The Global Accessibility Reporting Initiative

GARI

May 2013
What is the MMF?

International association of radio equipment manufacturers:
- representing around 80% of global handset sales
- providing the majority of global network infrastructure

Association's focus:
- health, safety and accessibility of wireless telecommunications equipment

Key areas of activity:
- research and standards support, regulatory harmonisation and public communications
The GARI project

GARI...

• stands for Global Accessibility Reporting Initiative

• promotes awareness of the various accessibility features of mobile phones, tablets and apps

• offers a centralised source of accessibility information about mobile devices

• assists consumers in finding an appropriate device to meet their needs

• lists models released after 1 October 2008 by MMF members as well as participating third party companies
The GARI template:

- has been designed taking into account Australian, European and US requirements
- features over 100 accessibility criteria offered on individual handsets
- offers one of the most comprehensive guides on what accessibility features are available on mobile phones and tablets
- is being reviewed annually to take into account stakeholder feedback and technology developments
Almost one in five of the world's population lives with some kind of recognized disability. Sooner or later, everyone will develop at least some limitations in vision, hearing, dexterity or learning. To improve usability for those of us with sensory or physical limitations, phones have features for accessibility, which are continually improving and becoming more prevalent as technologies advance.

The Global Accessibility Reporting Initiative (GARI) is a project designed to help consumers learn more about the various accessibility features of mobile phones and to help them identify phones with the features that may assist them with their particular needs.

You can find more information about particular features and how they might be of assistance on the various pages of this site and when you are ready to search for a phone - just click on the 'Find Phones' link in the navigation bar above.
Learn about Mobile Accessibility
Find Accessible Devices & Apps

We help consumers to find a device with the accessibility features that work best for them.

What do you want to find?

- **Phones**
  Narrow down and compare options from different manufacturers.

- **Tablets**
  Compare the accessibility features you need.

- **Mobile Apps**
  Which devices support the accessibility apps you love?

Almost one in five of the world's population lives with some kind of recognized disability.
Find accessible devices and apps: Mobile apps

Find Phones & Tablets
Compare features from different manufacturers.

Find Mobile Apps
Which devices support the accessibility apps you love?

Find apps for...
- Mobility/Dexterity
- Vision
- Hearing/Speech
- Cognition
- Apple
- Android
- Other

App Lookup
Already know what you're looking for?

Keyword or App Name

Let's see some apps

Or browse all apps

Are you a developer?
Send us the details of your accessibility-related mobile app and we'll add it to our database!

Submit App

Or browse all apps
The new GARI:

• has been designed to be more accessible
  • HTML5
  • CSS3 (including a special CSS class for screen readers), JQuery (using appropriate accessible scripts)
  • WAI-ARIA (particularly Live Regions for search update pages)
  • semantic tables for JAWS screen readers

• will be launched in July 2013

• is offered in 13 written languages and 1 sign language (with the potential to have more languages)

• has two new sections:
  • tablets
  • apps
Why include accessible apps in GARI?

• provide the consumer with a more complete picture of the true accessibility of the device

• apps are opening new ways of customising mobile devices and making them more accessible

• consumers will be able to choose the device that supports their favourite app(s)
You searched for “vco”: 4 apps found

**Intersection Explorer by Google**
*Available on*: Android  
*Supports*: Vision  
Intersection Explorer helps blind users explore their neighborhood.

**ntouch Mobile**
*Available on*: Android, iPhone 4, iPhone4S, iPhone5, iPad2  
*Supports*: Hearing, Speech  
The ntouch app provides full video relay support, 1-Line Voice Carry Over (VCO), Deaf SignMail®, built-in network detection, Firewall Traversal features, and much more.

**iConverse**
*Available on*: iPhone 4, iPhone4S, iPhone5, iPad2  
*Supports*: Hearing, Speech, Cognition  
iConverse gives users the ability to carry an AAC device in their pocket creating a means of communication that is appropriate, effective and discreet.
Intersection Explorer by Google

App Details

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Compatible with</td>
<td>iOS5, iOS6, Windows Phone 7, Android Honeycomb 3.0</td>
</tr>
<tr>
<td>App Website</td>
<td><a href="http://www.devwebsite.com">http://www.devwebsite.com</a></td>
</tr>
<tr>
<td>Developer</td>
<td>Google</td>
</tr>
<tr>
<td>App on Google Play Store</td>
<td>See it</td>
</tr>
<tr>
<td>Compatible Devices</td>
<td>[SEE COMPATIBLE PHONES &amp; TABLETS]</td>
</tr>
</tbody>
</table>

Description

Intersection Explorer helps blind users explore their neighborhood.

