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MOBILE APPS CATALOG

Georgia Tech Center for Advanced Communications Policy

CACP Collaborative

ABOUT US

The Georgia Institute of Technology (Georgia Tech), **Center for Advanced Communications Policy** (CACP) is the primary research center that focuses on policy issues that influence the evolution of technology, especially those impacting people with disabilities and those with access and functional needs. Research and development activities span such diverse areas as emergency communications, next generation technologies and devices that contribute to cutting edge advanced communications policy. CACP operates as an impartial, fact-based expert to help inform regulatory rule makings, technology development by industry, and most critically qualitative and quantitative data analysis which results in reports that enhance knowledge of accessible emergency communications options. CACP collaborates with government, industry and academia at the international, national, state and local level to provide insights on a wide range of topics to ensure a clearer understanding of the ever changing technology landscape. CACP is the home the Rehabilitation Engineering Research Center on Wireless Technologies (Wireless RERC), funded by the U.S. Department of Education's National Institute on Disability and Rehabilitation Research (NIDRR) since 2001. The CACP Collaborative that guides the progress and outcomes of this project have combined expertise in disability research and development and includes research specialists, emergency management specialists, focus group and survey technicians, designers and engineers to create prototypes.

The research produced in this summary report was performed by the principal investigator (PI), Helena Mitchell, Ph.D., project lead DeeDee Bennett, Ph.D., Danielle Sharpe, and Amelia Williams. The research was funded by the Department of Homeland Security (DHS) Federal Emergency Management Agency's (FEMA) Integrated Public Alert and Warning System (IPAWS)

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Contents

Introduction **5**

Emergency Management Apps **7**

Airbnb 9

American Red Cross: Earthquake 9

American Red Cross: First Aid 10

American Red Cross: Flood 10

American Red Cross: Hurricane 11

American Red Cross: Pet First Aid 11

American Red Cross: Shelter Finder 12

American Red Cross: Tornado 12

American Red Cross: Wildfire 13

Baldwin County EMA 14

Bogota Office of Emergency Management 14

Cullman EMA 14

Disaster Alert (Pacific Disaster Center's World Disaster Alerts) 15

Disaster Prep 15

Disaster Preparedness Guide: Family and School Edition 16

Disaster Ready 16

Disaster Survival Guide 16

EC4All: Emergency Communication for All 17

ELERTS Medic™ 17

ELERTS Transit 18

ELERTS Lock It Down for Teachers 18

ELERTS Campus 19

ELERTS Stadium 19

Emergency Aid 20

FEMA 20

f-Ready 20

Firefighter Log 21

Get A Game Plan 21

GetAround 21
Hamilton County EMA 22
Har-Bro Emergency 22
HealthMap: Outbreaks Near Me 22
ICE: In Case of Emergency 23
iMap Weather Radio 23
iMPrepared 23
Life 360° Family Locator 24
Mississippi Emergency Management Agency 24
Mobile Emergency 25
MyMedList 25
ping4alerts! 25
Radar Express - NOAA Weather 26
Ready Georgia 26
Ready TN 27
ReUnite 27
SD Emergency 28
SeeClickFix 28
SLIM Personal 29
Assistive Mobile Apps 30
AccessNote 31
Ariadne GPS 31
Autism Xpress 31
BrailleTouch 32
Citra 32
Color ID 33
Dragon Dictation 33
Eyes-Free Shell 33
Fleksy Keyboard - Happy Typing 34
Grace 34
Hearing Companion 35

IDEAL Accessible App Installer 35
IDEAL Currency Identifier 35
IDEAL Group Reader 36
IDEAL Item Identifier 36
IDEAL Magnifier 36
IDEAL Self-Voicing YouTube Viewer 37
iSpeech – Text to Speech 37
Keyboard Tutor 37
LendAnEye (Visually Impaired) 38
Light Detector 38
Living Safely 38
LookTel Money Reader 39
LookTel Recognizer 39
Mobile Accessibility US 40
SayText 41
ScanLife Barcode & QR Reader 41
Speak It! 41
Speech Magnet 42
TapTapSee 42
TaskRabbit 43
Voice Dream Reader 43
WalkyTalky 44
Assistive Technology Software & Hardware 45
ClickHear MOBILE™ 47
ReadHear™ 47
VelaSense® 48
Telorion Vox 48
Teleorion Zoom 49
Index 50

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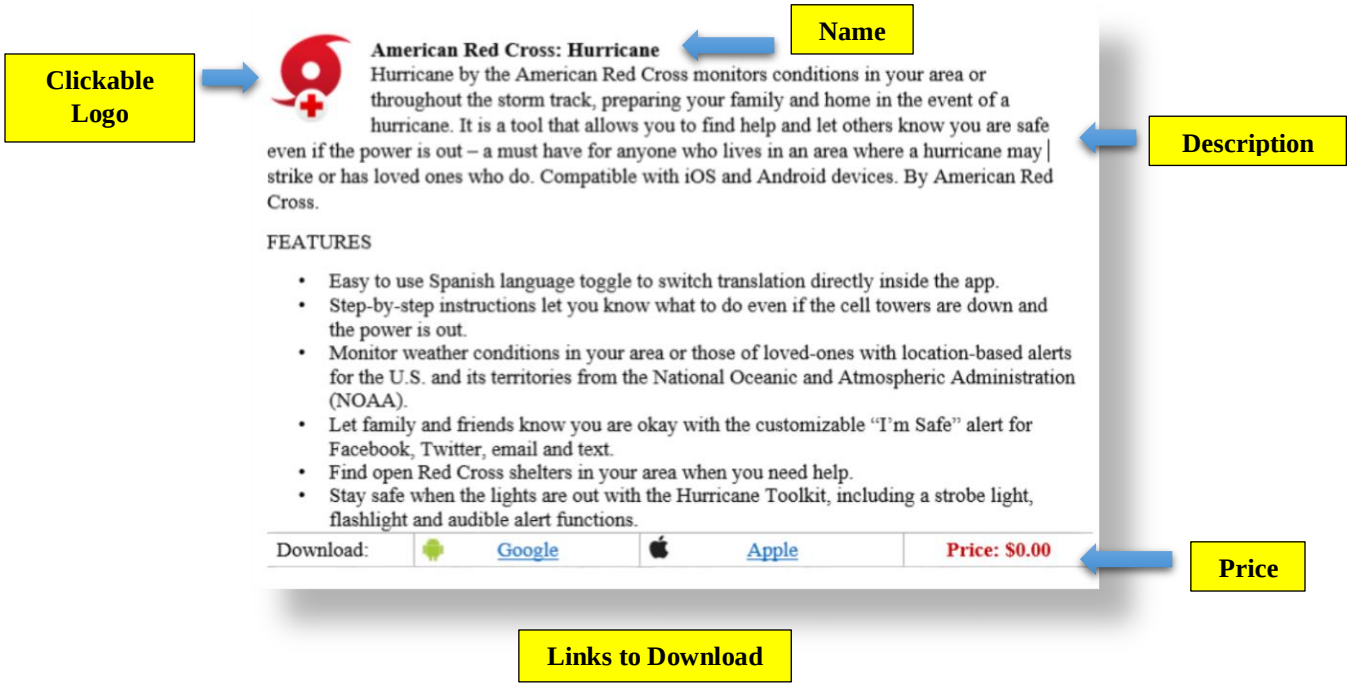
INTRODUCTION

The Mobile Apps Catalog is a collection of emergency management and assistive mobile applications intended to assist first responders, emergency managers, and the public, specifically people with disabilities or others with access and function needs. Highlighted in this catalog are readily available preparedness and response apps that can be accessed by wireless devices, as well as assistive resources to advance the usability of wireless devices for consumers with disabilities. The apps are also helpful for the whole community. "Federal Emergency Management Agency (FEMA)'s "Whole Community" approach to emergency management recognizes that individuals, families and communities are assets and keys to success (Fugate 2011)."

