



**GARI**

GLOBAL ACCESSIBILITY  
REPORTING INITIATIVE

## **Promoting mobile accessibility**




Helping people find devices that best suit their needs and promoting mobile accessibility on national level.

Welcome to the Mobile & Wireless Forum

We are an international association of companies with an interest in mobile and wireless communications including the evolution to 5G and the Internet of Things.

[More About Us](#)

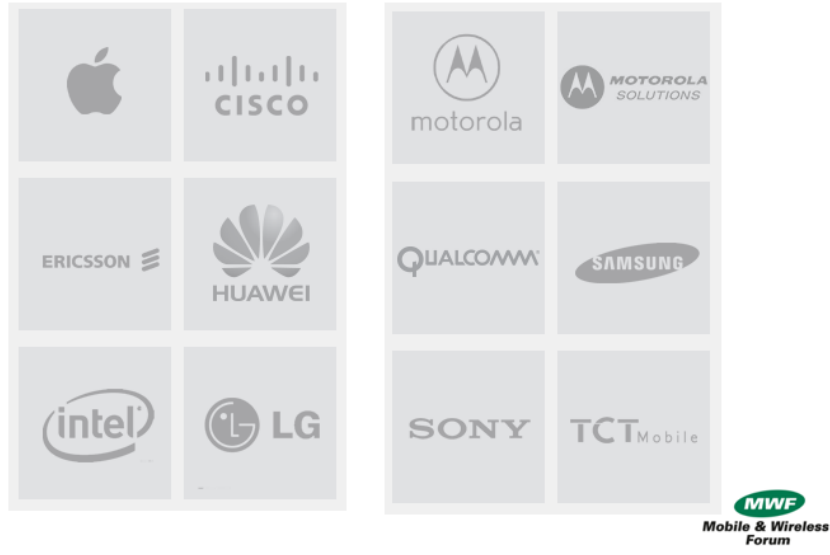


ISSUES THAT WE WORK ON

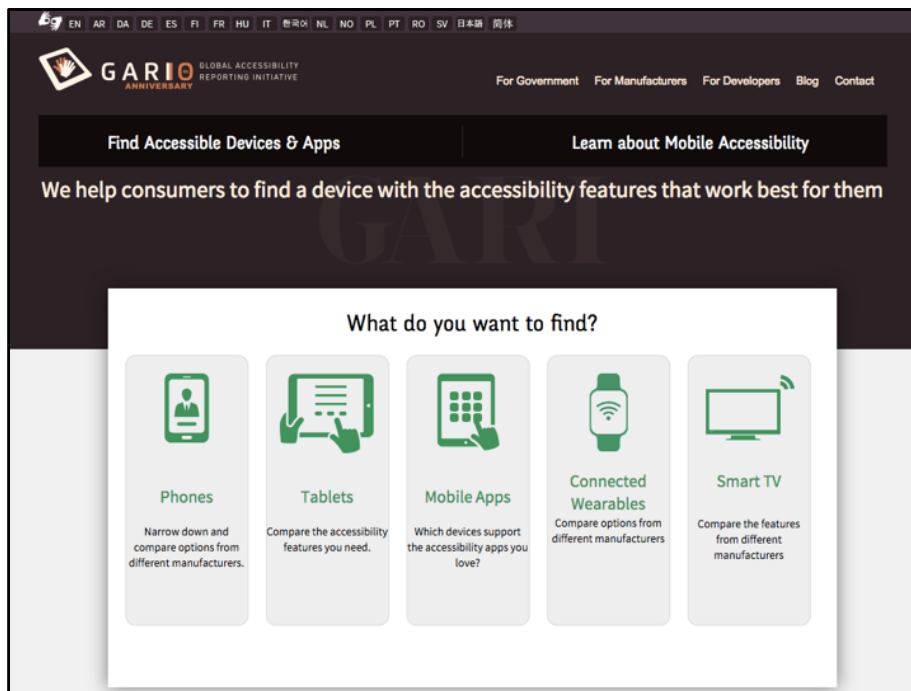
GARI	EMF & Health	SAR	FAKE
<b>Accessibility</b>	<b>EMF &amp; Health</b>	<b>SAR Compliance</b>	<b>Counterfeit Devices</b>
Search for mobile devices and assistive apps that best fit your needs.	Learn more about wireless technology and electromagnetic fields	Testing devices for compliance with national standards.	How to spot fake mobile devices.
<a href="#">Visit this Site</a>	<a href="#">Visit this Site</a>	<a href="#">Visit this Site</a>	<a href="#">Visit this Site</a>

