



Morphic

Because everyone should be able to use technologies

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Introduce a new tool for the field

First – introduce it's 3 major functions or capabilities

Then - talk about how these functions/capabilities can be used **individually** and **together**

- to address a wide range of problems/ needs of
- **people with disabilities**
- **and those who just are have trouble using computers**

In the process – **highlight what we believe is a major new problem**

- an **induced disability** – that we are creating with our increased reliance on computers



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During the discussion afterward

We will be asking you:

- What are the biggest challenges you see in using computers ?
- How might Morphic apply to your situation ?
- Which parts/capabilities would be helpful ?
- How could it be better for you – or those you work with ?




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Morphic - Is a new open-source extension to Mac and Windows Operating Systems

- 1. ALWAYS AND EVERYWHERE ACCESSIBILITY**
Allows people's **accessibility settings** – and even their **assistive technologies** – **to follow them, appearing on computers** they encounter and need to use (and disappearing when they leave)
- 2. EASIER DISCOVERY AND USE OF ACCESSIBILITY FEATURES**
Users can **much** more easily **discover** and **use** built-in accessibility features
- 3. ULTRA SIMPLE ACCESS**
Allows people to **create ULTRA simple 1-click experiences** for people who can't use computers today



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"Instant" setup of computers and AT

- Interns, New employees
- Crashed Computers
- Testing and evaluations sites


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Morphic saved my internship.

At my first internship, it took 3 weeks to get a computer set up with the AT I need. By then I was way behind my peers.


This time – with Morphic – it took 9 minutes. Done before I got back from the orientation talk.



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For the first time I took the test with AT like mine.

Morphic captured my AT and settings and then made the secure test computer work the same as my own!



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Access to Shared Computers



Schools, libraries, companies with hoteling
Rural, Reservations, low resource communities
And , with COVID-19, even Homes with <1 computer per person

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"I used to use the computer for email, and picture sharing, and even had a facebook group with my friends.

"But then one day I overheard the kids in the other room say "***Aw the computer is all messed up for gramma again.***"

"So I figured... I have had my time. This is their time. So I quit using the computer."




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Finally, I can use the computer at any library.


Before, only the computer in the resource room had AT.
Morphic now put the AT onto any computer I want to use.



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Now, my AT follows me to each loaner I get.

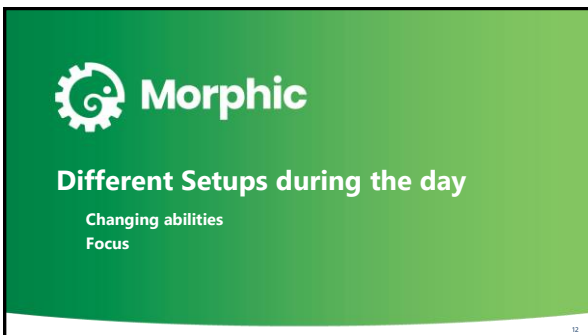
Morphic instantly installs my AT and settings on each computer the college loans me.




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Different Setups during the day

Changing abilities
Focus


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My abilities change during the day, so I need a computer that adapts.

Morphic lets me instantly change to the setups that match my needs at different times of day.

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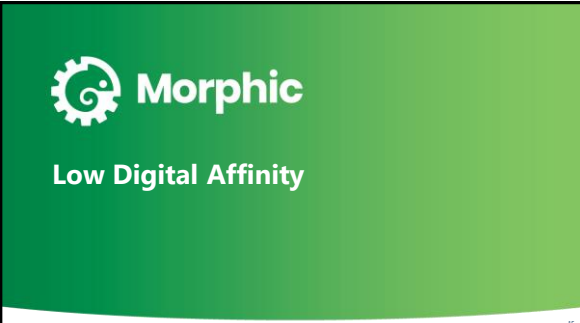
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Everything on the computer distracted me – email social media, calls, texts. I was constantly pulled away by one thing or another.

Morphic lets me instantly turn it all off – and then back on when I am done or need a break.