The selection of mobile applications were identified through FEMA, accessibility-related conferences, the Rehabilitation Engineering Research Center for Wireless Technologies, and the White House Innovation for Disaster Response and Recovery Initiative. The catalog does not consist of a comprehensive list, however, the conversion of this catalog into an online Wiki could prove beneficial for maintaining an exhaustive list.

The Mobile Apps Catalog is organized into three (3) sections: Emergency Management Apps, Assistive Apps, and Assistive Technology Software and Hardware. While the objectives for each section may vary, the identified resources are designed specifically to address wireless accessibility and assist people with disabilities before, during and after an emergency. Each mobile app highlighted in the catalog includes: the name of the app, clickable app logo for more information, description of app, and clickable link(s) to download the app dependent upon the mobile device compatibility. Please see the figure below as an example of the components.



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EMERGENCY MANAGEMENT APPS

Communicating effectively during emergencies is imperative for emergency managers as they reach out to the public. Mobile applications presented in this section assist to advance consumer knowledge of emergency communication information available on smartphones and devices. This information increases the likelihood of consumers adopting one or more of these apps. Adoption may increase the public's ability to prepare, respond and recover by empowering them with potentially life-saving information. This is especially important to reaching people with disabilities in as many modes of communications as possible since users' needs for the Blind, low vision, Deaf and hard-of-hearing may vary dependent on the mobile device used.

The types of apps in this section include the FEMA app, several state (and local municipality) emergency management apps, disaster specific American Red Cross apps, as well as other third party disaster preparedness-related apps. As apps are created daily, this list is not exhaustive.

A

Airbnb
Airbnb app is a messaging system that connects guests to thousands of places to stay last minute, with other available accommodations. The app has a feature that enables it to be extremely useful in the event of an emergency evacuation. This app was included in the White House Innovation for Disaster Response and Recovery Demo Day 2014. Developed by Airbnb Inc.

FEATURES

- Book accommodations and find rooms for rent directly from any Android phone or tablet.
- Search for last-minute accommodations anywhere in the world.
- Find long-term sublets in thousands of cities.
- Access itineraries, message the host, and get directions.

Download:	Google	Apple	**Price: $0.00**

American Red Cross: Earthquake
The Earthquake app allows users to receive alerts and notifications when an earthquake occurs, find, help and locate loved ones even when the power is out. The app is beneficial for anyone who lives (or has loved ones who live) in an earthquake-prone area. Developed by American Red Cross.

FEATURES

- Step-by-step instructions on what to do before, during, and after an earthquake, no data connectivity required.
- Earthquake notifications generated by the United States Geological Survey (USGS).
- Customizable “I’m Safe” alert for Facebook, Twitter, email and text.
- Finds open Red Cross shelters in the area.
- Toolkit includes a strobe light, flashlight and audible alert functions.

Download:	Google	Apple	**Price: $0.00**

American Red Cross: First Aid

The First Aid app gives users access to information about emergency preparedness and response. This app allows for 9-1-1 calls. Its features include videos, interactive quizzes, and step-by-step instructions for first aid scenarios. Developed by American Red Cross.

FEATURES

- Fully integrated with 911.
- Videos and animations for learning first aid fun and easy.
- Safety tips to help users prepare for emergencies.
- Preloaded content provides access to all safety information at any time, even without reception or an Internet connection.

Download:	Google	Apple	Amazon	**Price: $0.00**

American Red Cross: Flood

The Flood app is a solution for understanding and preparing for floods. It gives users step-by-step instructions and delivers alerts and warnings related to flood emergencies. Developed by American Red Cross.

FEATURES

- Step-by-step instructions to help users know what-to-do even if the cell towers and TVs are down.
- Receives location-based flood and flash flood watches and warning alerts from NOAA.
- Red Cross location-based open shelters map for when users need it most.
- Preloaded content means provides access to all safety information at any time, even without reception or an Internet connection.
- Customizable “I’m Safe” notification sharable through social media, text and email
- Toolkit includes strobe light, flashlight and audible alert function.

Download:	Google	Apple	**Price: $0.00**

American Red Cross: Hurricane

This hurricane app monitors weather conditions in the user's area and can assist in preparing families and homes in the event of a hurricane. It includes a feature that allows users to find help and let others know when they are safe even if the power is out. Developed by American Red Cross.

FEATURES

- Spanish language toggle to switch translation directly inside the app.
- Step-by-step instructions let users know what to do even if the cell towers are down and the power is out.
- Monitor weather conditions with location-based alerts for the U.S. and its territories from the National Oceanic and Atmospheric Administration (NOAA).
- Customizable "I'm Safe" alert for Facebook, Twitter, email and text.
- Find open Red Cross shelters in the area.
- Hurricane Toolkit includes a strobe light, flashlight and audible alert functions.

Download:	Google	Apple	**Price: $0.00**

American Red Cross: Pet First Aid

The Pet First Aid app provides veterinary advice for everyday emergencies. The app is useful for pet owners during a disaster when access to veterinary care is limited. Developed by American Red Cross.

FEATURES

- Pet health advice on administering medication, behavioral help, and how to act in a disaster situation.
- Early warning sign checker for preventive care.
- Programmable veterinary contact number.
- Learn first aid steps for over 25 common pet situations through a combination of text, video and images, in addition to identifying common toxic substances.
- Locate the nearest emergency vet hospital or pet-friendly hotels.
- "How to" videos for the common and stressful emergency situations inclusive of size specific CPR techniques.

Download:	Google	Apple	Amazon	**Price: $0.99**

American Red Cross: Shelter Finder

The Shelter Finder app displays open Red Cross shelters and includes information on the current shelter capacity on an easy to use map interface. The app maps locations and shelter details across the United States. Developed by American Red Cross.

FEATURES

- View open shelters by state or latest disaster information via the Disaster Online Newsroom.
- The application uses data about open shelters from the American Red Cross National Shelter System (NSS), containing information about 60,000 potential disaster, and enables emergency managers and disaster relief workers to identify relevant information for all shelters in use.
- Shelter information is updated from the NSS every 30 minutes.

Download:	Google	Apple	**Price: $0.00**

American Red Cross: Tornado

The Tornado App provides tornado preparedness information and is equipped with a siren to alert the user during an emergency. The app also features interactive quizzes and simple step-by-step instructions for response and recovery situations. Developed by American Red Cross.

FEATURES

- Step-by-step instructions to help users know what-to-do even if the cell towers and TVs are down.
- Audible siren that automatically goes off even if app is closed when NOAA issues a TORNADO WARNING
- Push notification sent when a WARNING expires.
- Able to receive tornado watch and warning alerts based on location from NOAA.
- Red Cross location-based open shelters map for when users need it most.
- How to assemble an emergency kit for the family in the event of power outage or evacuation.

Download:	Google	Apple	**Price: $0.00**

American Red Cross: Wildfire

The Wildfire app provides state-by-state wildfire news and updates. It also provides users with information to prepare their family, home and pets. It is also equipped with a feature to let loved ones know users are safe even if the power is out. Developed by American Red Cross.