The Mobile & Wireless Forum (MWF) is the international association of telecommunications equipment manufacturers. In 2008 already, our member companies recognised that more needed to be done to inform consumers about the accessibility of devices and so the GARI database was created. GARI's mission is to provide information on the accessibility features in mobile phones and to help consumers find devices that have features that can best help them in their individual situations.

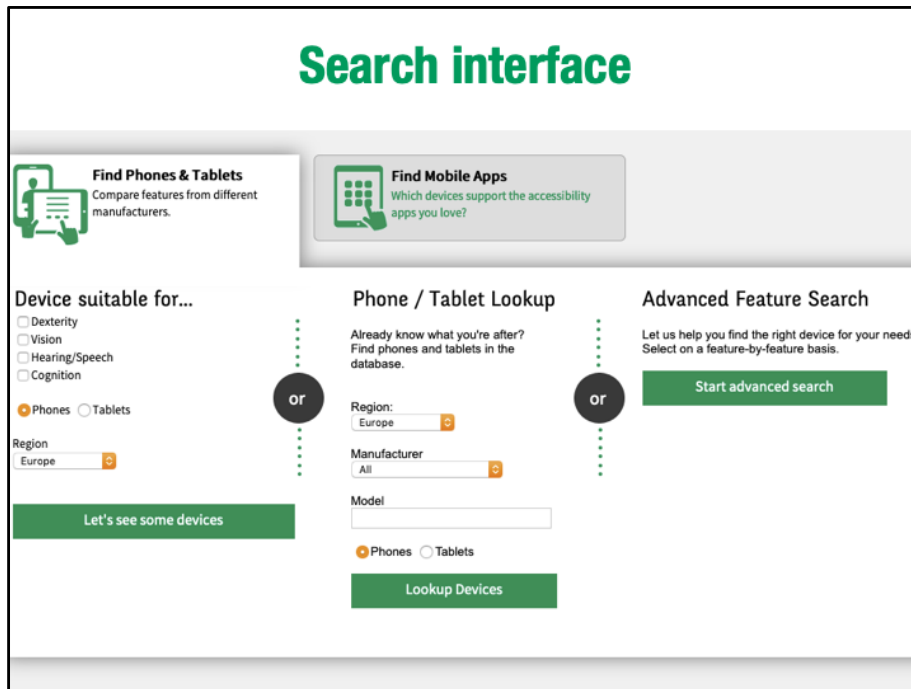
## MWF member companies



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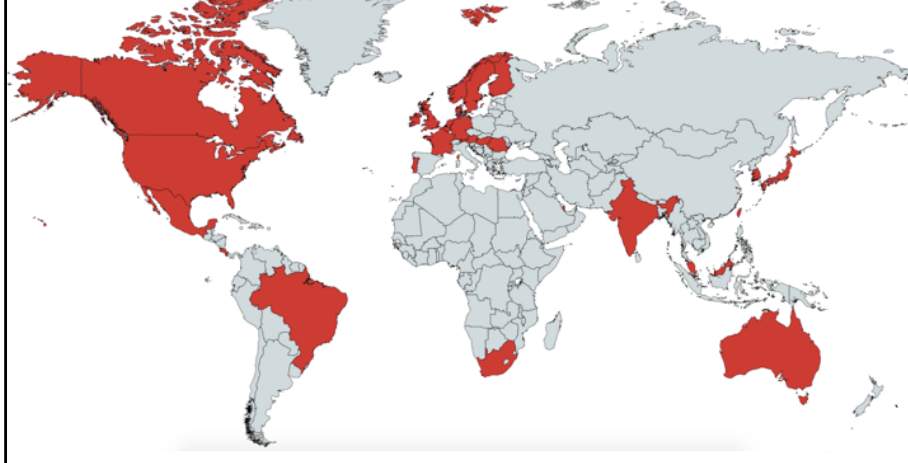


