

Improving Independence Through the Use of Assistive Technology

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www.gatfl.gatfl.edu

GSU Rehab
Nov 12, 2014



www.amacusg.org

Hope

Hope begins in the dark, the stubborn hope that if you just show up and try to do the right thing, the dawn will come.

Anne Lamott

AMAC

AMAC Accessibility is a social change organization on a mission to create affordable services for governmental, private and non-profits organization working with individuals with disabilities. Services include e-text, braille, captioning, assistive technology, office management software and consulting.





Accessibility Made Smart

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



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.

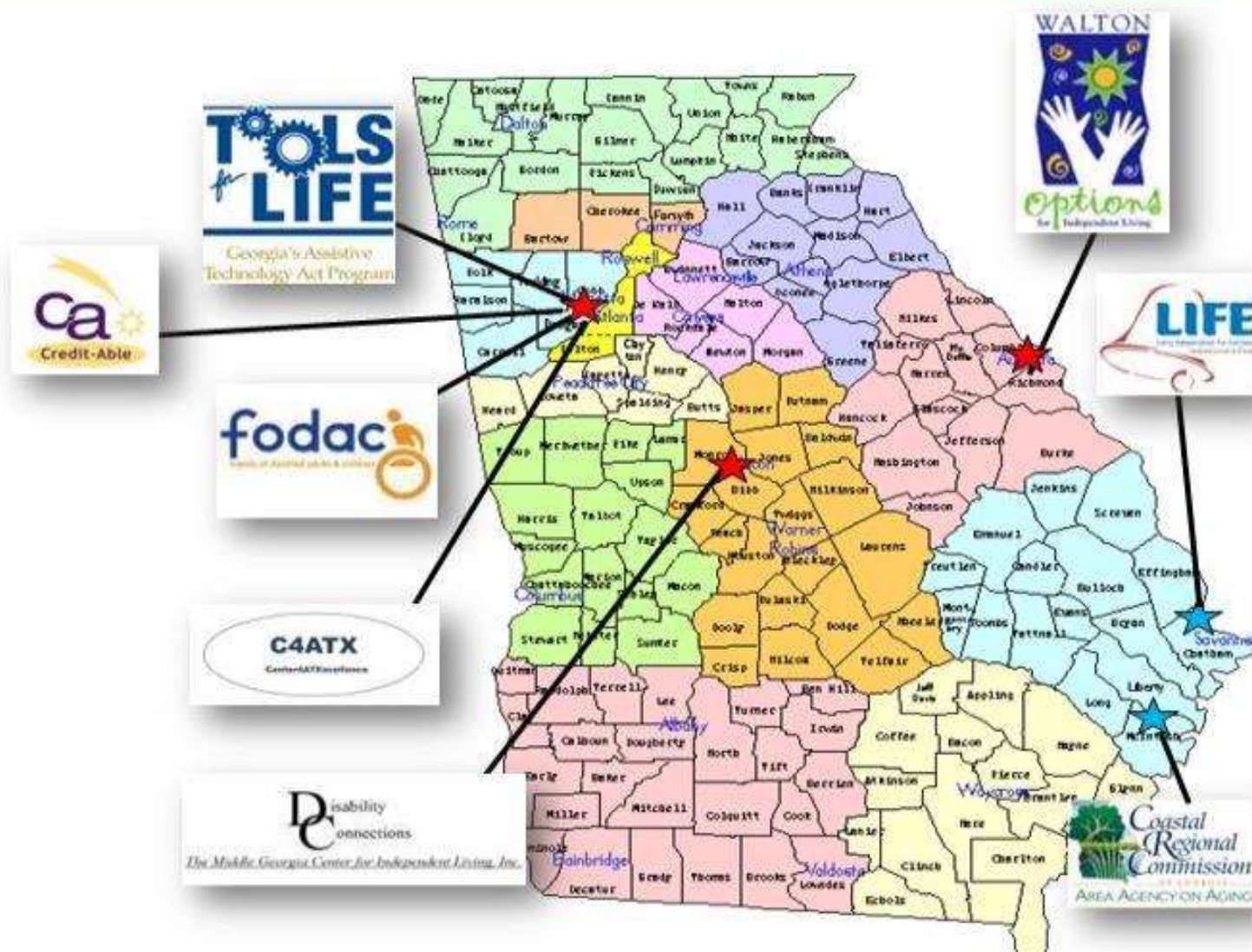


Tools for Life

Georgia's Federal AT Act Program

- **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
 - Lending Libraries
 - Training and Demonstrations
 - AT Reuse
 - AT Funding Education/Assistance and Resources
- **Online Resources**
 - www.gatfl.org - 5,000 unique visitors a month

Tools for Life Network



Assistive Technology

- Assistive Technology (AT) is any item or piece of equipment that is used to increase, maintain or improve the functional capabilities of individuals with disabilities in all aspects of life, including at school, at work, at home and in the community.
- Assistive Technology ranges from low tech to high tech devices or equipment.



TRAINING

FUNDING

PUBLICATIONS

TFL WIKI

MEET THE TFL TEAM

MEET THE
ADVISORY COUNCIL

DIRECTIONS/MAP

JOIN OUR
MAILING LIST

SCHEDULE A TOUR

Welcome

AT Services

Try AT

Get AT

AT Guides

Research



Welcome to Tools for Life

Tools for Life, Georgia's Assistive Technology Act Program, is dedicated to increasing access to and acquisition of assistive technology (AT) devices and services for Georgians of all ages and disabilities so they can live, learn, work and play independently and with greater freedom in communities of their choice.

Tools for Life and the TFL Network work collaboratively together to accomplish our mission through:

2014 GATE SEMINAR

DEC
5

Georgia Tech Student Center

WEBINARS

OCT
29

[Lighting the Path: A Guided Discussion on AT for Dementia](#)

NOV
6

[Unlocking Communication in the Severely Impaired Child](#)

- Current Webinar Schedule
- Webinar Archives

TOOLS FOR LIFE APPFINDER



...for Living, Learning, Working, and Playing.

AT ONLINE EXCHANGE



AT FUNDING GUIDE

DOLLARS & SENSE
NAVIGATING THE AT FUNDING STREAM



Join us for Upcoming Webinars and Visit our Archives!

Tools for Life Online Professional Development

- Tools for Life offers online professional development to help you learn more about assistive technology strategies and solutions as well as the most recent information on AT devices and disability related issues and trends. Webinar content and materials are developed and presented by one of the Tools for Life team members along with other regional and national leaders in the assistive technology community.
- TFL presents live webinars on the last Wednesday of every month from 2:00 PM to 3:30 PM EST, unless otherwise noted.

Sign up for the TFL mailing list visit www.gatfl.gatech.edu



Direct AT Service Activities



- Web-based Funding Guide
- A resource for locating funding sources for AT devices and services. This guide was developed to make the funding process easier and to assist consumers in getting the assistive technology they need.
- New resources added frequently!

Dollars & Sense Funding Guide

FEEDBACK | DICTIONARY | CONTACT US | REGISTER

DOLLARS & SENSE

NAVIGATING THE AT FUNDING STREAM



- HOME
- GETTING STARTED
- FUNDING SERVICES AND SERVICE PROVIDERS
- SAMPLE MATERIALS
- AT RESOURCE CENTER



CLICK HERE TO GET STARTED
OR CALL 800-497-8665

Dollars & Sense: Getting Started

FEEDBACK | DICTIONARY | CONTACT US | REGISTER

DOLLARS & SENSE

NAVIGATING THE AT FUNDING STREAM


[HOME](#)
[GETTING STARTED](#)
[FUNDING SERVICES AND SERVICE PROVIDERS](#)
[SAMPLE MATERIALS](#)
[AT RESOURCE CENTER](#)
[LOGIN](#)

Getting Started

[What is Dollars and Sense? How do I use it?](#)
Learn about the key features of the Dollars & Sense Funding Guide and how to use it to find assistive technology funding sources and service providers

[What is assistive technology?](#)
Learn about what assistive technology is, including the different types of assistive technology that are available

[How can I learn more about assistive technology?](#)
Find out about Internet resources for learning more about assistive technology; includes links to key Web sites



TOOLS
for LIFE
Georgia's Assistive
Technology Act Program

Dollars & Sense: Search

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DOLLARS & SENSE

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[HOME](#)

[GETTING STARTED](#)

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Search sources

Filter list by:

Age group served:

Geographic Areas Served

Serves People with the Following Disabilities

Type of Funding Provided

Types of Services Provided

Results
Showing 1 to 100 of 238 entries entries

Organization	City	State
AAPD-American Association of People with Disabilities	Washington	DC
Access Home Design LLC	Bremen	GA
Access of the Chattahoochee Valley Inc.	Columbus	GA
Accord Services	Marietta	GA
Alisa K Adams Consultants LLC	Atlanta	GA
All About Developmental Disabilities	Atlanta	GA
American Cancer Society - Georgia (Southeast) Division	Atlanta	GA
American Council of the Blind	Arlington	VA
American Parkinson Disease Association - Atlanta Chapter	Atlanta	GA
American Printing House for the Blind Inc.	Louisville	KY
AMS Vane	Norcross	GA

Dollars & Sense: AT Terms

[FEEDBACK](#) | [DICTIONARY](#) | [CONTACT US](#) | [REGISTER](#)

DOLLARS & SENSE

NAVIGATING THE AT FUNDING STREAM

[HOME](#)

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SERVICES
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SERVICE
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RESOURCE
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Dictionary of key assistive technology terms

Advocacy: Writing, speaking, or assisting in support of a consumer.