FEATURES

- Step-by-step instructions let users know what to do before, during, and after wildfires, even if no data connectivity.
- Wildfire News section with state-by-state links to all fire-fighting agencies' Twitter feeds and websites ensuring the most recent developments on current wildfires.
- Click-to-call access to the state's 511 network for the latest traffic information in case of evacuation
- Customizable "I'm Safe" alert for Facebook, Twitter, email and text.
- Find open Red Cross shelters in the area when users need help.
- Toolkit includes a strobe light, flashlight and audible alert functions.

Download:	Google	Apple	**Price: $0.00**

B

Baldwin County EMA
The Baldwin County Emergency Management Agency mobile app assists citizens and visitors of Baldwin County, Alabama to better prepare for disasters, whether natural or manmade. The app provides vital preparedness information for the public as well as organizational information about the Baldwin County Emergency Management Agency. The app contains links to local, state, and federal resources. In addition to local weather information, the app also contains a checklist for an emergency kit, an evacuation zone map, and sheltering information. Developed by OCV, LLC.

Download:		Google	Apple	**Price: $0.00**

Bogota Office of Emergency Management
The Borough of Bogota, New Jersey, Office of Emergency Management app is designed to bring citizens up to the minute news and events for the Borough of Bogota, as well as real time weather for the area. Users may connect and interact with Bogota Office of Emergency Management Facebook and Twitter sites. The app helps citizens prepare for emergencies, and includes local traffic information via DOT road cameras, Amber Alerts, NJ Homeland Security news, and preparedness information. Developed by OCV, LLC.

Download:		Google	Apple	**Price: $0.00**

C

Cullman EMA
The Cullman County (Alabama) Emergency Management app enables users to locate up-to-date information relating to emergency management, local weather, and emergency response agencies. During times of disaster, this app will be utilized to provide disaster-related information for recovery. Developed by OCV, LLC.

Download:		Google	Apple	**Price: $0.00**

D

Disaster Alert (Pacific Disaster Center's World Disaster Alerts)
The Disaster Alert app provides mobile access to multi-hazard monitoring of and early warning for "Active Hazards" around the globe. "Active Hazards" are compiled from verified and authoritative sources, and are part of a collection of recent incidents that have been designated as potentially hazardous to people, property, or assets by Pacific Disaster Center. Hazards include: Hurricane/Tropical Cyclone, Drought, Earthquake, Tsunami, Volcano, Floods, Marine, Storms, Manmade, Wildfire, (Hawaii) National Weather Service High Surf, and High Wind. Developed by Pacific Disaster Center.

FEATURES

- View Active Hazards on an interactive map or in the Alert list
- Push notifications option
- Choose background map
- Overlay additional maps such as population density, global clouds, etc.
- Get "more info" (and situational reports) for most Active Hazards
- Receive automatic updates every five minutes
- (v3.0+) Subscription option for limiting notifications based on location and severity

Download:	Google	Apple	**Price: $0.00**

Disaster Prep
The Disaster Prep app provides information on creating disaster kits, securing important medical and insurance information, and developing family emergency plans. It allows users to import photos and PDF documents. The app sends a messages every six months to remind users to check their disaster kits supplies. Developed by Evolving Monkeys, LLC.

Download:	Apple	**Price: $0.00**

Disaster Preparedness Guide: Family and School Edition
This app is a mobile adaption of the FEMA guide, "Are You Ready?" emphasized for families and schools. The app can operate offline with minimal battery consumption. It includes audio annotation, video supplements, customization, and images and allows users to document important records. Developed by 1to1class.com.

FEATURES

- Menu Driven: a few taps will take users to the exact page they wish to read
- Global Search: search by topics or keywords and find all relevant information quickly
- Separation of Pages: convert into 200 separate PDF pages, load faster, read easier
- Email: direct email any page, note, image, longitude, latitude information to family & friends
- Video Supplement: add video from other sources, or record directly from device camera
- Image Addition: add images from multiple sources, including doodling
- Build a family plan: document supplies, communications, shelters, escape route, etc.
- Build a school, business or community plan: teach students, neighbors and employees

Download:	Apple	**Price: $0.00**

Disaster Ready
The Disaster Ready app provides users with information to create family emergency plans. This app also has the capability for users to share their family plans with other family members and friends. Developed by Edgemoor.

Download:	Apple	**Price: $0.00**

Disaster Survival Guide
Disaster Survival Guide provides users with information on how to properly respond during the event of a disaster. It also provides information on how to deal with the most common disasters as well as how to manage evacuation situations. Developed by Ebeuvaliers.

Download:	Google	**Price: $0.00**

E

EC4All: Emergency Communication for All
This app allows users to communicate with emergency personnel using images to ask and answer questions. Text-to-Speech can also be activated for this app. Using pictures with voice technology, the individual can interact with emergency personnel to both answer and ask basic questions. As the icons are selected, a phrase is built at the top of the screen. Developed by CreateAbility Concepts.

Download:	Google	**Price: $3.00**

ELERTS Medic™
The ELERTS Medic app provides hospital workers with a two-way communication tool that will improve the overall safety and security of a hospital and its staff. Employees can report suspicious or criminal behavior to security personnel. Hospital dispatchers can broadcast alerts to staff smartphones. Employees can send their hospital's security pictures, text messages, and locations of suspicious activity. This resource can be used anywhere cellular or WiFi service is enabled. Hospital Facilities Managers can also use ELERTS Medic to comply with Environment of Care, Emergency Management, and Life Safety mandates by using their smartphones, as well. While the app is free to users, it only works in facilities that purchase the ELERTS service.

For facilities who want to purchase the ELERTS Medic service, request information or demo: contact sales@elerts.com or 877-256-1971. For users, the ELERTS Medic app can be downloaded for free. Developed by ELERTS Corp.

FEATURES

- Two bold buttons to Call Police or Report a Problem
- Allows Security broadcast alerts to individuals or groups
- Allows staff send messages with photos and GPS map

Download:	Google	Apple	**Price: $0.00**

ELERTS Transit

The ELERTS Transit app offers the public a quick and discreet method for reporting suspicious activity directly to Transit Police. The app can send pictures, text messages, and locations of suspicious people or activities. From the home screen, users have two options for contacting Transit Police: The "Report a Problem" button allows users to send text or photos directly to Transit Police. To ensure discretion, the camera flash is automatically disabled when photos are taken through the app. When reporting an issue, users can select locations and report categories to assist Transit Police. The "Call Transit Police" button will connect customers directly to Transit Police. The system is also designed to send text messages before pictures so that Transit Police can get app reports as quickly as possible. While the app is free to users, it only works in facilities that purchase the ELERTS service. **For facilities who want to purchase the ELERTS Transit service, request information or demo**: sales@elerts.com or 877-256-1971. For users, the ELERTS Transit app can be downloaded for free. Developed by ELERTS Corp.

FEATURES

- Reports can include photos, incident descriptions and location maps.
- Real-time, two-way chat allows security personnel to interact with staff, for additional information.

Download:	Google	Apple	**Price: $0.00**

ELERTS Lock It Down for Teachers

The Lock It Down app allows authorized personnel and first responders to communicate security concerns in real-time through a smartphone app. While the app is free to users, it only works in schools that purchase the ELERTS service. **For facilities who want to purchase the ELERTS Lock It Down service, request information or demo**: sales@elerts.com or 877-256-1971. For users the ELERTS Lock It Down app can be downloaded for free. Developed by ELERTS Corp.