Today, GARIO – or in its full name the Global Accessibility Reporting Initiative – is an online database where you can find information on the accessibility features in over 1,500 devices including mobile phones, tablets, Smart TVs and Wearables. You’ll also find information on accessibility apps that work on these devices. The database is freely accessible online, available in 18 languages and is used by governments, user organisations, telecom providers and many other stakeholders around the world.



In the GARI database, you find information on 121 accessibility features in mobile phones, 67 accessibility features in tablets, 61 accessibility features in Smart TVs and 52 accessibility features in Wearables.

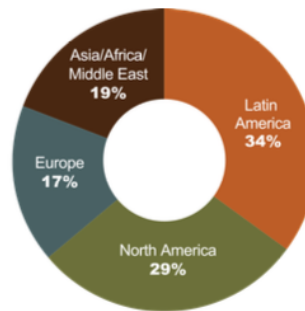
## GARI's reach:



GARI registers over 650,000 page views per month, is used by 9 governments around the world and 40+ organisations. 25 companies participate in GARI and the database and website are available in 18+ languages.

## Who is using GARI?

- Consumers
- Governments
- Telecom providers and device retailers
- User organisations, occupational therapists, universities.....



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### **Consumers:**

A comprehensive searchable database of accessible devices in multiple languages.

A central source of information for accessibility features in mainstream devices.

### **Governments:**

A set of accessibility features that is far more extensive than any country's existing requirements.

A tool that can help fulfil obligations under the UN Convention on Rights for Persons with Disabilities (UNCPRD).

A database to demonstrate product compliance with national regulations.

An easy to use gateway to provide consumers with information regarding the accessibility features of devices available in-country.

A tool to encourage greater awareness of accessibility within industry as well as amongst the public.

### **Telecom providers and device retailers:**


An overview of the accessibility features in devices allowing retail and help-

desk operators to easily assist customers.

**How can you use GARI?**

- link to GARI
- subscribe to the GARI data feed
- offer information about accessible devices available in-country to your constituencies
- use GARI for training
- use GARI for product selection





Catálogo de dispositivos móviles accesibles

**Búsqueda simple** BÚSQUEDA AVANZADA

**Selecciona primero una discapacidad para empezar a hacer la consulta.**

1) Selecciona un tipo de discapacidad.

<input type="checkbox"/>	<b>Motriz</b>	<input type="checkbox"/>	<b>Auditiva</b>
<input type="checkbox"/>	<b>Visual</b>	<input type="checkbox"/>	<b>Cognitiva</b>

2) Selecciona de uno a tres equipos.

**Móviles seleccionados**

3) Para ver características da clic en "ver características" y si quieres quitar un elemento da clic en el tache rojo sobre cada equipo.

BORRAR SELECCIÓN

VER CARACTERÍSTICAS

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**Contáctanos**

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03720

**Redes Sociales**    **App**

The Mexican regulator IFT has created their own catalogue of accessible devices available in Mexico using the GARI data. Link:  
[http://movilesaccesibles.ift.org.mx/catalogo\\_desktop/app/web/busqueda.php](http://movilesaccesibles.ift.org.mx/catalogo_desktop/app/web/busqueda.php)

# Regulations & compliance

- Australia's Telephone Equipment Industry Code C625
- US: Section 508
- European Accessibility Act in the future

