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ACCESSIBLE TECHNOLOGY WEBINAR SERIES

AT-on-Demand: Your Assistive Technology Instantly on Any Computer

July 20, 2023
A collaboration among:

Great Lakes  Center Southeast  Center

1

1


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The ADA National Network (ADANN)

The ADANN consists of 10 Regional ADA Centers

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Funded by the National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR).

2

2

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Presenter



Greg Vanderheiden
Professor
University of Maryland
Co-Founder Raising the Floor



3

3

Assistive Technology on Demand

Because everyone should be able to use technologies

Great Lakes ADA Webinar
19-July-2023

Gregg Vanderheiden Ph.D.
University of Maryland
and Raising the Floor - Us

4

Today

- 1) To introduce the concept of Digital Affinity
- 2) Brief intro to Morpic (which works with AToD)
- 3) AT on Demand - a new level of Digital Equity

5

Low Digital Affinity


6

Digital Affinity

≠ IQ

"There are people who are blazingly brighter than me
 – who can't use their technology...
 ...but I can"

Not Digital illiteracy either




7

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




8

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 still 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"



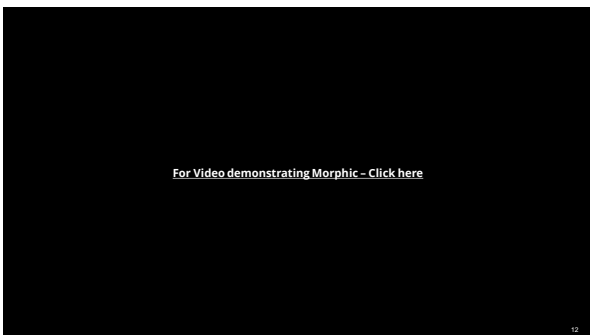
9



10



11



12




Morphic

2. Lets you Change setups instantly

- Changing abilities during the day
- Different tasks
- To focus


13

13



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.



Morphic

Morphic.org



14

14

"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 grandma again.***"

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

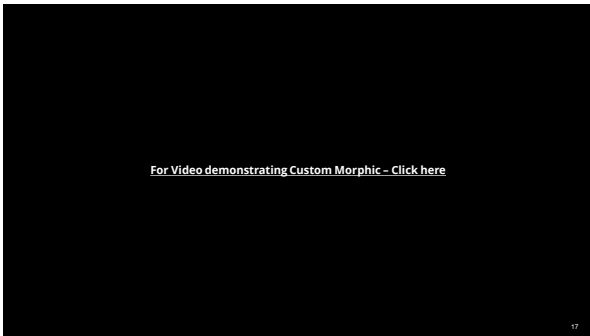
Morphic

15

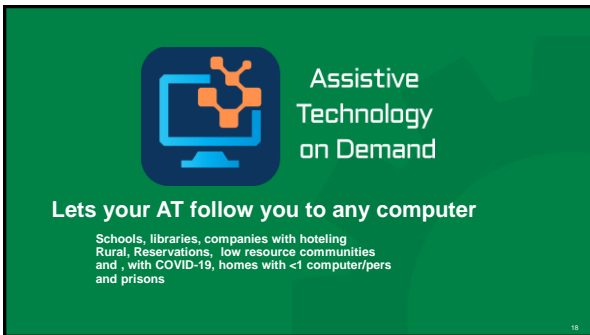
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16