FEATURES

- Can initiate a Lockdown with the press of a button
- Allows reporting through text message, photos, and GPS map add context
- Police see reports on their devices and can respond faster
- Establishes a contained network for discreet communication
- Serves as a deterrent against bullying, vandalism and crime
- Managed through a web console so no hardware installation needed
- Can integrate with Access Control to lock doors and limit swipe cards.

Download:	Google	Apple	**Price: $0.00**

ELERTS Campus

ELERTS Campus app is a two-way communication system designed to improve overall safety and security. People on a campus can quickly report suspicious or criminal activities to security officers. The app is designed for larger facilities and can include staff and students, providing a way to report security concerns without proximity to an alarm system or call box. While the app is free to users, it only works on campuses that purchase the ELERTS service. **For facilities who want to purchase the ELERTS Campus service, request information or demo**: sales@elerts.com or 877-256-1971. The ELERTS Campus app can be downloaded for free. Developed by ELERTS Corp.

FEATURES

- Crowd-Sourcing: Message, photo, GPS map inform Security Dispatchers
- Warnings can be broadcasted to all students who use the app
- Administration: The ELERTS EPICenter web console manages Reports
- Alerts: ELERTS EPICenter allows 2-way chat with sender of original report
- Can integrate with Video Surveillance Systems

Download:	Google	Apple	**Price: $0.00**

ELERTS Stadium

ELERTS Stadium™, observant venue staff and attendees can report questionable activity to Security, by using their smartphones at stadiums, convention centers, arenas, auditoriums, concert and other venues. Proven technology used by mass transit systems, like Boston MBTA and Atlanta MARTA. **For facilities who want to purchase the ELERTS Stadium service, request information or demo**: sales@elerts.com or 877-256-1971. The ELERTS Stadium app can be downloaded for free. Developed by ELERTS Corp.

FEATURES

- Security can reply to incident reports to ask for more information or give instructions; people can respond to safety alerts.
- No hardware – reports are managed from a cloud-based management console.
- Security Ops can broadcast safety information to all users or groups (e.g. Security staff).
- Incident reports include photos, text description & GPS location.
- Real-time, two-way chat with Security dispatcher.
- Smartphone camera flash disabled for discreet photo taking.
- Integrates with leading video management systems (VMS).
- Maps Field of View of each surveillance camera.

Download:	Google	Apple	**Price: $0.00**

Emergency Aid
Emergency Aid provides a detailed task list with color illustrations, so that users will know how to respond in the event of a disaster or other emergencies, such as an accident, heart attack, or animal bite. With a tap-to-call feature to contact emergency services, the app also provides information for emergency contacts, medical profiles, "Do's and Don'ts", and "Warnings." Developed by Creative Coefficient Corp.

Download:	Apple	**Price: $1.99**

F

FEMA
The FEMA app contains preparedness information for different types of disasters, an interactive checklist for emergency kits, a section to plan emergency meeting locations, information on how to stay safe and recover after a disaster, a map with FEMA Disaster Recovery Center locations (one-stop centers where disaster survivors can access key relief services) and shelters, general ways the public can get involved before and after a disaster, and the FEMA blog. Developed by Federal Emergency Management Agency.

Download:	Google	Apple	Blackberry	**Price: $0.00**

f-Ready
The f-Ready app allows users to communicate their GPS location and share their location with family and friends during and after disaster events. Users' locations are color-coded depending on the type of disaster. Compatible with iOS and Android devices. Developed by Southwest Synergistic Solutions LLC.

Download:	Google	Apple	**Price: $0.00**

Firefighter Log

The Firefighter Log app relays dispatch information to Android devices and Google Glass. The app was designed to aid firefighters responding to emergencies by providing information, such as building floor plans and maps that locate nearby fire hydrants. Firefighter Log can receive dispatch from text messages using CadPage, send messages to members of fire departments that are subscribe to the app, and locate the incident on a map. Also, the app allows firefighters to record calls and response times. Developed by Fire Apps.

Download:	Google	**Price: $0.00**

G

Get A Game Plan

The Get A Game Plan app is a Louisiana-specific app that was developed by the Governor's Office of Homeland Security and Emergency Preparedness for the State of Louisiana. This app was created to provide information to users in order to assist with disaster preparedness planning. Get A Game Plan provides a guide to create emergency checklist, securing important documents, and identifying locations and shelters with the use of maps. This app also addresses assistive technologies and equipment for people with disabilities under a special medical needs module. It is available for iPhone and iPad devices. Developed by CYTE, LLC.

Download:	Apple	**Price: $0.00**

GetAround

The GetAround app allows users to rent a car from someone nearby or share their car and earn thousands a year. There is a broad selection of vehicles available to be rented, from economy to luxury. Insurance is included and it is free to join with no annual fees. This app was included in the White House Innovation for Disaster Response and Recovery Demo Day 2014. Developed by GetAround Inc.

Download:	Apple	**Price: $0.00**

H

Hamilton County EMA

The Hamilton County Emergency Management Agency (EMA) app provides vital preparedness and warning information for the public in the state of Ohio. The app contains link emergency resources in addition to local weather information. The app also contains traffic and other information that links to Hamilton County EMA's social media sites. Developed by OCV, LLC.

Download:	Google	Apple	**Price: $0.00**

Har-Bro Emergency

The Har-Bro Emergency app is a tool to assist users in emergency situations. It provides basic first aid tips, SOS flashlight, and alerts. It includes a "Find Me" GPS locator that will allow emergency contacts to locate the user if lost. To enable the "Find Me" applicator, GPS must be enabled on the phone. Developed by Mad Haus Creative, Inc.

FEATURES

- SOS Strobe feature
- The ability to make phone calls to Har-Bro locations
- The ability to send SMS messages with usersr location coordinates to usersr emergency contact person

Download:	Google	**Price: $0.00**

HealthMap: Outbreaks Near Me

This app provides information on all current outbreaks in users' respective neighborhoods, including news about H1N1/swine flu. It has a feature to search and browse outbreak reports on an interactive map. Users are automatically notified when there are outbreaks in their areas. Developed by HealthMap (Google) and John Brownstein (Apple).

Download:	Google	Apple	**Price: $0.00**

I

ICE: In Case of Emergency
This app stores important personal information so that first responders and hospital staff can locate important information in the event of an emergency. ICE allows for users to create and save an emergency contact list, which calls directly from the app. Users can also input information regarding insurance coverage and the contact information for their personal physician. Developed by Clusor LLC.

Download:	Google	Apple	**Price: $0.00**

iMap Weather Radio
This app allows for users to receive critical voice and text alerts regarding threatening weather conditions. With this app, users will be able to listen to local weather forecasts while mobile. Developed by Weather Decision Technologies Inc.

Download:	Google	Apple	**Price: $4.99**

iMPrepared
iMPrepared is an app that helps users plan for emergencies. It features a flashlight, compass, S.O.S. signal, and links to disaster RSS feeds. It enables family preparedness planning by allowing users to record contact numbers, medical information, and insurance policies in a protected, mobile, and readily available location. Developed by A.I. Solutions Inc.

Download:	Apple	**Price: $0.00**

L

Life 360° Family Locator
This app allows for users to locate and contact family members and friends. Users can share their locations and receive automatic notifications when family and friends arrive at safe locations. Developed by Life 360.