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Low Digital Affinity

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Digital Affinity

TQ ≠ IQ

People blazingly brighter – who can't use their technology...
...but I can

Not Digital illiteracy either




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Digital Literacy – is a skill

Digital *Affinity* – is a Talent

- Like singing
- Or athletics
- Or artists


Some are naturals
Some are OK
Some just can't do it at all



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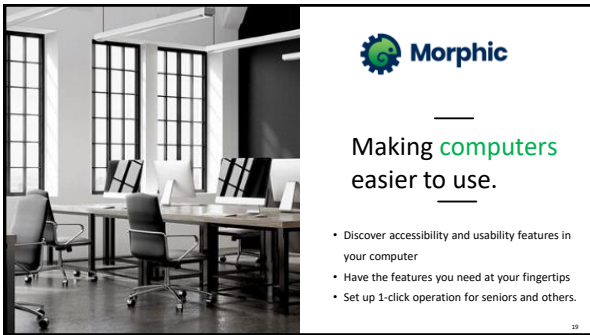
What comes naturally to us techies...

- Is hard for others –
- and out of reach for still others
- And what about the last 5% (that's 1 in 20)



- Low digital affinity more prevalent than expected
 - "I can use this one because I could yesterday"
 - "How do I find my resume"
 - Reverting to marker and red pen
 - "I am afraid I will break it"

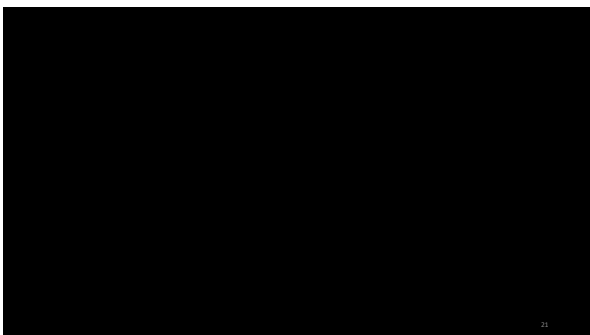
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People who just can't understand/use computers – but they need to


Elders – isolated at home (COVID-19 and before/after)
Employees who struggle quietly
Superstitious users: 'like I did it before' - then something changes

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Simplification Strategies

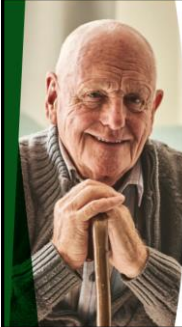
- 1. Ultra-simple 1-click environment**
- 2. Limited, but custom set of action & link buttons**
- 3. Buttons never disappear or change on the user**



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I like the idea of learning how to use a computer, but I have old eyes, and they make the text on screen to small for me.

I don't have a disability and don't want any special stuff. I just want a computer that I can understand – and can see.



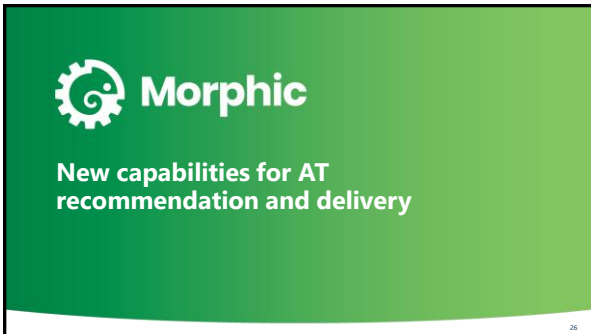
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New capabilities for AT recommendation and delivery

- 1. Evaluators have ALL AT available to them**
 - ...not just one or a few ... not just old ones they have or were give - but also newest
 - and can have many pre-programmed setups for diff types of clients
 - (Possibly also mainstream accessible tech?)
- 2. Users can try out new AT without risk**
 - Users can try out AT without risk and pay for it only if it works
- 3. Supports innovation.**
 - New players can get into market and be everywhere instantly
 - Compete based on value - rather than network or being 'old standby'.


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Vocational evals are so much easier and accurate now.

Morphic lets me test clients with the best setup for them and move any settings or AT I recommend back to their computer too.