Assessment: A professional opinion with regard to the types of aids, equipment, or other services within the field of assistive technology that might improve an individual's level of functioning.

Assistive technology device: As defined by ATP: Devices that help individuals with disabilities to function more independently; devices may include wheelchairs, communication devices, environmental controls, etc.

As related to special education: Any item, piece of equipment, or product system, whether purchased off-the-shelf, modified, or customized, that is used to increase, maintain, or improve the functional capabilities of children with disabilities.

Assistive technology service: Services include selecting, getting, or using assistive technology devices. This may include evaluation, customization, repair, maintenance, and training on how to use the device.

Augmentative and alternative communication: Also known as AAC; AAC devices are defined as electronic or non-electronic aids, devices, or systems that assist an individual to overcome, or reduce to the maximum degree possible, the communication limitations that preclude or interfere with meaningful participation in current and projected daily activities. Meaningful participation means effective and efficient communication of messages in any form the person chooses.

Consumer driven: People with disabilities are the decision-makers in the design, implementation, and evaluation of services and devices.

Durable medical equipment: Equipment that is most often used to serve a medical purpose, withstands repeated use, and is something that can be used in the consumer's home.

Encoding: A selection technique used to specify items from an individual's vocabulary. For example, an individual may select DW on a communication device to say "I want a drink of water."

Environmental control unit (ECU): A system that enables individuals to control various devices in their environment with single or multiple switches. The control unit may be mounted on a wheelchair for ease of access. Devices that can be operated with ECUs include lights, door openers, televisions, and telephones.



Direct AT Services



gTRADE

Georgia's Assistive Technology Equipment Exchange Program

- FREE resource for finding and exchanging assistive technology (AT) devices online
- Place an ad requesting items for sale, donation, or needed
- gTRADE and Tools for Life encourages members to offer AT devices and information for sale or by donation to others who may benefit from using technology and equipment no longer in need by others
- This online equipment exchange program was developed to make to make AT devices and services available and accessible to Georgians with disabilities
- www.gtradeonline.org



- [Home](#)
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- [Register](#)
- [Login](#)
- [View Items](#)
- [On Your Mind](#)

Items Listed as Available on Gtrade

Filter list by:

Category: Posted: Type:

- All Categories
- Computers & Related
- Daily Living Aids
- Environmental Adaptations
- Hearing
- Learning, Cognitive, & Developmental
- Mobility/ Seating & Positioning
- Other
- Recreation, Sports, & Leisure
- Speech Communication
- Vehicle Modification & Transportation
- Vision

Click on the

Display 1 -

Previous Page

Display records per page:

ID	Cate		Price	Location
42	Vision	PACMate	\$ 300	Albany, GA
46	Vision	MeastroTrekker GPS		Albany, GA
47	Vision	ZoomText 9.0 Magnifier/reader	\$ 400	Albany, GA
48	Vision	AMIGO	\$ 600	Ellijay, GA
56	Daily Living Aids	Accessible sink with chrome faucet	\$ 250	Marietta, GA

Display 1 - 5 of 10

[Previous Page](#) [Next Page](#)



Georgia's Alternative Financing Program for Assistive Technology



Credit-Able Program Criteria

To receive a Credit-Able Loan you must be:

- A resident of Georgia

AND

- An **individual** with a disability

OR

- A **family member** or legal guardian of an individual with a disability

OR

- An **employer** of an individual with a disability
- Able to pay back the loan
- Using the loan to buy assistive technology equipment and services

Range of Loans, Terms, and Interest Rates

- Range of Loans Approved: **\$250 to \$55,000**
- Length of Loans Approved: **6 months to 8 Yrs**
- Interest Rates: **5.0 % - 9 %**

Friends of Disabled Adults and Children

- FODAC is a statewide provider of Durable medical equipment through donations and reuse.
- FODAC's programs include:
 - Durable medical equipment - wheelchairs and mobility aids
 - Ramps for Champs – home access ramps and modifications
 - ReMount – wheelchair and scooter lifts for vehicles
 - Disposable medical equipment – catheters, braces, liquid nutrition, etc.
 - www.fodac.org

Making the Connection

Who are We Serving

- Over 54,000,000 individuals in the United States have disabilities that affect their ability to:
 - see
 - hear
 - communicate
 - reason
 - walk
 - perform other basic life functions

Public Law 108-364

Guiding Principle

- DisAbility is a natural part of the human experience and in no way diminishes the right of individuals to:
 - (A) live independently;
 - (B) enjoy self-determination and make choices;
 - (C) benefit from an education;
 - (D) pursue meaningful careers; and
 - (E) enjoy full inclusion and integration in the economic, political, social, cultural, and educational mainstream of society in the United States.

The Stats

- People with disabilities are the largest minority group in America.
- This group cuts across racial, ethnic, religious, gender and age boundaries.
- Anyone can become a member of this minority group at any time.



Value-Laden Language

What does the word
"Handicapped"
mean?

Understanding Value-Laden Language

- "Handicapped" is an archaic term (it's no longer used in any federal legislation) that evokes negative images of pity, fear, and more.
- A legendary origin of the "H-word" refers to a person with a disAbility begging with his "cap in his hand."

Why Assistive Technology?

- For a person without a disability, technology makes things easier.
- For a person with a disability, technology makes things possible.



Staying off the FAST Track!

- ✓ **Frustration**
- ✓ **Anxiety**
- ✓ **Stress**
- ✓ **Tension**

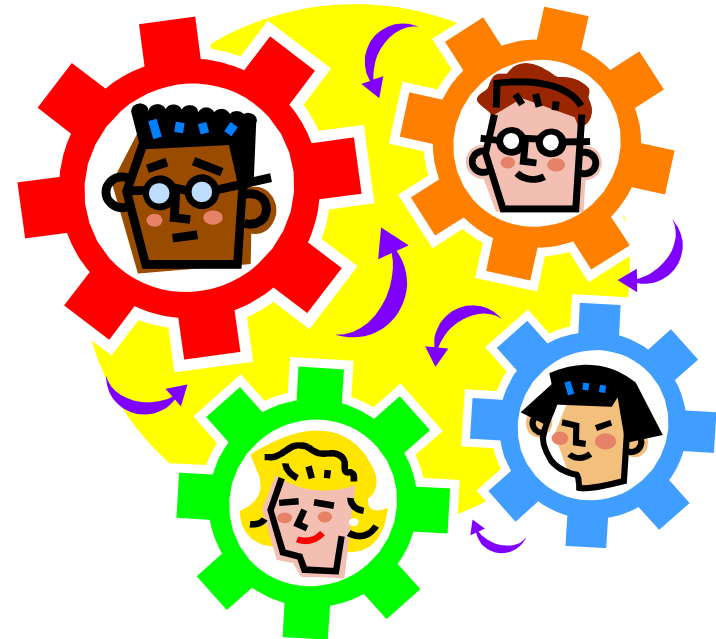
Multidisciplinary Evaluation

HATT/SETT Framework

- Identify **human/student** needs
- Determine **activity/environmental** demands and resources
- Define the **tasks** that the student must perform
- Recommend **tools**, technology, or techniques that will address needs

SETT – Joy Zabala

QIAT/HATT – Cook & Hussey





Assistive Technology Services

- Any service that directly assists an individual with a disability in the selection, acquisition, or use of an assistive technology device.
- Includes:
 - Evaluating
 - Providing devices
 - Selecting, Designing, Customizing
 - Maintaining, Repairing
 - Coordinating
 - Training/Technical Assistance –student, family and school service providers
- Public Law 105-394 [29 USC 2201]