FEATURES

- Find family & friend locations on a private Map
- Know when family members are safe or needs help
- Chat one-on-one or with everyone within each of the users' "Circles"
- Get alerted when a Circle member reaches a destination

Download:	Google	Apple	Windows	**Price: $0.00**

M

Mississippi Emergency Management Agency (MEMA)
This mobile app is intended to help citizens and visitors to Mississippi better prepare for disasters, whether natural or manmade. The MEMA allows the public to find emergency information, preparedness tools, weather radar, and several other options like statewide highway information. Developed by OCV, LLC.

FEATURES

- MEMA news releases.
- How to contact MEMA.
- Weather alerts for the entire state.
- Weather radar.
- MEMA's social media.
- Other emergency alerts.
- Active shelter information during a disaster.
- FEMA information.

Download:	Google	Apple	**Price: $0.00**

Mobile Emergency
Mobile Emergency app assist users to manage emergencies in hospitals and large areas via mobile devices. With this application users can: notify, get the current status, get the current position via barcodes, find the right path to get out of the critical area, get help to solve contingency problems, and be informed of any changes. Developed by Universita' Degli Studi Di Firenze.

Download:	Apple	**Price: $0.00**

MyMedList
This app allows for users to securely store personal information about their medication lists and contact information for doctor's offices and hospitals. Medication lists can be printed and emailed. This app can also serve as a reminder for taking medications. Developed by American Medical Association.

Download:	Apple	**Price: $0.99**

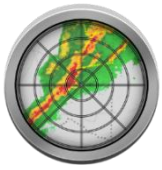
P

Ping4alerts!
Ping4alerts! is a local emergency alert app for public safety that keeps users informed and up to date on important local emergency alerts, critical news and events. Users will receive location-based alerts based on their selected preferences and proximity to specific events. Users are also able to customize which alerts are received: weather alerts, AMBER alerts, traffic reports, fire, power outages, local events, natural disasters, and more. Developed by Ping4 Inc.
FEATURES

- 311, 411, hyper-local emergency alerts service
- Local business search tool

Download:	Google	Apple	**Price: $0.00**

R



Radar Express - NOAA Weather
The Radar Express app gives users instant access to a high resolution animated weather radar and all the local weather information users need provided by the NOAA National Weather Service. Developed by Appd Lab.

FEATURES

- Quickly view an HD animated Doppler weather radar for anywhere in the contiguous United States.
- Check the current temperature and other weather conditions in any U.S. city.
- Read the latest alerts and hazardous weather discussion from NOAA NWS in the area.
- Weather radar, alerts, and forecast all come directly from the local NOAA NWS office.

Download:	Google	Amazon	**Price: $0.00**

Ready Georgia
This app informs citizens and visitors of Georgia about disasters with local weather and public health alerts. The app helps locate hurricane evacuation routes and nearby Red Cross shelters that are open. The Ready Georgia app provides users with up-to-the-minute information that affects every Georgian.

The goal of the app is to provide an all-inclusive, singular mobile resource for Georgia residents to access accurate and timely information before and in the event of an emergency. Developed by the Georgia Emergency Management Agency.

FEATURES

- Local weather and public health alerts
- Maps of nearby American Red Cross shelters
- Checklist of emergency supplies
- Information on what to do during different types of emergencies
- Hurricane evacuation routes
- Disaster history for the location
- Map of historic tornado touchdowns

Download:	Google	Apple	**Price: $0.00**

Ready TN

The Ready TN app informs citizens and visitors in the state of Tennessee on disaster preparation, response, and recovery. The app is a tool to help citizens know the hazards in their community and the preparations they should take to be ready during any emergency. Updates on weather, road conditions, and information about shelters and recovery operations during and after emergencies are provided. Developed by the State of Tennessee.

Download:	Google	Apple	**Price: $0.00**

ReUnite

The ReUnite app allows users to upload information about missing and found persons for the purpose of family reunification during and after emergency incidents. The information is provided by the People Locator service of the National Library of Medicine. Developed by the National Library of Medicine at NIH.

Download:	Google	Apple	**Price: $0.00**

S

SD Emergency
The SD Emergency app contains disaster preparedness information, interactive checklists to help create an emergency plan, build an emergency supplies kit. When disaster strikes; the SD Emergency App will keep citizens and visitors to San Diego County, California informed with emergency updates, interactive emergency maps, and shelter locations. Developed by the County of San Diego.

Download:	Google	Apple	**Price: $0.00**

SeeClickFix
SeeClickFix is a mobile app that allows users to collectively improve towns and cities. If a user sees a problem (such as a pothole or water main break) they can take a photo of it, geographically tag it and hit submit. SeeClickfix publicly documents the issue and notifies local governments and others who can resolve the problem. This app was included in the White House Innovation for Disaster Response and Recovery Demo Day 2014. Developed by SeeClickFix.

Download:	Google	Apple	BlackBerry	Windows	**Price: $0.00**

SLIM Personal

SLIM Personal is a mobile app that provides school/facility staff with immediate access to emergency personnel using the mobile app or text message from any mobile phone. User credentials are required. Developed by Swiftreach Networks, Inc.

FEATURES

- Two-way communication with law enforcement.
- Panic button used to trigger building lock downs or other types of incidents
- Check-in function is used to display room location, room status, the number of people and medical status of the people in each room to incident management.
- SLIM™ system sends text messages, voice calls and/or emails to building occupants, 911 dispatch, first responders and/or the public with specific instructions based on the nature of the event.
- Photos can be taken on the scene and sent with a note to incident management as well.
- Floor plans showing all the rooms on the floor as well as in the building are easy to view and navigate.

Download:	Google	Apple	Windows	**Price: $0.00**

ASSISTIVE MOBILE APPS

The mobile apps presented in this section enhance the utility and usability of wireless products and services for people with disabilities. By providing a collection of these apps, people with disabilities may be able to better communicate with emergency managers or better use the apps presented in the previous section.

Through development, deployment, and adoption of mobile apps with inclusive design, knowledge of these apps may help people with disabilities overcome barriers to wireless technology. The apps included serve as a practical resource for consumers to use in addition to emergency mobile applications. These apps help assist consumers most at risk during an emergency to effectively communicate using their devices in order to receive emergency information. This list is not comprehensive.

A

AccessNote

The AccessNote app enables users who are blind or visually impaired to take notes, create documents, and access applications. The app allows users to combine efficient notetaking with many other features and functions of the iPhone, iPad, or iPod touch. The user interface is customized for the iPhone's screen reader, VoiceOver, an Apple Wireless Keyboard or an iPhone compatible braille display. This allows people who are blind or visually impaired to use the same popular devices that their sighted peers are using in classroom or business settings. Developed by the American Foundation for the Blind (AFB) in conjunction with FloCo Apps, with support from the Wireless RERC.

Download:	Apple	**Price: $0.00**

Ariadne GPS

The Ariadne GPS app provides voice overlay and turn by turn directions. Users can inquire about their position at any time. The app has a feature that will provide information to the users periodically. The Ariadne GPS app has other features that help when walking or traveling by bus, train etc. This app is completely accessible using VoiceOver and gives users access to information that is normally unavailable to people using the speech synthesizer and is therefore especially useful to blind and partially sighted people. Developed by Giovanni Ciaffoni.

Download:	Apple	**Price: $5.99**

Autism Xpress

The Autism Xpress app encourages users with autism to recognize and express emotions. The app displays 12 buttons, each a cartoon caricature of a facial expression of how one feels: happy, sad, hungry, etc. By pressing one of the buttons the app creates a full-screen image of the corresponding emotion. The app is designed to help teach recognition of emotions and facial expressions-a challenge for many autistic children. This app is useful during an emergency in a shelter environment, as well as when interacting with emergency response personnel. Developed by StudioEmotion Pty Ltd.