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In summary Morphic will be able to:  **Morphic**


1. Expose features hidden in devices -- so they are known and used by those who need them -- by using a layered approach that brings the tips to the surface with links to the rest.
2. Make commonly used features (or even programs) be faster to get to -- or always shown
3. Allow a person's settings to follow them across devices and platforms
4. **Allow a person's assistive technologies to appear on any computer they need to use at school, library, work, -- anywhere**
5. Allow a person to instantly change between set-ups -- as they tire -- or for different tasks -- or to focus now and play later
6. **Allow a person to have new computer set up instantly -- at new internship, new job, after computer dies and is replaced, etc.**

Morphic is the ONLY way to do these two things

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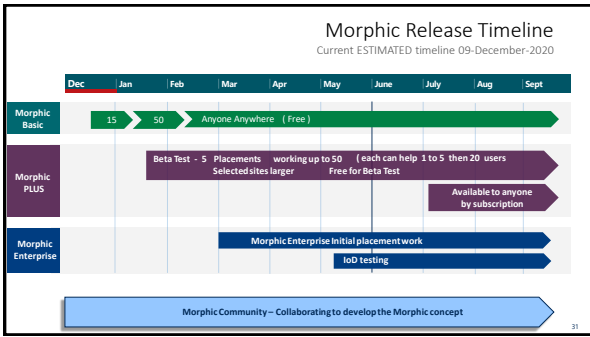


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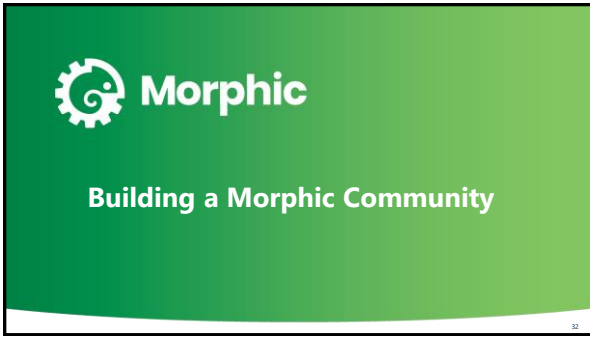
Timeline for Morphic

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Morphic Community

1. Anchored by Raising the Floor – a non-profit organization who will act as host.
2. Privacy overseen by RTF and an independent international "Privacy and Data Ethics Council" composed of Privacy experts and advocates.
3. Users - (who use Morpnic for themselves or for others)
4. Developers and thought leaders – who help to improve Morpnic and guide its development and use.

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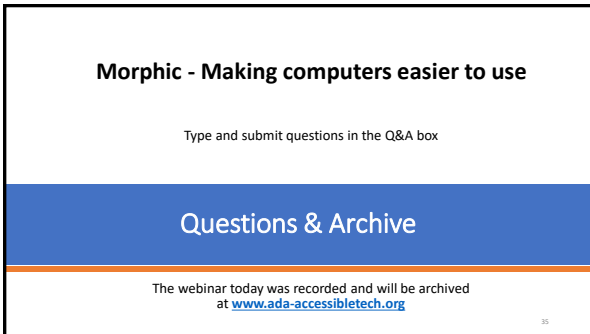
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Thank you

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Morphic - Making computers easier to use

Type and submit questions in the Q&A box

Questions & Archive

The webinar today was recorded and will be archived at www.ada-accessibletech.org

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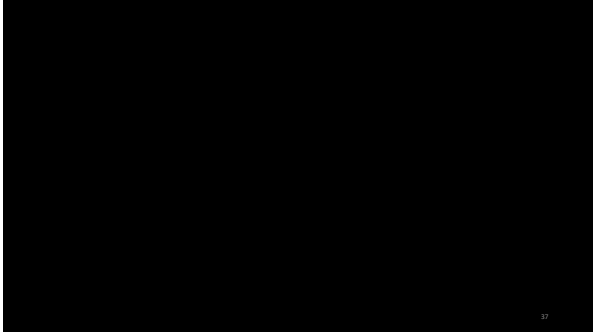
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