The information provided is current as of August 2018.

The Statewide list shares lending libraries that offer assistive technology to people across the State, that can ship AT directly to the individual or can have AT ready for pick up through a reservation system.

STATEWIDE* (items are shipped to you)

- Assistive Technology of Ohio
- OCALI AT Lending Library
- AbleNet Product Loan Program
- Attainment Company - AT Loan
- Logan Tech - Try Me
- Ohio Library for the Blind and Disabled
- Prentke Romich Company - Discovery Loan
- Saltillo Loan Program
- Tobii DynaVox
- Westminster Technologies

STATEWIDE (items available for pick up)**

- Adaptive Sports Program of Ohio
- Champaign County Library - Adaptive Toys
- ECRN+ Equipment Loan Program
- Equipped Kids - Sunshine Creating Community
- Give Medical Ministry
- MOBILE - Mid-Ohio Board of Independent Living
- Nisonger Center UCEDD - Toy & Technology Library
- The Carr Center - Equipment Lending Program

The Ohio Center for Autism and Low Incidence (OCALI) compiled the information for this document through a grant funded by the Ohio Developmental Disabilities Council under the Developmental Disabilities Assistance And Bill Of Rights Act.

A promotional poster for TechSummit 2022. The background is a solid teal color. On the right side, there is a profile photograph of a young child with light brown hair, wearing a black VR headset and looking upwards. The text on the left side of the poster is white. At the top, 'TECHSUMMIT' is written in large, bold, sans-serif capital letters. Below it, the year '2022' is displayed with each digit inside a light blue circle. To the right of the year, the phrase 'Embracing the future' is written in a smaller, white, sans-serif font. In the center, 'SAVE THE DATE' is written in large, bold, sans-serif capital letters. Below this, the date 'August 12, 2022' is shown. The venue information, 'Renaissance Columbus Westerville-Polaris Hotel' and '409 Altair Pkwy, Westerville, OH 43082', is listed. A vertical line separates two columns of text: 'Hear from families' and 'Hear from experts' on the left, and 'Explore technology Solutions' and 'Embrace the future' on the right. At the bottom left, the 'Assistive Technology of Ohio' logo is present, followed by the 'Ohio' logo and the 'Department of Developmental Disabilities' text. At the bottom right, the 'The Ohio State University' logo is shown, including the 'Nisonger Center' name. A URL, 'go.osu.edu/NisongerTech', is provided for more information.

TECHSUMMIT
2022 Embracing
the future
**SAVE
THE
DATE**
August 12, 2022
Renaissance Columbus Westerville-Polaris Hotel
409 Altair Pkwy, Westerville, OH 43082
Hear from families | Explore technology Solutions
Hear from experts | Embrace the future
Assistive Technology of Ohio **Ohio** | Department of
Developmental Disabilities
For the most up to date information visit: go.osu.edu/NisongerTech
THE OHIO STATE
UNIVERSITY
NISONGER CENTER

Assistive Technology of Ohio



Department of
Developmental Disabilities



THE OHIO STATE UNIVERSITY
NISONGER CENTER



Building a Technology Team

Would you like to see better tech success from your team or organizations? [Join](#) Gerald Bernard of the Charles Lea Center on May 26 from 10 AM - 11 AM. Attendees will walk through the process of creating a tech-forward team, the key to ensuring supportive tech success.



Ohio Tech Ambassador- In Person Event

[Join](#) the tech ambassadors, June 8, 2022, 12 PM - 3 PM for the Adams County Technology First Day at the Adams County Board of Job and Family Services (482 Rice Dr, West Union, OH).

Monthly Tech First Updates



Link: <https://dodd.ohio.gov/your-family/all-family-resources/Subscribe>

Community Life Engagement Team

WHO CAN I CONTACT?

This team is led by Stacy Collins. Should you have questions about the role and responsibilities of the Community Life Engagement Manager, please feel free to contact Stacy: Stacy.Collins@dodd.ohio.gov or 614-466-6612.

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Be the Light





Thank you for joining us today!

Please join us for an upcoming live chat on May 25, 2022 at 1:00pm.

The Community Life Team will be answering questions live regarding the Technology First Rule.

Please register for Technology First Live Chat on May 25, 2022, 1:00 PM EDT at:

<https://attendee.gotowebinar.com/register/7113983591210560523>