Download:	Google **Price: $1.96**	Apple **Price: $1.99**

B

BrailleTouch

The BrailleTouch app allows people who are blind or have low vision to easily type on a touchscreen. The app is based on the six-key braille keyboard found on the Perkins Brailler and many electronic braille notetakers. Users can enter braille on the touchscreen and hear each character and/or word as they type. The app comes in two forms lite and full version. The full version of BrailleTouch, is available as a $19.99 In-App Purchase. The full version allows users to send text messages, tweets, and emails from the touchscreen braille keyboard. Users can also copy text that they enter using braille and paste it into any other app on the iPhone. Developed by the BrailleTech, LLC, in partnership with the Wireless RERC and Georgia Tech School of Interactive Computing.

Download:	Apple	**Price: $0.00**

C

Citra

Citra is a communication app for children and adults with language impairments. Citra shares communication boards, schedule makers, and notes between multiple people providing services to the same person. Therapist, special needs teachers and/or parents can access the same lesson plans from the computer or tablet. A notes log provides constant communications between all caregivers supporting the child. Developed by the Tony Wells Foundation, in partnership with The Ohio State University, the Columbus Speech and Hearing Center and Wireless RERC.

Download:	Google	Apple	**Price: $0.00**

Color ID
The Color Identifier app uses the camera on an iPhone or iPod touch to speak the names of colors in real-time. It's an augmented reality app for discovering the names of the colors around users. It is useful for individuals who are the blind or have low vision. Developed by GreenGar Sudios.

Download:	Apple	**Price: $0.00**

D

Dragon Dictation
The Dragon Dictation app is a voice to text app. The app is helpful for people who are deaf or hard-of-hearing when communicating with emergency response personnel. Developed by Nuance Communications.

Download:	Apple	**Price: $0.00**

E

Eyes-Free Shell
This app turns a user's smartphone into an eyes-free communication device by providing one-touch access to applications. Users can move their finger over the screen to explore and lift their finger up to run what they stopped on. Developed by the Eyes-Free Project.

Download:	Google	**Price: $0.00**

F

Fleksy Keyboard - Happy Typing
The Fleksy app provides a keyboard that enables eyes-free typing. Fleksy predicts what words users meant to type even if they tapped on all the wrong letters. It looks at where the user taps and analyzes the overall typing pattern to understand the word was intended. Developed by Fleksy Inc.

FEATURES

- Multiple layout options
- The unique gesture system allows users to minimize the keyboard to three lines
- Choose to use the invisible keyboard to see 100% of the screen while accurately typing on the touchscreen.

Download:	Google **Price: $3.99**	Apple **Price: $0.99**

G

Grace
The Grace app is a picture exchange system designed to encourage independent social interaction among people with autism. With Grace, users select pictures to form a semantic sentences others can read on the iPad screen. Grace comes with a basic picture vocabulary. Stored images can be added to each category. The Grace app manual is available for free. Developed by Steven Troughton-Smith (Apple) and High Caffeine Content (Android and Kindle Fire).

Download:	Google **Price: $9.99**	Apple **Price: $26.99**	Amazon **Price: $9.99**

H

Hearing Companion
The Hearing Companion app helps individuals who are deaf or hard-of-hearing to identify sounds and noises in their environment (sirens, dog barking, backup beeper on truck, etc). Developed by CreateAbility Concepts.

FEATURES

- The app communicates with CreateAbility's server (cloud) to identify the sound.
- This communication is instantaneous and transparent to the user.

Download:	Google	**Price: $200.00**

I

IDEAL Accessible App Installer
The IDEAL Accessibility Installer is a mobile application that allows users to install other IDEAL Group applications that were designed to be accessible or assistive. The App Installer was also designed for educational and entertainment use for individuals with print disabilities. Developed by IDEAL Group, Inc. Android Development Team.

Download:	Google	**Price: $0.00**

IDEAL Currency Identifier
IDEAL Currency Identifier app is designed to assist individuals who are blind or have low vision to identify U.S. currency on Android mobile devices. The app handles three generations of U.S. currency notes beginning in 1993. Developed by Apps4Android, Inc., a subsidiary of IDEAL Group that focuses on developing accessible mobile applications in conjunction with IQ Engines, and the Wireless RERC.

Download:	Google	**Price: $0.00**

IDEAL Group Reader

The IDEAL Group Reader app is an accessible eBook reader that can read text aloud and highlight sections of text as they are being read, to accommodate the access needs of users with print disabilities. The app's full screen reading capabilities and accessible navigation features enable users to read both ePub2 and ePub3 books. The MathML feature provides users with access to math (and other science-based) technical publications and to enable publishers to convert and publish math texts as ePub3 texts. With support from the Wireless RERC, this app was developed by IDEAL Group/Apps4Android, Inc.

FEATURES

- Highlights sections of text as they are being read
- Display and read aloud in 25 languages
- Displays and reads MathML content.

Download:	Google	**Price: $0.00**

IDEAL Item Identifier

The IDEAL Item Identifier app is a barcode maker and reader. It enables users to create their own talking barcodes. When printed and scanned using the phone that was used to create the recording, the recording plays. The app also reads the product description if a UPC is scanned; reads the embedded string for a QR code. Developed by IDEAL Group, Inc.

Download:	Google	**Price: $0.00**

IDEAL Magnifier

The IDEAL Magnifier app turns the user's device into a portable video magnifier. It comes with color filter options for grayscale, invert colors, etc. Images appear is real time with no lag. Developed by IDEAL Group, Inc.

Download:	Google	**Price: $0.00**

IDEAL Self-Voicing YouTube Viewer
The IDEAL Self-Voicing YouTube Viewer app is an accessible YouTube viewer that enables users to browse, listen to, and view organized collections of entertainment content through the use of text-to-speech voices. Developed by IDEAL Group, Inc.

Download:	Google	**Price: $0.00**

iSpeech – Text to Speech
The iSpeech – Text to Speech app allows users use high quality text to speech synthesis to create audio from text content. The app also allows variations between the voices used in the app. The iSpeech App is powered by the iSpeech.org Text to Speech (TTS) software as a service (SaaS) API. Developed by iSpeech, Inc.

Download:	Google	Apple	**Price: $0.00**

K

Keyboard Tutor
The Keyboard Tutor app enables users to understand the layout of buttons and keyboards on smartphones without being able to see them by pressing any key and hearing that key spoken aloud. Developed by the Eyes-Free Project.

Download:	Google	**Price: $0.00**

L

LendAnEye
The Lend An Eye app mimics FaceTime and Skype video-calling to turn the user's phone into eyes that can be useful for a person who is blind or has low vision. Users double tap their phone to launch the app, which them contacts them to a volunteer. The volunteer becomes the "eyes," identifying everything they can see. Developed by Grey Group Pte Ltd.

Download:	Google	**Price: $0.00**

Light Detector
The Light Detector app generates a sound when the user's camera phone is pointed towards a light source. Light Detector transforms any natural or artificial light source it encounters into sound. The user will hear a higher or lower sound depending on the intensity of the light. Developed by EveryWare Technologies.