Effective AT Assessment

- Uses a feature-match approach
- Incorporates on-going educational/life planning
- Hanging out with Intent
- Targets natural environments
- Utilizes the competencies of multiple team member
- Demands meaningful follow-through



Assistive Technology Matching: A Team Approach

- ✓ The Person with the disAbility
- ✓ Circle of Support – Family of Choice
- ✓ Case Managers
- ✓ Technologist
- ✓ Occupational Therapist
- ✓ Speech & Language Pathologist
- ✓ Physical Therapist
- ✓ Engineer

Tracking Trends

iOS 8 is Here: Typing made Easier



iOS 8 Preview

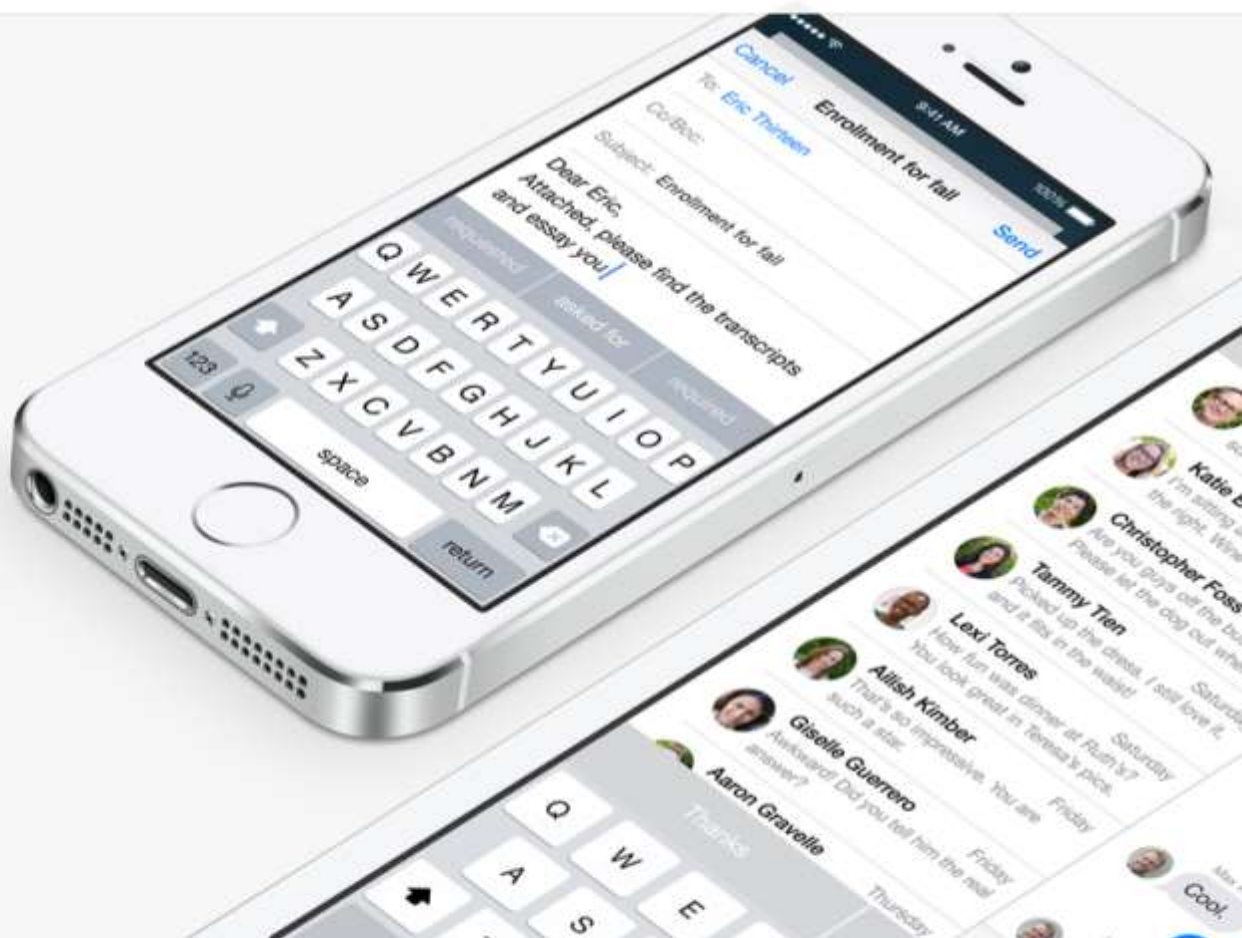
What's New ▾



Our smartest
keyboard ever.

iOS 8 makes typing easier by suggesting contextually appropriate words to complete your sentences. It even recognizes to whom you're typing and whether you're in Mail or Messages. Because your tone in an email may be different from your tone in a message.

[Learn more >](#)



iOS 8 is Here: Access made Easier



iOS 8 Preview



iCloud Drive.
Any kind of file.
On all your devices.

The good news: You can work on any file, anywhere. The bad news: You can work on any file, anywhere. That includes presentations, PDFs, images, and more — right from iCloud. On whichever device you're using, including your Mac or PC.

[Learn more >](#)





iOS 8 is Here: Tracking Health made Easier


The screenshot shows a web browser window displaying the Apple website's iOS 8 Preview page. The browser's address bar shows the URL <http://www.apple.com/ios/ios8/> and the title "Apple - iOS 8 - Overview". The page features a large image of two iPhones. The left iPhone displays the Health app's "Dashboard" with a "Calories Burned" widget showing 467cal today and a line graph. The right iPhone displays a similar widget. To the left of the iPhones, there is a red heart icon in a white square, followed by the text "Health. An entirely new way to use your health and fitness information." Below this, a paragraph explains that health and fitness apps can now talk to each other. A "Learn more >" link is at the bottom left. The browser's taskbar at the bottom shows various application icons, and the system clock in the bottom right corner indicates 6:59 PM on 6/11/2014.

http://www.apple.com/ios/ios8/ Apple - iOS 8 - Overview

File Edit View Favorites Tools Help

iOS 8 Preview


What's New ▾



Health.
An entirely new way
to use your health and
fitness information.

Now your activity tracker, heart rate monitor, and other health and fitness apps can talk to each other. Which means they'll be able to work even harder for you. And all the information is accessible in one easy-to-read dashboard.

[Learn more >](#)



9:41 AM 100%

Dashboard

Calories Burned 467cal Today 743

Daily Avg: 428

136 June 2

May 5 12 19 26

Sleep 7h 29m Last Night

9:41 AM 100%

Calories Burned 467cal Today 743

136 June 2

May 5 12 19 26

6:59 PM 6/11/2014





Georgia Institute of Technology

Human Factors & Aging Laboratory

*We are able to implement various methodologies
to address many types of research questions -*

Tracy Mitzner

[Overview](#)[Projects](#)[Opportunities](#)[Publications](#)[People](#)[Photos](#)[News](#)[Links](#)[Contact Us](#)

Points of Excellence

- Our research advances both science and practice
- We aim to improve quality of life for adults of all ages
- Students graduating from our lab are very successful

Resources

 [Senior-to-Senior Brochure](#)

Overview of the Human Factors and Aging Laboratory



[Increase/Decrease Font Size](#)

A⁺ A⁻

[Participant Information \(PDF\)](#)



[Older Adults](#)



[Younger Adults](#)

News



Georgia Institute of Technology

Human Factors & Aging Laboratory

We maintain a basic theoretical grounding while solving applied problems. - Andrew Mayer, Alumnus.

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Projects

Healthcare

[Keeping Older Adults Healthy in Senior Living Communities](#)[Understanding Use Errors for Medical Devices](#)[Understanding Older Adults' Memory Issues in the Home](#)[Gist Memory Project](#)[Age-Related Differences in Fraction Comparison](#)[Human Factors Issues of Home Health Care Providers](#)[Pain Management Among Older Adults](#)

Below is a list of current projects in the HFA lab. To view a list of past or completed projects, please visit our [archived projects page](#).

Healthcare



Identifying Strategies to Keep Older Adults Healthy in Senior Living Communities

Contact Person: [Sara McBride](#)

Many older adults choose to make the transition into senior living

communities, such as independent living or assisted living. We are interested in understanding the types of strategies used and decisions made by staff in these types of communities that are aimed at supporting residents' health. By identifying these processes, we may be able to improve training or design decision support systems that could facilitate portions of the decision making process.