## GLOBAL ACCESSIBILITY REPORTING INITIATIVE (GARI) MOBILE HANDSET/DEVICE REPORT

Manufacturer:	GARI Admin
Product Brand(s):	MMI
Model:	Device A
Region:	Europe/Latin America
Phone Shape:	Smart Phone
Website and/or contact:	<a href="http://www.gari.info">www.gari.info</a>
Date Completed:	Jul-3-2018
Completed By:	Michael Milligan
Expiration:	Jun-19-2018



Feature	Description	Detail
<b>HARDWARE &amp; SYSTEM INFORMATION</b>		
Dedicated and clearly distinguishable key to lock the screen	The device has a dedicated and clearly distinguishable key to lock the screen.	Information Not Available
Dedicated and clearly distinguishable volume keys	The device has dedicated and clearly distinguishable volume keys.	Information Not Available
Manufacturer custom overlay of OS	The device runs a customised manufacturer overlay of the operating system.	Information Not Available
Emergency services & location	Does the device support handset-based location, on top of network-based location, to locate the call when calling emergency services?	Information Not Available
Display Characteristics - Main Display Size	Size of the main display (diagonal in inches)	5 inches
External Keyboard Support	You can connect an external keyboard to the device.	Yes
Supports ability to install third party applications or apps	You can install third party applications for example from an approved application store.	Yes
Internet Capability	You can use the phone to browse websites and use other internet-based services.	Yes
Display Characteristics - Screen Flicker	The main display does not flicker at a rate that could cause problems for people with photo-epilepsy (between 2 Hz and 60 Hz)	Yes
Display Characteristics - Main Display Resolution	The number of dots (called pixels) used to display text and images on the main display. More dots means more detail.	480 x 854 pixels
Display Characteristics - Main Display Size	Size of the main display (dimensions in millimetres)	62.5 x 111 mm
Backlight for Keypad	Keys light up so the numbers and labels are easier to read.	N/A
Differentiation of Function Keys	The number keys have a different colour or shape from the other keys, making them easier to tell apart by touch or by sight.	N/A
Lanyard Pin for keyring or Lanyard Strap	Has a small bar allowing a keyring or neck strap (lanyard) to be attached.	No

## Examples of GARI in use

### Government

Brazil: Agência Nacional de Telecomunicações (Anatel)

[http://www.anatel.gov.br/consumidor/index.php?option=com\\_content&view=article&id=13&Itemid=350](http://www.anatel.gov.br/consumidor/index.php?option=com_content&view=article&id=13&Itemid=350)

Belgium: Belgian Institute for Postal services and Telecommunications (BIPT)

<http://www.bipt.be/en/consumers/faq/157-where-can-i-find-equipment-appropriate-for-persons-with-disabilities>

Denmark: Danish Energy Agency

<https://ens.dk/ansvarsomraader/telefoni/rettigheder-paa-teleomraadet> => Click on "Forbrugere med særlige behov"

Finland: Finnish communications regulatory authority (FICORA)

<https://www.viestintavirasto.fi/en/internettelephone/purchasingatelephoneandbroadbandssubscription.html>

France: Autorité de Régulation des Communications Électroniques et des Postes (ARCEP)

<http://www.arcep.fr/?id=9607>

Mexico: Instituto Federal de Telecomunicaciones (IFT)

[http://movilesaccesibles.ift.org.mx/catalogo\\_desktop/app/web/busqueda.php](http://movilesaccesibles.ift.org.mx/catalogo_desktop/app/web/busqueda.php)

Portugal: Autoridade Nacional de Comunicações (ANACOM)

<http://www.anacom.pt/render.jsp?contentId=1142009#.Vh6gWaJhrwQ>

Romania: National Authority for Management and Regulation in Communications (ANCOM)

[http://www.ancom.org.ro/en/baza-de-date-telefoane-persoane-dizabilitati\\_5252](http://www.ancom.org.ro/en/baza-de-date-telefoane-persoane-dizabilitati_5252)

United States: Federal Communications Commission (FCC) Accessibility Clearinghouse

<http://ach.fcc.gov/products-and-services>

United States: Partnership on Employment & Accessible Technology (PEAT)

<http://www.peatworks.org/content/accessibility-and-employment-what-people-disabilities-need-know>

