



EDITION 48

Editor's Desk

Dear friends,

Connect Special is four years old !!!

Thank you all for making this possible.

Celebrating this day with renewed commitment to spread news on assistive technology and creating awareness on inclusion .

Happy Reading!!

Regards,

Bhavna Botta

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Tech News

Meta Helmet for the blind

Designed by the Chinese organization CloudMinds.

It's a cycling helmet with sensors and cameras to map environs, sending information to a cloud server , processed by AI technology and the information is sent through speech to people with visual impairments .This helps to navigate streets, recognize objects and negotiate traffic lights and crossings.



Picture shows mannequin wearing Meta helmet.
Photograph: CloudMinds

I see for you

What Is Aira?

Aira calls itself a "visual interpreter for the blind," enabling users to explore the world in augmented ways using an eclectic and robust collection of technologies and services. The Aira service streams the view to an agent who tells the customer what is happening around them.

With GPS the agent can give directions. Aira agents can read print like menus, business cards, signs and handwritten notes through the smart glass video camera. They can even take photos for the user and e-mail them. Aira can help with tasks like shopping, homework, or to learn a new skill like origami

GlassOuse

A boon to people with restricted movements , GlassOuse uses 9-axis gyroscope to detect even the slightest head movements to move the cursor. It uses a Dwell software. Also allows clicking actions with suitable switch control



Picture shows
GlassOuse spectacles

Wizcomtech

Reading Pen 2 is a personal, portable, and powerful hand-held tech-tool that scans text and provides beginning readers with instant word definitions, spelling and pronunciation support .



Picture shows
scanner pen

Harmonica-Like Device

Jamboxx is a harmonica-like device that attaches to a computer and allows people with limited mobility to create music with their breath. Moving the mouthpiece left or right determines which note is played. The Jamboxx is an electric synthesizer that can play any instrument, including piano, saxophone, violin, and drums



The picture shows a person operating Jamboxx with mouth

Epihunter Classroom App makes silent epileptic seizures visible

Motor seizures are very visible by their muscle and body movements. Absence seizures - also called non-motor seizures or "petits-mals" - are much more difficult to notice for the outside observer. The person involved will simply stare, react in slow motion and stop movements. Seizures can last from a few seconds to several minutes. This makes it challenging for parents to report seizure frequency to medical professionals. Epihunter meets this challenge. Epihunter Classroom uses slim and nicely designed consumer headsets to send brain activity to a smart phone on the child's desk.



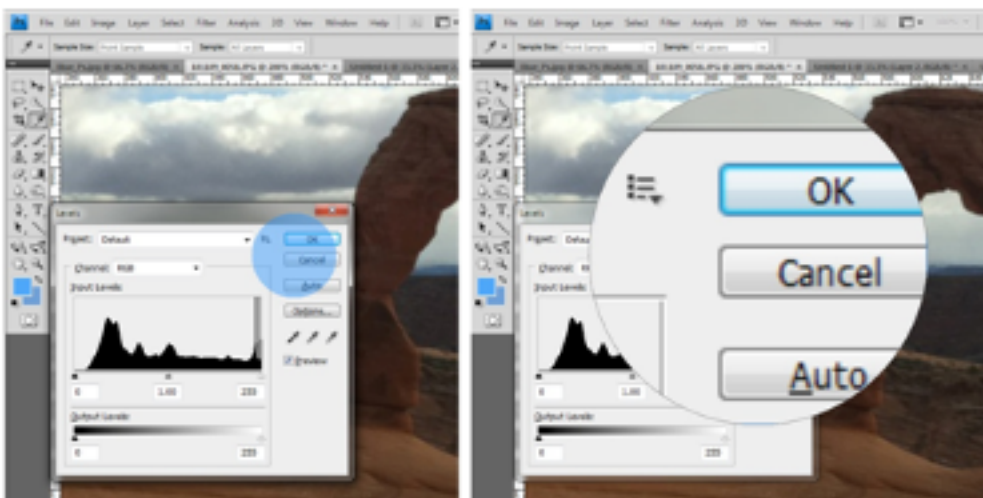
Ultra HAL Text-to-Speech Reader

The Ultra Hal Text-to-Speech Reader reads documents aloud. Users can from a variety of reading voices. The screen reader enables users to write copy and open text files. Press "Read All" to hear complete documents read aloud. Those with low vision can also read along. The application can also read what's copied to the clipboard and save the text as a WAV file, and read all Windows menus and dialog boxes.

This free program has a very plain interface that may not impress users with its looks, but will gain fans with its simplicity. A large, open white screen with pull-down menus along the top for File, Option, Format, Saving, and Printing options dominates the view. Along the right side are three sliders to control speed, pitch and volume, a time counter, and a link to download more realistic voices.