Increase/Decrease Font Size:

A⁺ A⁻

Participant Information (PDF):

[Older Adults](#)[Younger Adults](#)

Presentation 2: Human-Robot Interaction: The Potential to Support Successful Aging



Philips iCat

There is much potential for robots to support older adults in their goal of independent aging. However, for human-robot interactions to be successful, the robots must be designed with user needs in mind.

In the Human Factors and Aging Laboratory, Roger's lab is conducting research in the nascent field of older adult-robot interactions. In this presentation, Rogers

will provide an overview of the needs, capabilities, preferences, and limitations of older adults. She will then discuss our current and planned research on the design of robots to support older adults and health care providers. Our focus is on understanding the interactions among user characteristics, robot characteristics, and the context of the interactions (e.g., task demands).



GATSBI-Georgia Tech Service Bot with Interactive Intelligence

Presentation 3: Aware Home Technology to Support Aging-in-Place

Imagine if your home were “aware” of your activities so that it might help you remember what it was you went into the kitchen for or whether the visitor at the front door is someone you know or even what the proper procedure is for performing a recently learned home medical procedure. An aware home is not from the world of science fiction—it is within the realm of science. Such technological developments have the potential to enable older adults to maintain their functional independence and to “age-in-place.” They also have the potential to support families caring for children with developmental disabilities or individuals recovering from illness or injury. An innovative research program at Georgia Institute of Technology is focused on developing psychological and computer science to support home activities.

Aware Home at Georgia Tech



The presentation will include examples of health care technology, communication technology, and memory supports. These examples demonstrate the complexity of the issues involved in designing the computationally capable home of the future and provide direction for future research and development efforts.

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





Introducing Beam

The premier remote presence solution.

[Get Beam](#)



Working with GTRI

Government Solutions
Industry Solutions
Professional Education
Contract Vehicles
Ethics & Compliance

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By Research Area
By Customer
By Location

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Interdisciplinary Research
Centers
Field Offices
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GTRI in the News
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GTRI FACTS

Established 1934
21 locations
in the US
and Ireland

75 years of experience
1600+ people

QUICKLINKS

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- [All Case Studies](#)

[Industry Solutions](#) > [Health & Human Systems](#) > [Product Testing Network: Georgia Tech Launches HomeLab to Help](#)



Product Testing Network: Georgia Tech Launches HomeLab to Help Companies Evaluate In-Home Use of Emerging...

CASE STUDY

Product Testing Network: Georgia Tech Launches HomeLab to Help Companies Evaluate In-Home Use of Emerging Health Technologies

Baby boomers have witnessed many technological innovations, and they expect technology to provide them with solutions to help maintain their independence for as long as possible. They are outfitting their homes with products to help them live healthy lifestyles, manage chronic conditions, remember to take medications and remain connected with their caregivers.

To help companies evaluate baby boomers' perceptions, use and acceptance of home health and wellness technologies, the Georgia Institute of Technology has launched HomeLab. HomeLab is a statewide network of adults 50 years of age and older recruited to evaluate the in-home usability and effectiveness of consumer products designed for the aging adult population.

HomeLab currently consists of 100 homes distributed throughout the state of Georgia; the network is expected to grow to 150 homes later this year and 550 homes by 2014.





HEALTH

SHARE COMMENT

MIT Finger Device Reads to the Blind in Real Time



By RODRIQUE NGOWI
Associated Press

JULY 3, 2014 1:24 AM

In this Thursday, June 26, 2014 photo, a model wears a FingerReader ring at the Massachusetts Institute of Technology's Media Lab in Cambridge, Mass. Researchers designed and developed the instrument, which enables people with visual disabilities to read text printed on paper or electronic devices. (AP Photo/Stephan Savola) AP

Google Glass

- Wearable Technology
- Bluetooth Connection
- Navigate
- Make a Call
- Send a Message
- Take a Picture or Video
- Get the News
- Search
- Google Play Music
- Google Now
- Be Social
- Internal Compass
- \$1500



Environmental Controls

<http://getvera.com/controllers/veralite/>



HOME

PRODUCTS

APPS

ABOUT US

BLOG

SUPPORT

BUY

CONTROL

How It Works →

VeraLite

Smart Home Controller

Home / Controllers / VeraLite

Description

Features & Specs

Warranty & Support

YOUR NEW ASSISTANT

HOME CONTROL DOESN'T HAVE TO BE COMPLICATED OR EXPENSIVE, SO WE CAME UP WITH THE VERALITE SMART CONTROLLER, WHICH IS SIMPLE AND INEXPENSIVE. IT MAY BE SMALL, BUT IT'S CAPABLE OF BIG THINGS!

- Easily manages up to 70 devices
- Plug and play with your Internet connection
- Controls over 750 smart products of all kinds
- Custom text and email alerts for any situation



VeraLite gives you easy control over lights, cameras, thermostats, door locks, alarm systems and more. Plus you easily can add intelligence to almost anything electronic in your home, and VeraLite can control them too. All the smart home benefits you've been looking for are right here in this easy, inexpensive add-on to your home network.

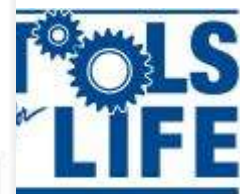


AN AMAZING AMOUNT OF SMART TECHNOLOGY THAT FITS IN THE PALM OF YOUR HAND.

VeraLite gives you easy control over lights, cameras, thermostats, door locks, alarm systems and more.

ONLY \$179.95

WHAT'S IN THE BOX



Georgia's Assistive
Technology Act Program

Tasker



Tasker is a phone automation application that allows you to really unleash your android device's capabilities.

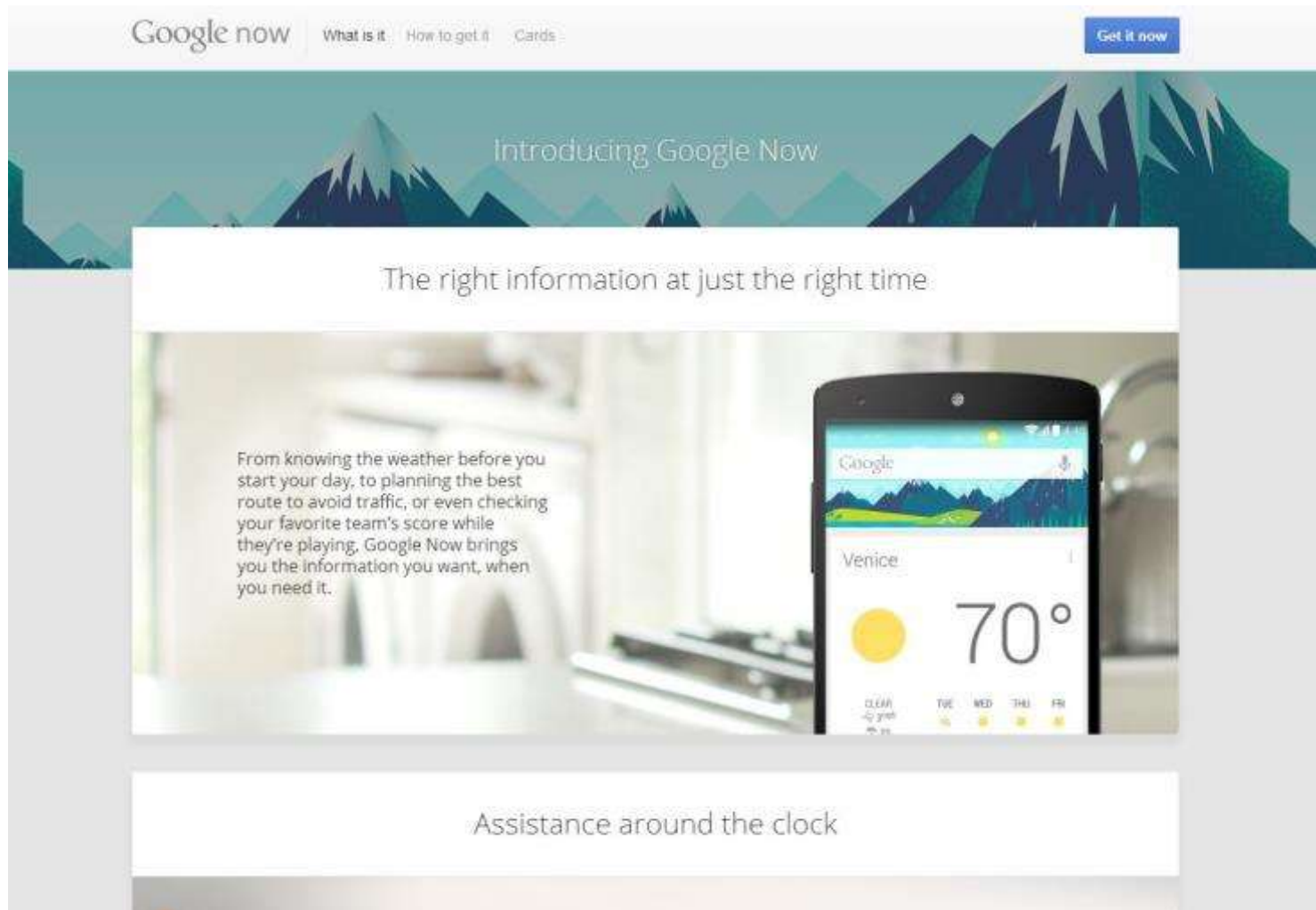
Tasker in a nutshell is a program that tells your device “When this happens, do this!”

