

## Mainstream Tech News February 2023

Welcome, Wireless RERC team! As part of an innovative team, it is important to be aware of how companies and organizations are improving and integrating Mainstream Wireless Tech.

### Wireless RERC Update(s):

#### Smart Speaker Project – Research Participants Wanted

The smart speaker project is now accepting volunteers to participate in focus groups to help our team learn about how people with disabilities use smart speakers and gather feedback on a voice hub we developed. The findings will help develop training materials and improve smart speaker functions. [Check out the flyer to learn more!](#)

#### Global Accessibility Reporting Initiative (GARI) Partnership

The Wireless RERC is excited to collaborate with GARI on mobile device accessibility. GARI has a user-friendly database to help consumers find mobile devices with accessibility features that fit their needs. Learn more on [GARI's website](#) or within the Wireless RERC's [Smartphones & Tablets External Resources](#).

#### Smart Tech Talk: Live with Lindsey

We are still accepting questions about Smartphones Access for our first live session of Smart Tech Talk: Live with Lindsey, Tuesday, March 17, at 7:30 PM EST. [Learn more about the series in our January newsletter](#). Submit your questions via our [questions form](#) or send them to [wirelessrerc@shrs.pitt.edu](mailto:wirelessrerc@shrs.pitt.edu).

#### Assistive Technology Industry Association (ATiA) Conference Recap

The Wireless RERC team presented three sessions at the ATiA 2023 Conference. Learn more about each presentation:

- [Application of a Service Delivery Model for Mainstream Smart Home Technology](#)
- [Unlocking my AAC to control my home](#)
- [Development of the Mobile Device Assessment Tool \(MODAT\)](#)



## Tech News:

**Josh.ai and ChatGPT Working Together** — Smart home voice assistant **Josh.ai** already offers many features but the possibilities become more limitless when exploring the potential of **ChatGPT's** generative AI to create more personal, conversational responses. Check out Josh.ai's and ChatGPT's **one-minute museum conversation video**, or their **four-minute advanced home AI demo video**.

**Samsung's SmartThings Station Review** — Compatible with both iOS and Android, this multifunctional hub is also a smart home button, device scanner for SmartThings Find, a Matter controller, and a Thread border router. It can also charge your smartphone and find your keys.

## Some Accessible Tech Exhibited at the ATiA 2023 Conference

**SmashToast PUCK** — A small wireless, battery-operated Bluetooth connector that bridges infrared devices to the free PUCK Remote App for iOS or Android. PUCK allows you to control any device with an infrared remote control such as TVs, DVDs, sound systems, and air conditioners via the app and/or with your voice.

**Control Bionics** — The NeuroNode from Control Bionics is a wearable control device that gives users the ability to access their computer, phone, tablet, and AAC devices by bioelectric EMG signals or spatial movements. **Watch a 2-minute video** to learn how the NeuroNode works.

**Cognixion ONE** — A wearable speech and Artificial Intelligence (AI) assistant device for communication, environment control, and more. Designed to help unlock speech and Augmented Reality (AR) for persons with communication disabilities. You can use Cognixion ONE's AR environment via head pointing, brain computer interface, or switch.

**Morphic** — Morphic is a software application that allows people to create shortcuts for computers. It provides one-click access to key built-in accessibility and usability features, and the ability to quickly and easily deploy the same settings on any computer at work, home, or school. It is **free to download**. **Assistive Technology on Demand (AToD)** is another product designed to help people who need common assistive technology software on any computer, at any place, at any time.



## What Do You Know About Matter—the New Smart Home Interoperability Standard?

A Matter controller onboards Matter devices to your home network via Wi-Fi or ethernet connection. Every major smart home platform has updated many of its existing smart home controllers with Matter support. Some controllers are also Thread border routers, one of the main protocols (mostly for battery-powered devices) Matter can run over.

**What Matter controllers that can also act as a Thread border router are available on the market now?**

### ✦ Apple Home

- [Apple TV 4K Wi-Fi + Ether, 2022 Version](#) (and Apple TV 4K 2021 version)
- [Apple HomePod \(second-gen\)](#)
- [Apple HomePod Mini](#)

### ✦ Google Home

- [Nest Hub \(second-gen\)](#)
- [Nest Hub Max](#)

### ✦ Samsung SmartThings

- [Aeotec SmartThings Smart Home Hub](#)
- [Samsung SmartThings Station](#)
- [Samsung SmartThings Hub v3](#)



**What Matter Devices are available to purchase now?**

- [Meross Matter Smart Wi-Fi Plug Mini](#)
- [Tapo P125M Mini Smart Wi-Fi Plug](#)

You can also read more about [Matter controllers and Matter Devices](#).

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