Intersection Explorer speaks the layout of the streets and intersections in neighborhoods as you touch and drag your finger around the map. This helps blind and low vision users get an understanding of a neighborhood both before venturing out and while on the go.

TO USE INTERSECTION EXPLORER:
* Start at your current location or enter a new location from the menu
* Touch the screen to speak the streets at the nearest intersection
* Drag your finger along a compass direction or drag in a circle to speak each street that you cross with their compass direction

Screenshots

Moved 21 meters to right onto Unnamed road from Howard St
Accessible app developers:

- are invited to register their accessible apps for free on GARI
- just go to www.mobileaccessibility.info/appdevelopers/registration.cfm and fill-in the pre-registration form
- applications will be displayed in conjunction with devices that run the operating system specified for the app
- registration in GARI is free and a great way to reach more audience
How to participate in GARI - II

Manufacturers:

- GARI is open to MMF members and third party companies
- non-members can choose to display only several models or join MMF’s accessibility working group and display as many models as they wish
- GARI offers reporting functionalities needed for several countries
**Lumia 620 (USA)**

**Product Details**

<table>
<thead>
<tr>
<th>Manufacturer/Importer:</th>
<th>Nokia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Brand(s):</td>
<td>Nokia</td>
</tr>
<tr>
<td>Models:</td>
<td>Lumia 620 (USA)</td>
</tr>
<tr>
<td>Date Completed:</td>
<td>May-13-2013</td>
</tr>
<tr>
<td>Compatible Apps</td>
<td>See Compatible Apps</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COGNITION FEATURES</th>
<th>DETAIL</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time-Independent Responses</td>
<td>Yes</td>
<td>When the phone displays an alert or a question that requires you to give an answer, e.g. by clicking a “Yes” or “No” button or by typing in your PIN number, it will wait for your response. This can be helpful for people who find it difficult to decide what to answer or to enter the answer quickly.</td>
</tr>
<tr>
<td>Time-Dependent Response Adjustment</td>
<td>Yes</td>
<td>When the phone displays an alert or a question that requires you to give an answer, e.g. by clicking a “Yes” or “No” button or by typing in your PIN number, you may need to respond within a certain time. But you can adjust how long that allowed response time is. This can be helpful for people who find it difficult to decide what to answer or to enter the answer quickly.</td>
</tr>
<tr>
<td>Simple Reminders</td>
<td>Yes</td>
<td>All text alerts and other reminders that are displayed on the screen use simple, easy to understand language.</td>
</tr>
<tr>
<td>Assistance Instructions</td>
<td>Yes</td>
<td>When you need to provide input (e.g. when setting up the phone or when it asks you a question), extra helpful instructions are provided, explaining what you need to do.</td>
</tr>
<tr>
<td>Adjustable Scroll Speed</td>
<td>Yes</td>
<td>With long messages that take up more than a single screen, you have to scroll down to read the whole message. You can adjust the speed of the scrolling, making it easier to read for some people.</td>
</tr>
<tr>
<td>Photo Associated Telephone Book</td>
<td>Yes</td>
<td>You can add photos of people next to their numbers in your contact list (a personal ‘telephone book’ you create in the phone).</td>
</tr>
<tr>
<td>Simple Instructions</td>
<td>Yes</td>
<td>Instructions and messages that are displayed on screen use simple language.</td>
</tr>
<tr>
<td>GPS capability</td>
<td>Yes</td>
<td>The device has Global Positioning System (GPS) capability.</td>
</tr>
<tr>
<td>Simplify display</td>
<td>Yes</td>
<td>Allows you to disable or conceal unneeded features/programs or icons.</td>
</tr>
<tr>
<td>Voice notes</td>
<td>Yes</td>
<td>Allows you to record, save and play back a short voice reminder.</td>
</tr>
</tbody>
</table>
Who uses GARI so far?

Where to find GARI?

- CTIA accesswireless.org
Who uses GARI so far?

Where to find GARI?

• Fédération Française des Télécoms: La base GARI, la référence sur l’accessibilité des appareils mobiles
Who uses GARI so far?

Where to find GARI?

- Informationszentrum Mobilfunk

http://mobileaccessibility.info/findphones.cfm?lang=eng
Who uses GARI so far?

Where to find GARI?

- Autoridade Nacional de Comunicações (ANACOM)
Who uses GARI so far?

Where to find GARI?

- Australian Mobile Telecommunications Association (AMTA)
GARI on Twitter: @GARIupdates

GARI page on Facebook: https://www.facebook.com/MobileAccessibility