- “When something is plugged into the headphone jack, open my music app”
- “When I open the navigation app, turn GPS on”
- “When my phone is connected to this cell tower, turn on wifi and connect to my home wifi”

The Future of this OS is Limitless

- Google has the futuristic ambition and the funds to take Android to unprecedented heights. In many areas — such as predicting what users will do next.
- Google Now knows that in the morning you're getting ready for work and will tell you about the traffic.

Google Now



Google now What is it How to get it Cards [Get it 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

Exploring Assistive Technology

Power Fish'n and Trigger Finger

- Electronic power assist fishing reel
- Attaches to a fishing pole
- One finger push
- Straightens out trigger finger so that an individual can shoot



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 Switches Between Right and Left Hand
- [Video](#)



Video Screen Microscope



- Digital Microscope that captures videos and pictures
- Internal Memory and SD Card Slot
- LED Lighting
- 3.5 inch color screen

LED Handheld Magnifier



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

Magnifiers



Transformer



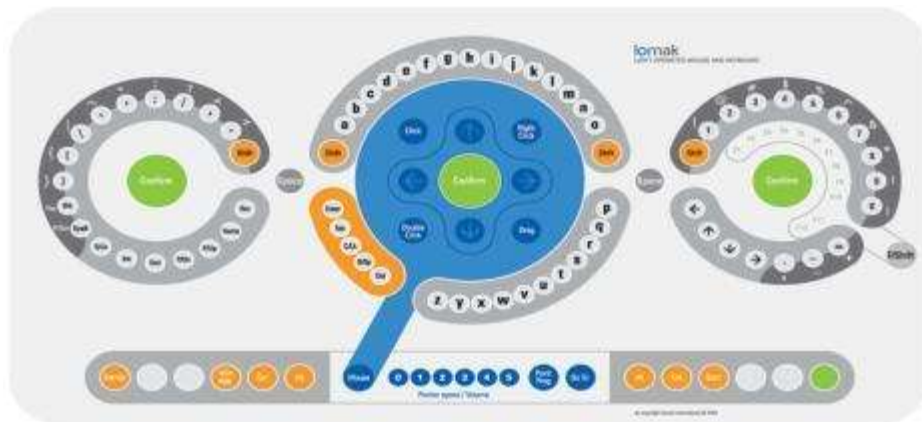
- Portable video magnifier
- Moveable camera to see items far away
- USB port connects its to a lab top
- Great for students and employees with low vision
- Can change background colors



LOMAK

Light Operated Mouse and Keyboard

- Hand or head pointer controls a beam of light that enters, then confirms, function
- Confirmation of keys reduces errors and increases the speed of operation
- Keyboard can be operated with small movements and does not require a lot of energy
- www.lomak.co.nz



Logitech Wireless Touch Keyboard

- Wireless control
- Low-profile keys
- Range of up to 33 ft
- 3.5 inch multi-touch/gesture touchpad



Eyegaze Edge

- Eyegaze System
- Control computer and tablet using your eye
- Environmental Controls
- Communication



Roomba

- Robot vacuum cleaner
- Cleans hardwoods and carpet
- Set Schedule
- Home base for charging
- Built in sensors to avoid stairs
- Great for those who can not use a handheld vacuum



Automatic Feeder

- Mealtime Partner
- Different mounts
- Battery operated
- Bowl tops controls amount of food
- Control Pause time between spoonful
- Adjustability of the spoon



Switch Access

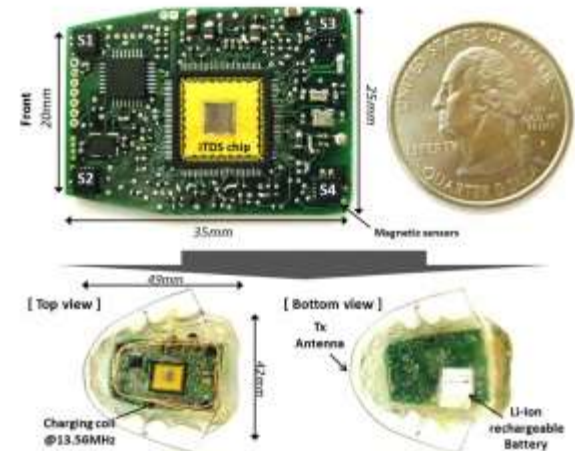
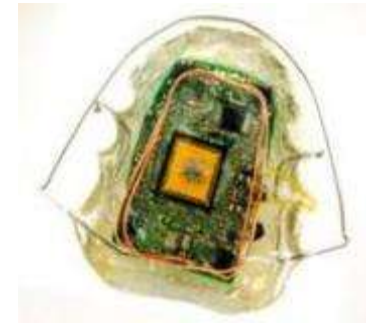


Access - Joystick



Tongue Drive System

- Wireless device that enables people with high-level spinal cord injuries to operate a computer and maneuver an electrically powered wheelchair simply by moving their tongues
- dental retainer embedded with sensors
- detect movement of a tiny magnet attached to the tongue
- Testing with iPods and iPhones



- GA Tech
- Shepherd Center and Rehab Institute of Chicago



Products / New Products

ASL brings innovative products to our clients! We are here to help each client reach their full potential – our team creates products and designs as a direct result of the needs of those we serve. Our goal has always been independence and equal rights for those we work with....

Driver Control Packages

100 Series

ASL 138 Extremity Control Joystick



Specialty Products & Adaptors

Electronic Switches

200 Series

ASL 215 Round Proximity Sensor with Mono Port and 24 Volt Connector



Specialty Products & Adaptors

Electronic Switches

200 Series

ASL 215 Round Proximity Sensor 3 Pin



Specialty Products & Adaptors

Communication



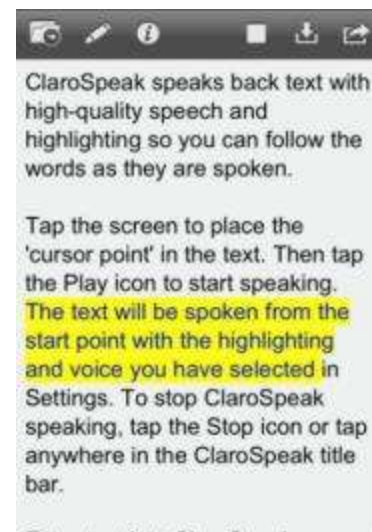
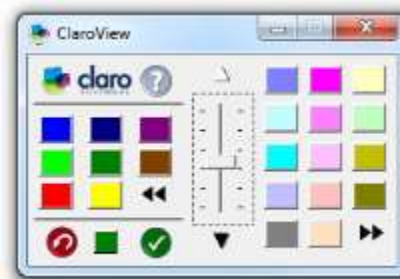
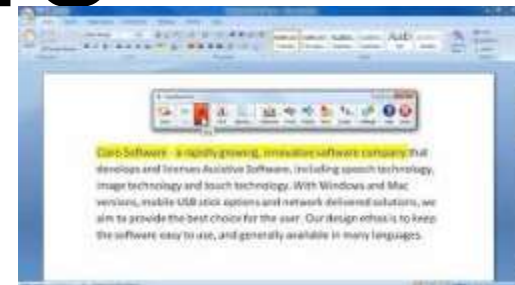
Live Scribe Pen

- Records what it hears and what you write
- Uses specific paper for playback
- Connects to computer by USB for saving
- Tap on note and playback from there
- Jump forward and back in notes
- Dictionary
- Translation Apps
- Purchase Apps online
- [Demo](#)



Claro Software

- ClaroRead - customizable toolbar, reads what is highlighted, change speed and tone, built in writing solutions
- ClaroView - customizable colors, acts as an overlay on PC screen, makes browsing and reading much easier
- ClaroSpeak - text to speech, important documents, customize font and color, visual tracking, save text as audio file
- ClaroPDF - PDF reader/viewer with text-to-speech, 40 different voices with human quality, adjust background color



Dolphin Easy Reader

- Digital talking book player.
- Reads DAISY files including MathML XML files.
- Content is easy to navigate
- Skip through sentences, headings, pages and bookmarks to highlight areas of interest.
- Control the speed, volume and pitch of the reading voice





Find a word



Speed



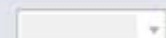
Volume



Headings



130%



Headings



Nav Points



Bookmarks



Search



Highlight



Style



Book Voice

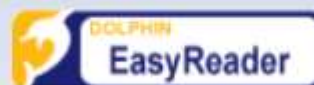


Speak to me



Settings

Welcome to Dolphin EasyReader



Welcome to Dolphin EasyReader

Get started with the options below or use the menus to begin reading.