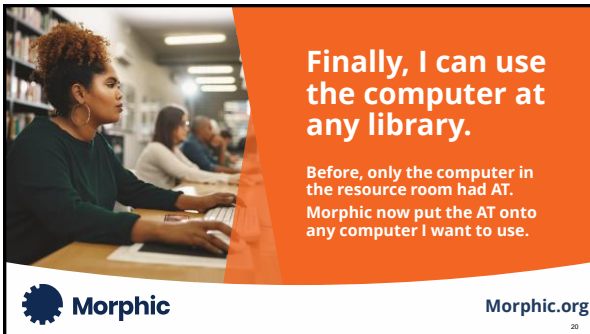
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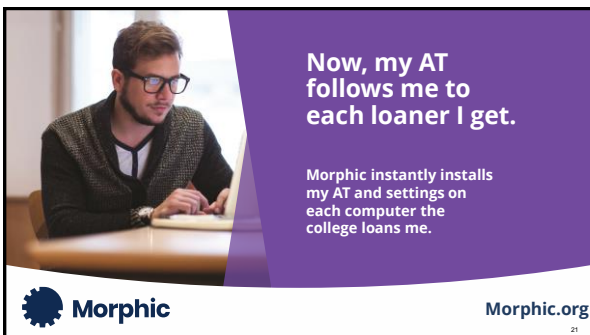
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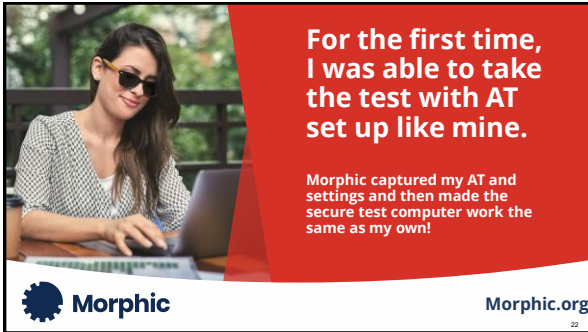
19



20




21



**For the first time,
I was able to take
the test with AT
set up like mine.**

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

 **Morphic** Morphic.org

22



 **Morphic**

**Lets a company (or Gov agency) set up their
computer for you - in minutes.**

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

23


23



**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.

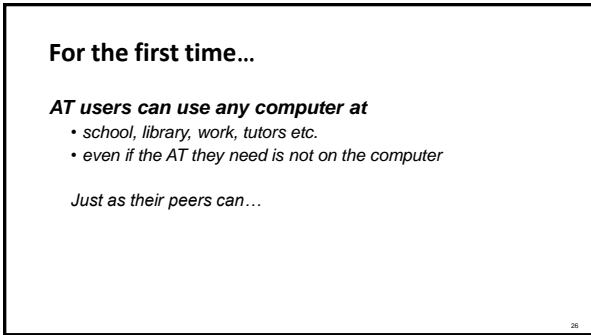
This time - with Morphic - it took 9 minutes. Done before I got back from the orientation talk.

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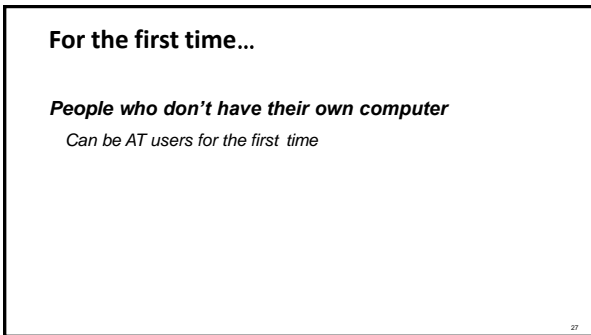
24



25



26



27

**Other ways AT on Demand
can bring AT user closer to
parity with their peers**

28

For the first time...

Interns or new hires

- *Can have company computer set up for them, in minutes*

If an AT user's computer fails them

- *A new computer can be set up for them – again in minutes*

Just as their peers can...


29

For the first time...

Institutions and their IT departments

- *Can have any AT available on any of their computers in any location*
- *Without the IT department having to install AT on any of them*

30




Morphic.org

Questions on Morpnic and AT-on-Demand ?

<https://morphic.org>

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31




Future of Interface

February 15-16, 2023

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Hosted by
Vint Cerf & Gregg Vanderheiden



A conference bringing together technology visionaries and creatives to
explore what interfaces might look like in 20 years -
 and how to make them accessible.

Virtual Event

32

Future of Interface Accessibility



<https://futureofinterface.org>

33

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34


34

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35

35


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36

36

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37

37

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38

38