Pointing Magnifier

The Pointing Magnifier is a mouse-activated magnifying glass that enlarges a circular area on the computer monitor. The user first moves a virtual lens with the mouse over the area they wish to enlarge. They then put the cursor within the circle and click any mouse button. Everything inside the circle is magnified; the cursor is pinned in place. Any mouse action a user then takes within the magnified circle returns the Pointing Magnifier to its original size.



The picture shows computer screen with magnified images

Tanzi Speech Recognition Software

Tanzi speech recognition software enables users to run applications and browse the web using voice commands. Tanzi creates a voice profile for each user, enabling simultaneous use by multiple people. Training the program by reading texts increases efficiency.

Angle Mouse

The Angle Mouse improves the efficiency and ease of Windows mouse pointing for people with impaired motor skills. The application runs in the background. The Angle Mouse is "target-agnostic:" it continually adjusts the control-display (C-D) gain based on mouse movement. When the mouse moves straight, it moves quickly. But when the mouse corrects abruptly, often near targets, it slows down, making targets easier to reach.

MIIMALL 1000DPI 6-Button Ergonomic Optical USB Wired Vertical Mouse

Scientific Ergonomic Design, The Sharkk Ergonomic Vertical Wired Mouse provides healthy neutral forearms positions, enhances comfort, and minimizes strain. Easy-access use. Five buttons give you improved control over your computer's systems. Whether dragging and dropping, selecting large volumes of data, or casually gaming, this mouse provides a low-cost, effective solution for multiple computing needs

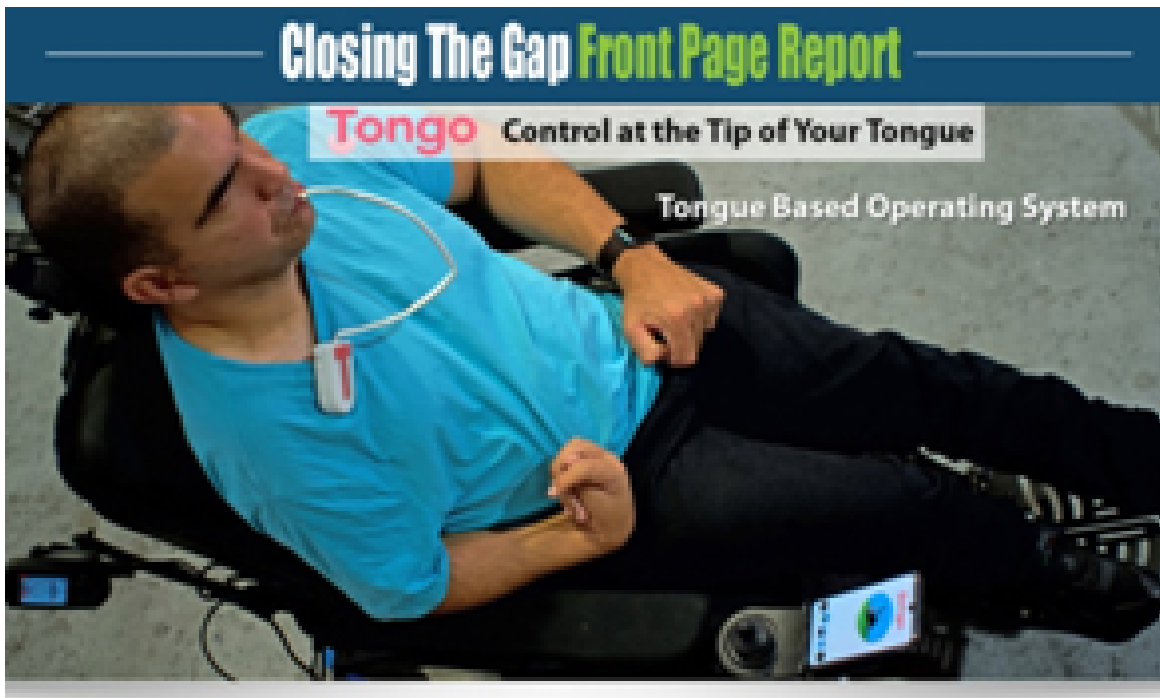


The picture shows the vertical mouse

Tongo - Control at the Tip of Your Tongue -Closing The Gap

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Picture shows a man on wheel chair using Tongue Based Operating System to access his mobile .

Tongo is the world's 1st tongue-based operating system, enabling users to control digital devices with their tongue .

Founded by award winning inventor and TED speaker Matan Berkowitz and bio-medical engineer Tal Parnass, Tongo's patent-pending Smart Brace wirelessly control smartphones, computers, wheelchairs & smart homes.

A tongue-computer interface has never been commercially available before: it's an entirely new, innovative market & space within the tech world.

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botta.bhavna@gmail.com