Open a new book (press Ctrl+O)



Open recent books (press Ctrl+Shift+O)



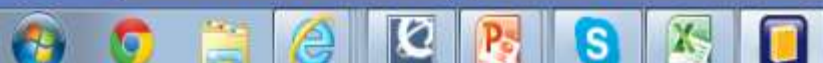
EasyReader Help (press F1)

To read some free sample books, visit the **Dolphin website**.

For more information about EasyReader and other Dolphin software, visit the **Dolphin website**.

© Dolphin Computer Access 2010.

Set navigation level to: Level 2



Premier Software

- www.readingmadeeZ.com
- Read documents in standard file formats such as Microsoft Word, Rich Text, text file format, HTML, and PDF
- Converted to audio files for use on a CD or MP3 player
- Scan and read documents
- Look up a word or definition in the integrated dictionary
- Create study notes and much more!



Premier Features

- PDF Equalizer
- E-Text Reader
- Universal Reader Plus
- Scan and Read Pro
- Talking Word Processor
- PDF Magic Pro
- Text-to-Audio
- Ultimate Talking Dictionary
- Talking Calculator
- Premier Predictor Pro

Learning Ally

- Learning Ally
 - [DAISY](#)
 - Membership required
 - over 75,000 audiobooks, audio textbooks, and other recorded books
 - Free Trial



Exploring Mobile Technology: Know Your Tablets

Comparing Tablets

Property	Android	iOS	MS Windows	Amazon Kindle	Barnes and Noble Nook
Number and variety of Tablets	Over 11,000	iPad and iPad mini	Several	Kindle Fire and Fire HD	Nook HD
Operating System	Android (Jelly bean)	ios7 (Sept 18, 2013)	Microsoft Windows 8	Modified version of Android ICS	Modified version of Android- Microsoft bought 2013
Apps	860,815 (AppBrain.com updated 9/13/13)	900,000 with 375,00 optimized for iPad/mini (mobileburn.com updated June 2013)	104,917 (winbeta.org updated July 4, 2013)	50,000 in Amazon App store also shop in Google Play Store (theverge.com updated August 2013)	10,000 in Barnes and Noble and have access to Google Play store (barnesandnoble.com updated August 2013)
Software Updates	As it becomes available on Google	Apple releases updates	MS releases updates	Amazon releases updates	Barnes and Noble releases updates
Interface	As designed by manufacturer	Icons and widgets designed by Apple	Metro style designed by Microsoft	Modified version of regular Android	Modified version of regular Android

Android Device Fragmentation



Apple iPad/ mini iPad

- Multi- touch screen
- New iOS 7
- Millions of apps
- Surf web
- iTunes
- Videos
- Organization
- Accessibility
- Books
- Photos
- Speakers
- New iPad had 5.0 megapixel camera
- Starts at \$499/\$399 and mini \$329



Built-in Accessibility Features

- VoiceOver
- Zoom
- Large Text
- Invert Colors
 - (white on black)
- Speak Selection
- Speak Auto Text
- Mono Audio
- Assistive Touch
- Guided Access
- Home-Click Speed
- Switch Access
- Braille Displays





Microsoft Surface



http://www.microsoftstore.com/store/msusa/en_US/...



Top 10 Best Tablets Compariso...



On sale: Surface, PCs, Xbox ...



Amazon.com : Samsung Galax...

File Edit View Favorites Tools Help

Great prices on tablets [Shop all tablet deals](#)



Save up to \$70.00

Surface



- The original tablet at a great price
- Built-in kickstand
- Office Home & Student 2013 RT
- Up to 8 hours battery life



Save \$300.00

Surface Pro



- The laptop in tablet form
- Built-in kickstand
- Surface Pen included
- Huge savings while supplies last



Save \$80.00

Toshiba Encore WT8-A32M
Touchscreen Tablet



- 8-inch HD touchscreen
- Intel Atom Z3740
- 2GB memory/32GB eMMC
- Up to 7 hours battery life



Save \$50.00

Lenovo ThinkPad 8 Touchscreen



- 8.3-inch Full HD display
- Intel Atom Z3770
- 2GB memory/64GB eMMC
- Up to 8 hours battery life

Surface Pro 3

- June 2014
- 12 inch screen
- Up to 9 hours of web browsing
- Windows 8.1
- Surface pen
- Multi positioning kickstand
- Palm Block Technology
- Install Software
- Starting at \$799



Surface RT and Pro

- 2 types
 - RT
 - PRO
- RT
 - Cannot download software
 - Does not support digital pen
 - Built in MS Office
 - Word, PowerPoint, Excel
- Pro
 - 30 day trial of MS Office
 - Ability to download software
- Open 3 Windows
- Tiles
 - Start screen
- Charms
 - Right hand side

Accessibility of Surface



- Magnetic Attachments
 - Charger and keyboards
- Uses Windows 8
 - Ease of Access
- Narrator
- Magnifier
- On-Screen Keyboard
- Windows Speech Recognition
- Picture Password



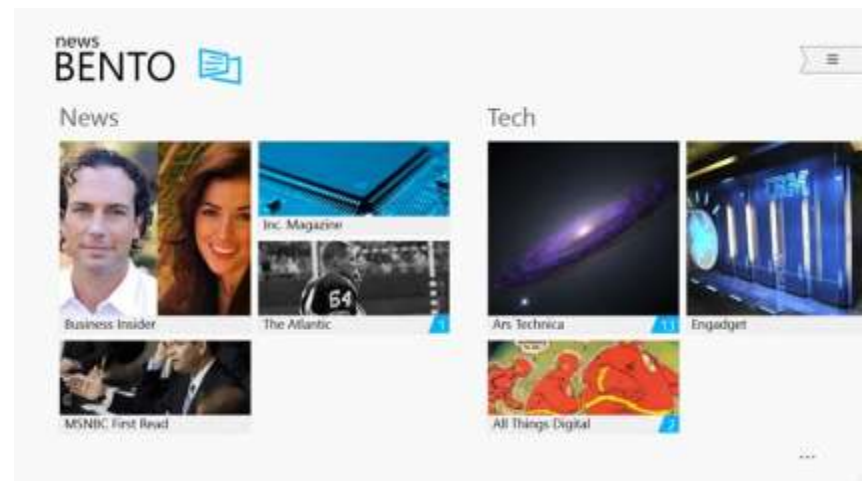
Surface Apps: OneNote



- Save all your notes in the cloud
 - All devices
- Share for viewing and editing
- Save any web page to OneNote and view it later, online or offline
- Send emails to me@onenote.com
 - Put into your notebook.
- Take photos of documents and whiteboards

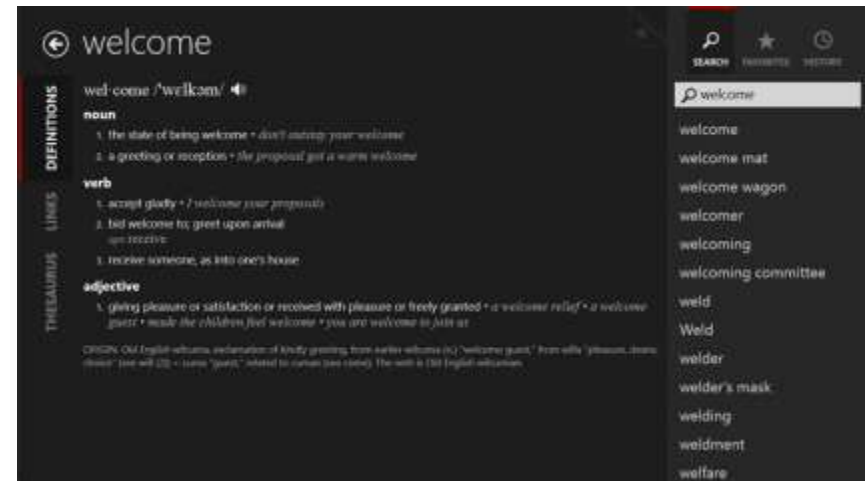
Surface Apps: News

- Aggregate all the news you care about in one spot
- Personalize home screen
- All the news in one spot
- Free



Surface Apps: WordBook

- Dictionary App
- 120,000 pronunciation guides
- 150,000 real human voice audios
- Built-in thesaurus and word links
- Browser-like content navigation with ability to tap on any word to view its definition



The World's Most Popular Mobile OS

- Android powers more than a billion phones and tablets around the world.
- It's customizable, yet easy to use, and since it's made by Google, it works seamlessly with all your favorite Google apps.



