Tools for Life: Exploring Assistive Technology Strategies & Solutions

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With contributions from the Tools for Life Team and Network

Tools for Life
AMAC Accessibility Solutions and Research Center
College of Architecture | Georgia Institute of Technology

www.gatfl.gatech.edu
AMAC creates practical solutions that work, with a focus on utility, ease of use, and high quality.

- **Accessibility Consulting** focuses on organizational accessibility needs with evaluation, technical assistance, customer support, and website accessibility solutions.
- **Braille Services** produces customized projects from both print materials and electronic text including partial books and chapters or graphics only using cutting-edge technology.
- **Captioning Services** makes classrooms, meetings, labs and other audio environments fully accessible for deaf or hard-of-hearing.
- **Professional E-Text Producers** provide high-quality e-text in many formats such as PDF, DOC, DAISY, and HTML.
- **Certified Assistive Technology team** provides on-site and remote assessments, demonstrations, training and technical assistance for education, work, and daily living environments.

For more information, please visit our website at [www.amacusg.org](http://www.amacusg.org)
Tools for Life Mission

We’re here to help Georgians with disabilities gain access to and acquisition of assistive technology devices and assistive technology services so they can live, learn, work, and play independently in the communities of their choice.
Tools for Life & TFL Network

- TFL developed Georgia’s Plan for AT
- We serve individuals of all ages & all disabilities in Georgia
  - Over 50,000 thru various activities throughout the year
- TFL Network
  - Assistive Technology Resource Centers/Outreach Sites
  - Lending Libraries
  - Training and Demonstrations
  - AT Reuse
  - AT Funding Education and Resources
- Online Resources
  - www.gatfl.gatech.edu
The TFL Network is Growing!
Why Assistive Technology?

• For a person without a disability, technology makes things life easier.

• For a person with a disability, technology makes things life possible.
AT Helps!

• Assistive Technology strategies and solutions can help support those living with disabilities, the aging population and those who have difficulties with:
  – speaking
  – hearing
  – seeing
  – moving around
  – getting places
  – memory
  – cognition (thought processes and understanding)
  – daily living activities, such as dressing and preparing meals
  – socializing.
AT Funding Solutions

**Dollars & Sense**
• Web-based Funding Guide
• A resource for locating funding sources for AT devices and services.

**gTrade**
• Free resource for finding and exchanging assistive technology (AT) devices online
• Place an ad requesting items for sale, donation, or needed

**Credit Able, Georgia’s Alternative Financing Program**
• Purchase assistive technology equipment and services
TFL AT Demo Lab

- Tablets
- Vision & Hearing
- DME
- Communication
- Games
- Software
- Switches
- Keyboards
- More!
LED Handheld Magnifier

- Handheld
- LED light provides natural bright lights
- Easy storage
- Reading
- Sewing
Transformer

- Portable video magnifier
- Moveable camera to see items far away
- USB port connects to a laptop
- Great for those with low vision
- Change background colors
DXT Fingertip Vertical Wireless Mouse

- Ergonomic relaxed neutral wrist and hand position
- Precision grip for accurate navigation
  - Small muscles and joints of the fingers have higher processing abilities
- Instantly switch between right and left hand
Tobii Eye Mobile

- Hands free access to Windows 8 Tablets
- Navigate, communicate, play using your eyes
- Supports switch and touch inputs
- Small and Lightweight
Memory

- Reminder Rosie
  - Alarm Clock
  - Personal Voice Reminder
  - Easy to use

- MedCenter System
  - Organizer with Reminder System
  - Monthly display
  - Alarm
  - Talking
Medication Management

- Automatic medication dispenser
  - Holds 29 doses
  - Set up to 4 alarms per day

- Pillpac.com
  - Organized pills packaged by pharmacy
  - Sealed pouches for each day
  - Time stamped
  - Lessen medication errors

![Automatic medication dispenser](image1)
![Pillpac.com](image2)
Bestic Feeder

• Bestic can best be described as a small, robotic arm with a spoon in the end that can easily be maneuvered.

• Bestic is small and compact, has an attractive, discreet design and is very quiet which makes it blend into the dining environment in a natural way.

• By choosing a suitable control device, the user can independently control the movement of the spoon on the plate and choose what and when to eat.
Amazon Echo

- Speech-controlled speaker system
- Voice recognition - further distances
- All functions are server side
- Compatible with many EC Brands
- $179.99
Google Now

Introducing Google Now

The right information at just the right time

From knowing the weather before you start your day, to planning the best route to avoid traffic, or even checking your favorite team's score while they're playing, Google Now brings you the information you want, when you need it.

Assistance around the clock
VGo Telepresence Robot

• Enables a person to replicate themselves in a distant location and have the freedom to move around as if they were physically there
• Reduces travel costs
• School
• Hospital
• Work from home
TFL AppFinder

Search by:

- ✔ App Name
- ✔ Categories
  - Book
  - Education
  - Environmental Adaptations
  - Hearing
  - Cognition, Learning, Developmental
  - Navigation
  - Personal Care and Safety
  - Productivity
  - Communication
  - Therapeutic Aids
  - Vision
Locabulary

- Uses GPS to track user location and suggests appropriate vocabulary based on location — ie: McDonald’s, Starbucks
- A keyboard to type for text-to-speech
- User can tag their own locations and create vocabulary for each location
- Lite version Free; Pro version $130
EyeNote

- Uses built in camera to scan dollar bills
- Speaks out loud
  - Distinguished btw front and back of bill
- Free
- Supports English and Spanish
- Privacy mode
  - Pulses or beeps
Cozi

• Free
• You can access from a computer, smartphone or tablet
• Manage a family calendar and set reminders.
  – Add an appointment and it uploads to your Cozi account so everyone can see it.
• Get your grocery shopping lists when you're at the store, even when offline.
• Add a to do list item right when you think of it and have it right there in your pocket to remind yourself.
• Jot down a memory as it happens in the journal.
  – Add a photo from your library to capture the moment.
• Add and edit non-repeating calendar appointments, shopping lists, and to do lists while offline.
Grocery IQ

- Pictorial shopping list
- Customize different lists for different users using pictures on camera roll
- Add your own items and categories
- Assign item prices
- Assign item locations (for example, aisle numbers)
- Several accessibility options
  - text-to-speech
  - uses large easy-to-see images
  - item prices automatically totaled
- $4.99
MyMedSchedule

- Keep track of medication
- Reminders
- Refill Reminders
- Healthcare Provider Profiles
- Insurance Information
- Allergies
- Works across Platforms
- Free
- www.mymedschedule.com
ICE - In Case of Emergency

- Emergency contact list
- Central place for you to record any medications
- List allergies or medical conditions
- Pre-loaded medical information to choose from
- Free

www.ice-app.net
Our Question to You:
What have You Learned today?