Download:	Apple	**Price: $0.99**

Living Safely
The Living Safely app provides self-paced learning on 27 safety skills for individuals with autism and developmental disabilities. The Living Safely app also uses the AbleLink Instructional Media Standard (AIMS) that provides step-by-step multimodal instruction using visual and auditory media. The accessible learning sessions include home and personal safety, strangers, and sun and cold-weather safety. Developed by AbleLink Technologies, Inc.

Download:	Apple	**Price: $29.99**

LookTel Money Reader
The LookTel Money Reader app instantly recognizes currency and speaks the denomination, enabling people who are blind or have low vision to quickly and easily identify and count bills. The user can use their device's camera to identify currency. Several currencies are supported including the US Dollar, Euro, British Pound, Canadian Dollar, and Australian Dollar. Developed by IPPLEX.

Download:	Apple	**Price: $9.99**

LookTel Recognizer
The LookTel Recognizer app allows users who are blind or have low vision to instantly recognize everyday objects such as packaged goods in the pantry, ID cards, items at the grocery store, or CDs in a music collection. Once a library has been built, users can point their camera phone at an object and the phone will recognize and describe the item. Developed by IPPLEX

Download:	Apple	**Price: $9.99**

M

Mobile Accessibility US

The Mobile Accessibility app is a screen-access application which allows people who are blind or have low vision to use an Android phone in an intuitive, easy and simple way. It comes with a suite of 10 accessible applications (Phone, Contacts, SMS, Alarm, Calendar, Email, Web, Where am I, Apps and Settings) which have been especially designed for people who are blind or have low vision. Users can connect their Braille display for a Braille output. The app also features a screen reader which allows users to get out of the suite and navigate the standard interface of the phone. Developed by Code Factory.

FEATURES

- Make calls, answer calls, hear the caller ID and manage their call log.
- Manage contacts, even those from social networks such as Facebook.
- Compose and read text messages. Manage conversations.
- Set alarms.
- Full web browser experience, similar to what users can find on their PC, navigating faster to information of interest and bookmarking favorite webpages.
- Create, edit and delete a calendar entry. View all events per day, week or month.
- Full access to Gmail account.
- GPS application that gives users updates on current location.
- Access the list of apps installed on the Android phone.
- Settings: Change ringtone. Configure feedback and notifications (vibration or audio). Configure keyboard echo, punctuation verbosity, speech pitch and rate, etc.

Download:	Google	**Price: $99.99**

S

SayText
The SayText app reads text in an image and is useful for people who are blind or have low vision. The SayText app is a free spin off product from the DocScanner team. Developed by Haave Oy.

Download:	Apple	**Price: $0.00**

ScanLife Barcode & QR Reader
The ScanLife Barcode & QR Reader app allows users to scan any QR Code or product UPC barcode to identify prices, deals & reviews for millions of items. Developed by Scanbuy Inc.

Download:	Google	Apple	**Price: $0.00**

Speak It!
The Speak it! app utilizes a text-to-speech engine that reproduces clear and natural sounding speech. The app allows users to copy emails, documents, web pages, PDF files, and paste them into Speak it!. Speak It! also allows users to create custom soundboards. Developed by Future Apps Inc.

FEATURES:

- Adjustable volume, as well as the speed of spoken text
- Change the font size of the text field
- In-purchase more than 20 voice variations
- Localized for French, Italian, German, and Spanish

Download:	Apple	**Price: $1.99**

Speech Magnet

The Speech Magnet app is a text to speech application. The app will automatically speak copied text from any app. It will also speak text that users enter manually. Configuring the options will allow users to automatically speak sentences as they are typed. These options are perfect for people that need an AAC (Augmentative and Alternative Communication) device. The app will speak text using different voices at variable speeds. Developed by Innoveaux LLC.

Download:	Apple	**Price: $1.99**

T

TapTapSee

The TapTapSee app is designed to help people who are blind or low vision identify objects encountered daily. Users can double tap the screen to take a photo of anything, at any angle, and hear the app speak the identification back to users (Note: Spoken identification requires VoiceOver to be turned on). Developed by Image Searcher Inc.

FEATURES

- Rotor reader
- Flash toggle
- Auto-focus notification
- Identify images from usersr Camera Roll
- Repeat last image identification
- Share identification via text, email, or social media

Download:	Google	Apple	**Price: $0.00**

TaskRabbit

The TaskRabbit app connects users to a service that finds safe and reliable help for individuals who are unable to perform a task. All tasks are fully insured up to $1M and the helpers have been carefully screened and interviewed to ensure that users have the best (and safest) experience getting tasks done. This app was included in the White House Innovation for Disaster Response and Recovery Demo Day 2014. Developed by TaskRabbit Inc.

FEATURES

- House cleaning: Can mop, vacuum, dust, make the beds, polish mirrors, clean dishes and counters, or scrub sinks and toilet.
- Handyman services: Can help with anything users need done at their house.
- Moving: Can help carefully pack, move, and unpack users into a new house, removing all trace of boxes on our way out.
- Errand running: Can pick up prescriptions, drop off dry cleaning, and ship packages.
- Grocery delivery: Groceries arrive hassle-free.

Download:	Google	Apple	**Price: $0.00**

V

Voice Dream Reader

The Voice Dream Reader app is a mobile TTS reader. The app comes with a pre-installed voice named Heather, plus 36 built-in voices and enhancements. There are 78 additional voice variations in 20 languages, available through in-app purchases. Voice Dream Reader can also load and extract text. After extraction, Voice Dream performs additional processing to optimize the text for text-to-speech. The app supports PDF, EPUB, Daisy 3.0, zipped mp3 files, plain text, rich text, and many other formats. Developed by Voice Dream LLC.

Download:	Apple	**Price: $9.99**

W

WalkyTalky
The WalkyTalky app is an accessible navigation aid. The app periodically updates with the users current location to the nearest street address. The app provides the ability to input a destination and directly launch Maps Navigation in “Walking” directions mode. Developed by Eyes-Free Project.

Download:	Google	**Price: $0.00**

Blank Page

ASSISTIVE TECHNOLOGY SOFTWARE & HARDWARE

Some individuals with disabilities may require additional software or hardware on their mobile phones and devices to easily use the mobile applications from the aforementioned sections. Therefore, this section presents a select list of useable tools to help navigate and improve the use of mobile emergency apps. This may increase the likelihood of consumers adopting one or more of these apps on their phone and thus increase their ability to prepare, respond and recover by empowering them with potentially life-saving information. As new tools are created frequently, this list may not be comprehensive.

C

ClickHear MOBILE™
ClickHear MOBILE is a talking tool that can be accessed on mobile devices. It allows users to navigate through webpages speaking, reading not only general text on a web page, but also text fields, buttons, and even alt text for images. “Speak selection” and “spell” options provide for a controlled learning and reading experience. With ClickHear MOBILE subscription users will receive a login and password. Subscriptions are available for either a single user or a domain license. For additional information, visit ClickHear MOBILE.

FEATURES

- Enables text to be read aloud at the reading comfort of the user
- Choose from three Nuance voices
- Variable text and highlighting color options
- Translates to several different languages: Spanish, French and German
- Configuration settings saved per user
- Click to hear any part of the web
- Play/Pause, Previous, and Next playback
- Set volume and speech rate to user needs

R

ReadHear™
ReadHear is a software reading system designed for reading NIMAS, DAISY Digital Talking Books, ePub/HTML, and plain text files while providing multiple sensory output. The system works with high contrast large text, recorded or synthesized speech, or Braille output. For additional information, visit ReadHear™ .