Samsung Galaxy Tab 3



- 7 inch screen
- Open one screen at a time
- Camera for photos and videos
- Ability to organize apps
- Similar to the Galaxy smartphone
- Starts at \$179

Samsung Galaxy Note 8.4



- Built in accessibility features
- Multi Windows
 - 2 Screens
- Customize dashboards
- 8.4 inch display
- 10 hrs Internet time
- e- Meeting
 - Share screen
- Starting at \$349

Google Nexus Tablet



- 7 inch screen
- Up to 9 hours of HD video playback
- 10 hours of web browsing
- Made to Share
 - Customize space and personal homepage
- Starts at \$229

Kindle Fire HD/HDX

- eBook Reader and mobile tablet
- Front facing camera
- Access to Amazon apps
- Free cloud storage for Amazon purchases
- Purchase Apps
- 7inch or 8.9 inch screen
- 'Mayday' button HDX
- Starts at \$139- HD
- \$199- HDX



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





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My Favorite Apps

You searched for: Learning, Cognition, and Developmental

Logo	Name	Category	Device Type
	tango Video Calls Tango brings you free, high-quality mobile voice and video calls over 3G and Wi-Fi! Millions of people around the world are using Tango in an exciting new way. It	Learning, Cognition, and Developmental	iOS
No Ratings			
	i-prompt Professional Tele-prompting software for your iPhone or iPod Touch.	Learning, Cognition, and Developmental	iOS
No Ratings			
	Dragon Dragon Dictation is an easy-to-use voice recognition application powered by Dragon	Learning, Cognition, and Developmental	iOS
★★★★★ 5 stars by 1 users			
	iBooks iBooks includes the iBookstore, where you can download the latest best-selling books or your favorite classics	Learning, Cognition, and Developmental	iOS
No Ratings			
	Say Text SayText reads out loud the text in the image. It is intended for the visually impaired users. SayText is a free spin off product from the DocScanner team.	Learning, Cognition, and Developmental	iOS

2013 IDEAS CONFERENCE

2013 Institute Designed for Educating All Students Conference
June 3 - 6, 2013
Epworth by the Sea, St Simons Island

- [Submit a Proposal](#)
- [Conference Website](#)
- [Exhibitor Details](#)

WEBINARS

APR
18

[Free for All! Resources for Teachers and Students](#)

APR
24

[Assistive Technology and Adapted Recreation: A Perfect Match](#)


[Current Webinar Schedule](#)
[Webinar Archives](#)

APP FINDER






...for Living, Learning, Working, and Playing.

AT ONLINE EXCHANGE

 **gTRADE** [gTRADE - Georgia's Online Equipment Exchange.](#)

encourages members to offer AT and DME for sale or donation to others who may benefit from using technology unneeded by others.

More Reading Apps

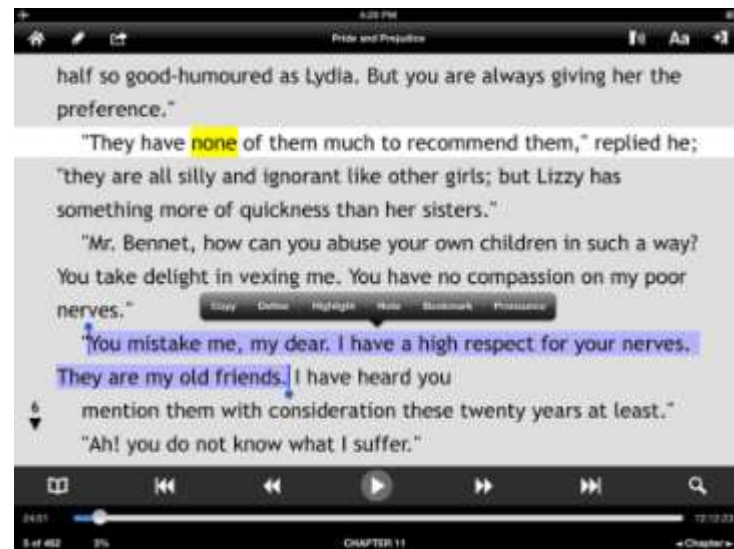
- Free Books 
 - Free
 - Over 23,000 titles
 - Audiobooks
- Newspaper 
 - Free
 - Newspapers from 150+ countries
 - Over 20,000 newspapers
- Overdrive Media Console 
 - Free
 - Must have library card
 - Download ebooks and audiobooks on the go

Voice Dream



- Text to Speech
- Highlights as it reads
- Import
 - Bookshare
 - Dropbox
 - Gutenberg
 - Word Doc
 - PDFs
- Buy different voices
- Change rate of speed

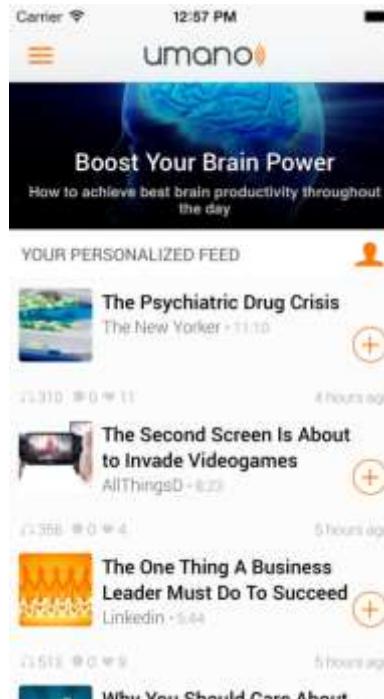
- Download for later reading
- \$9.99



Umano



- News read to you by real people
- Make a playlist of articles
- Download to listen to offline
- Upgrade to premium for \$3.99/ month
- Free





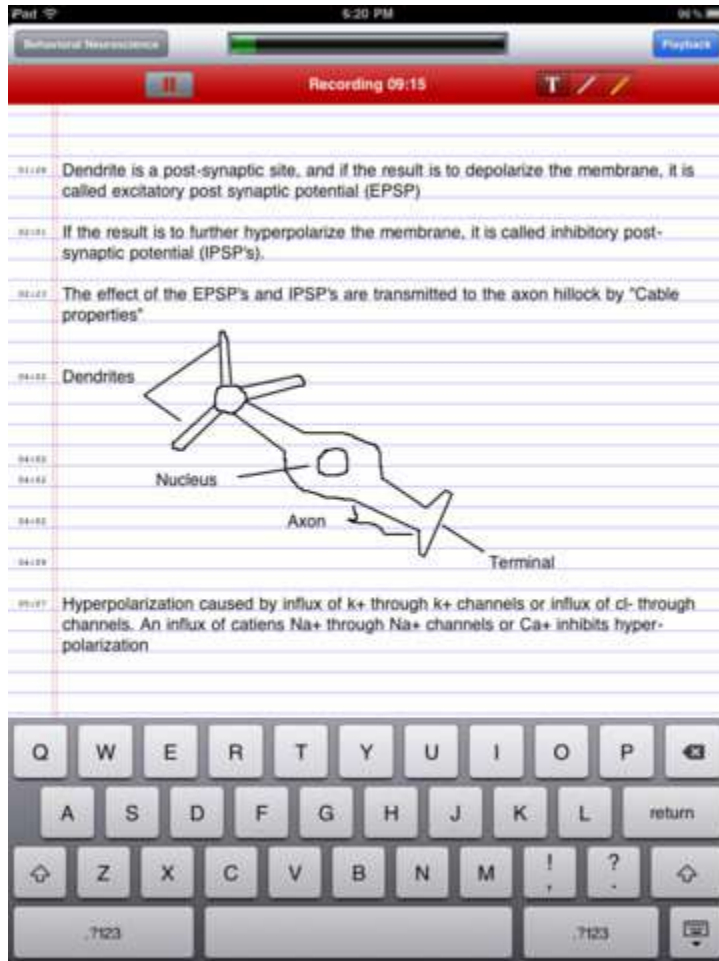
MyMedSchedule

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



Note Taking Apps

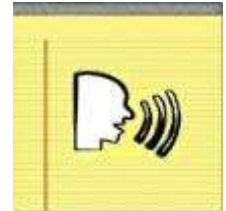
AudioNote



- Records your notes, meetings or lectures
- Can take notes by typing, stylus, or drawing
- Time stamps so you can go directly to where you want to hear
- Highlights notes when read back
- \$4.99



Voice Note Trial



- Create lists, texts, email, notes, calls, and dial by voice
- Can use Google Voice Recognition when connected to internet
- Free



Say it & Mail it Pro



- Email voice memos
- Attach pictures
- Set preference to start recording as soon as app opens
- Add location



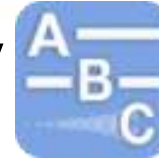
ColorNote Notepad

Notes To Do

- Simple notepad app
- Organize notes by color
- Checklist for To do list & Shopping list
- Checklist to get things done
- Organize your schedule in calendar
- Password Lock note
- Free



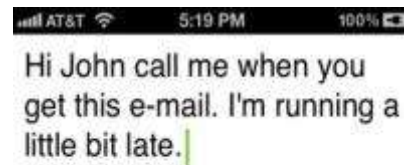
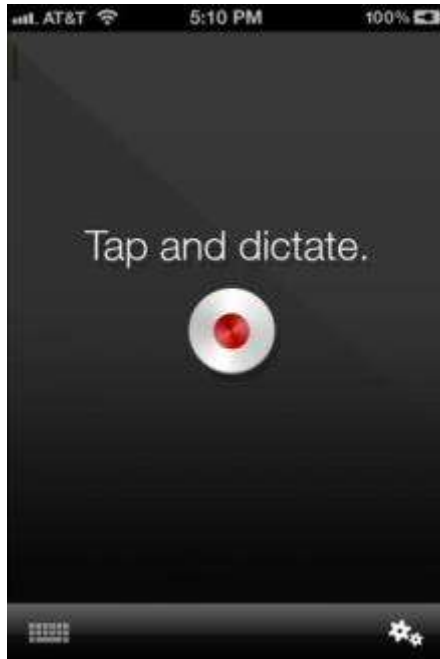
Brevity



- Word Completion App
- Automatically add words if not in list
- Remembers how often you use words and offers the most frequently chosen options to you first
- E-mail Support - Send e-mails from directly within the application
- Text Message Support
- Remove misspelled or unwanted words
- Set prediction font size and window transparency



Dragon Dictation



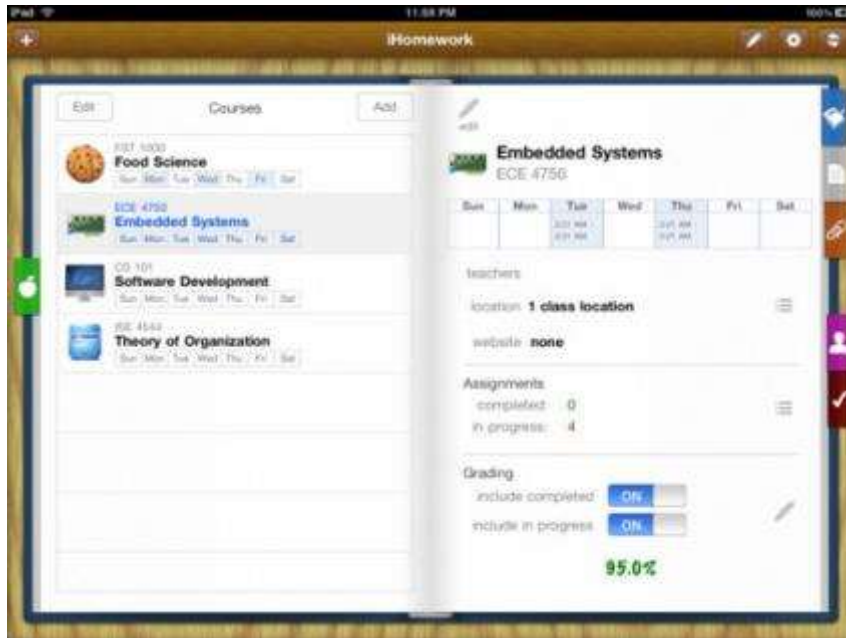
Hi John call me when you get this e-mail. I'm running a little bit late.



- Voice Recognition
- Free
- Dictate notes, emails, Twitter, and Facebook
- Supports many languages
- Cut, Copy, Paste
- Android
 - Dragon Go!
 - Dragon Hands Free Assistant

Apps for Organization

iHomework



- Keep up-to-date with your school work, grades, to-do's, teacher's information
- School organizer that can be with you anywhere you go, whether that be on your iPhone/iPod touch, iPad, or Mac



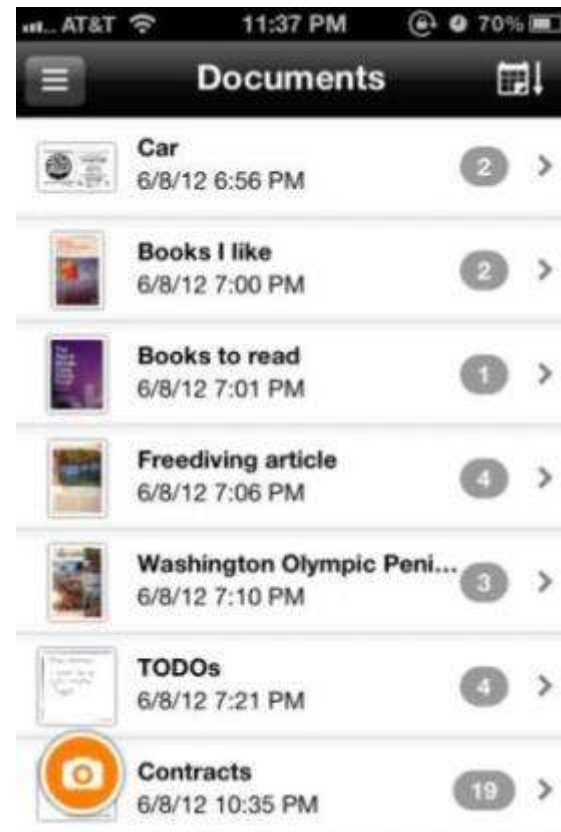
- Free
- Keep track of your cash and credit cards
- Pay your bills
- Real-time alerts and reminders about upcoming bills, overage charges, and suspicious transactions
- Understand your debt



Scan Genius/ Genius Scan



- Free on Apple
- \$1.99 on Android
- Pocket Scanner
- Quickly scan documents on the go and email the scans as JPEG or PDF
- Allows you to build PDFs





Remember the Milk



- Free
- App for organization that is based on the website of the same name.
- Bring your “To-Do” list to life with features such as keys, tasks, actions, search, notes, locations, and reminders.
- App allows user to switch to landscape mode for easier reading and typing.



Reminders



- Built-in App
- Works with VoiceOver
- Organize your reminders
- Siri if have iPhone 4s or 5
- The new iPad



Apps for Relaxation

iZen Garden



- Choose from 100s of objects, plants and creatures to place in your garden
- Rake the sand and share your creations
- Helps you to center your mind, relax your psyche and relieve your stress

Breathe2Relax



- Portable stress management tool
- Detailed information on the effects of stress on the body
- Instructions and practice exercises to learn the stress management skill called diaphragmatic breathing



Pandora



- Free internet radio
- Create custom stations based on genre
- Free

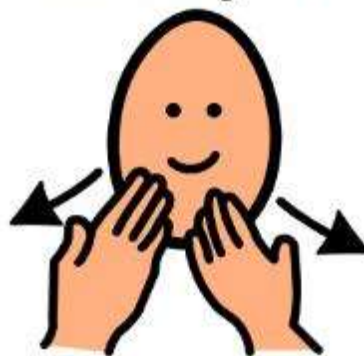




**Our Question to You:
What have You Learned today?**

Thank You!

thank you



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Disclaimer

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