FEATURES

- Read DAISY, NIMAS, Save As DAISY XML, Plain Text files, ePub, and HTML
- Select from six synthesized voices
- Read MathML-embedded books with enhanced navigation
- Adjust color settings for custom contrast
- Use word tracking to highlight word-by-word
- Zoom up to 16x with the ability to pan around the document
- Navigate to any part of a book with ease

V

VelaSense®
VelaSense® is an application suite (software) for the elderly and those with vision challenges. It bundles various adaptive technologies in one device and one software package. VelaSense employs the use of GPS for point-to-point navigation, 4G LTE and WiFi for cloud computing, downloading software upgrades, and using social networking applications. It also uses Voice recognition for users issuing verbal commands. Compatible with Android devices (series 4.2 or higher). For additional information, visit VelaSense®.

FEAURES

- Locates and discerns text
- Recognizes faces and objects whose images are stored in the device's database or in the Verizon cloud
- Navigate around obstacles or direct the user to street addresses.
- Headset houses gyroscopes and accelerometers to ascertain head position and movement in order to stabilize the image
- Allows tiny vibrating motors to provide directional cues to the location of text, objects, faces, and obstacles in front of the user
- Able to deliver verbal commands to the device.

T

Telorion Vox
Telorion Vox is a solution adapted for Android smartphones with numeric silicone keypad and a talking interface, navigating through simple menus. The tool is an all-in-one Android mobile phone, pedestrian GPS, reading machine, MP3 player, voice recorder, and radio. It enables users who or blind or low vision to have a tactile feature for their touch screen smart phone. For additional information, visit Telorion Vox.

FEATURES

- Integrated voice recognition function, can dictate text messages or emails
- Adjustable reading speed
- Adjustable enunciation levels can be changed to read word by word, sentence by sentence or paragraph by paragraph.
- Talking pedestrian GPS
- Character recognition application is also available
- Other useful features: alarm, agenda, voice recorder, web browser, Daisy reader, a radio application, a newspapers, and color and light detectors.

Teleorion Zoom

Telorion Zoom is a software solution adapted for Android smartphones that offers advanced options for enlarging characters and vocalizing screens. It is an all-in-one mobile phone, pedestrian GPS, electronic magnifier, MP3 player, book reader, and radio. For additional information, visit Telorion Zoom.

FEATURES

- The constant adaptation of texts to the screen.
- Adjustable character size with a simple 2-finger gesture.
- No parasite graphic element, to display text and only text.
- Contrasted colors themes (white on black, black on white, yellow on blue).
- Switching from a visual to a vocal use of the smartphone
- Electronic magnifier offering a two-color display with three highly contrasted themes.
- Character recognition option to vocalize texts.

Index

Alerts and Warnings
- Disaster Alert 13
- ping4alerts! 23

American Red Cross
- Earthquake 7
- First Aid 8
- Flood 8
- Hurricane 9
- Pet First Aid 9
- Shelter Finder 10
- Tornado 10
- Wildfire 11

Communication
- EC4All
  - Emergency Communication for Al ... 15

Developmental Assistance
- Autism Xpress 29
- Grace 32
- Living Safely 36

Earthquake
- Earthquake ..... *See* American Red Cross

ELERTS
- ELERTS Campus 17
- ELERTS Lock It Down 16
- ELERTS Medic 15
- ELERTS Stadium 17
- ELERTS Transit 16

Emergency Management Agencies
- Baldwin County EMA 12
- Bogota Office of Emergency Management 12
- Cullman EMA 12
- FEMA 18
- Get A Game Plan 19
- Hamilton County EMA 20
- Mississippi Emergency Management Agency 22
- Ready Georgia 24
- Ready TN 25
- SD Emergency 26

Family
- Disaster Prep 13
- Disaster Preparedness Guide: Family and School Edition 14
- Disaster Ready 14
- f-Ready 18
- ICE: In Case of Emergency 21
- iMPrepared 21
- Life 360° Family Locator 22
- ReUnite 25

Fire
- Firefighter Log 19
- Wildfire ..... *See* American Red Cross

Flood
- Flood ..... *See* American Red Cross

GPS
- Ariadne GPS 29
- f-Ready ..... *See* Family
- Har-Bro Emergency 20
- Teleorion Zoom 47
- Telorion Vox 46
- WalkyTalky 42

Hearing Assistance
- ClickHear MOBILE 45
- Dragon Dictation 31
- EC4All
  - Emergency Communication for Al .. *See* Communication
- Hearing Companion 33
- IDEAL Self-Voicing YouTube Viewer ..... *See* IDEAL
- ReadHear 45
- Speech Magnet .. *See* Language Assistance
- Voice Dream Reader 41

Hurricane
- Hurricane ..... *See* American Red Cross: Hurricane

IDEAL
- IDEAL Accessible App Installer 33
- IDEAL Group Reader 34

IDEAL Item Identifier 34
IDEAL Magnifier..... 34
IDEAL Self-Voicing YouTube Viewer 35
Language Assistance
Citra..... 30
ClickHear MOBILE.....*See* Hearing Assistance
Dragon Dictation..*See* Hearing Assistance
IDEAL Group Reader.....*See* IDEAL
IDEAL Item Identifier .....*See* IDEAL
iSpeech – Text to Speech..... 35
Speak It!..... 39
Speech Magnet..... 40
Medical
ELERTS Medic.....*See* ELERTS
First Aid ..... *See* American Red Cross
Mobile Emergency..... 23
MyMedList 23
OCV, LLC
Baldwin County EMA .....*See* Emergency Managment Agencies
Bogota Office of Emergency Management.....*See* Emergency Management Agencies
Cullman EMA.....*See* Emergency Management Agencies
Hamilton County EMA.....*See* Emergency Management Agencies
Pandemic
HealthMap: Outbreaks Near Me 20
Pet
Pet First Aid ..... *See* American Red Cross
Response
Disaster Survival Guide 14
Emergency Aid 18
iMPrepared..... *See* Family
School
Disaster Preparedness Guide: Family and School Edition..... *See* Family
ELERTS Campus.....*See* ELERTS
ELERTS Lock It Down .....*See* ELERTS
SLIM Personal 27
Shelter
Airbnb ..*See* White House Innovation Day
Shelter Finder.... *See* American Red Cross
Tornado
Tornado..... *See* American Red Cross
Vision Assistance
AccessNote 29
Ariadne GPS ..... *See* GPS
BrailleTouch 30
Color ID 31
Eyes-Free Shell 31
Fleksy Keyboard - Happy Typing..... 32
IDEAL Accessible App Installer .....*See* IDEAL
IDEAL Item Identifier .....*See* IDEAL
IDEAL Magnifier.....*See* IDEAL
Keyboard Tutor 35
LendAnEye 36
Light Detector 36
LookTel Money Reader 37
LookTel Recognizer..... 37
Mobile Accessibility US 38
SayText 39
ScanLife Barcode & QR Reader..... 39
TapTapSee 40
Teleorion Zoom ..... *See* GPS
Telorion Vox..... *See* GPS
VelaSense..... 46
WalkyTalky..... *See* GPS
Weather
iMap Weather Radio 21
Radar Express - NOAA Weather..... 24
White House Innovation Day
Airbnb 7
GetAround..... 19
SeeClickFix..... 26
TaskRabbit 41
Wireless RERC
AccessNote .....*See* Vision Assistance
BrailleTouch .....*See* Vision Assistance
Citra.....*See* Language
IDEAL Accessible App Installer .....*See* IDEAL
IDEAL Group Reader.....*See* IDEAL