An overview of governments and organisations actively using and link to GARI can be found here: <http://www.gari.info/government.cfm>

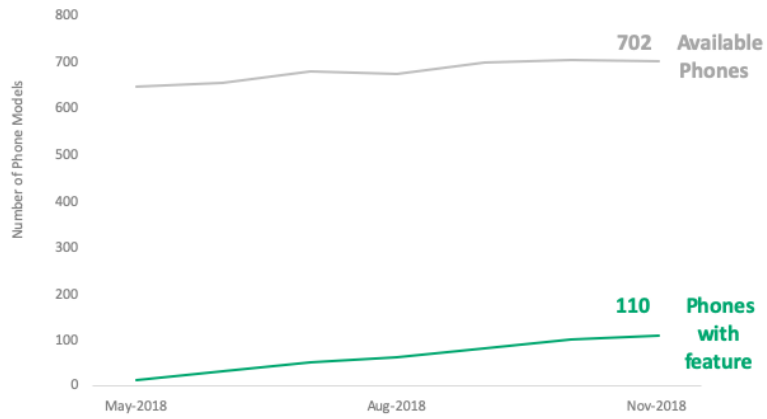
## 5<sup>th</sup> GARI Feature Review

- detailed feedback from 10+ organisations from 11 countries on 4 continents
- 30 new features proposed
- suggestions for improving the UX



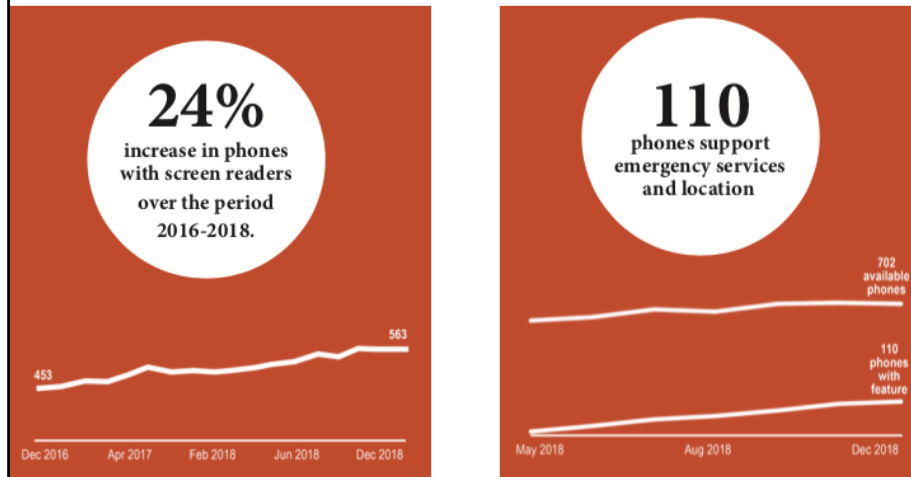
In 2019, the MWF will carry out the 5th GARI feature review, inviting accessibility stakeholders from all over the world to give feedback on the features currently listed in GARI.

## 110 Phones support Emergency Services & location



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## Uptake of Features




The feature “emergency services and location” is a good example for a feature that was proposed by stakeholders in the last feature review, integrated in the database, and since then is found in more and more devices.

**Over 100 accessibility features – how to know where to look first?**



Following onto this clearly expressed need for more information and education on accessibility features – both among the users who need these features as well as among the people who support and work with them – we tried to simplify the information on accessibility features in mobile devices by creating a GARI Feature Guide<sup>1</sup>, explaining in a succinct way what kind of features exist in today's devices and what situation they might be helpful in, as well as a table with GARI Accessibility Features at a Glance.<sup>2</sup>

Footnote 1: <http://www.mwfai.org/docs/eng/MWF%5FGARI%5FFeatureGuide2%2Epdf>  
Footnote 2: <http://www.mwfai.org/docs/eng/MWF%5FGARI%5FFeaturesAtaGlance%2Epdf>



**One project, one source – many uses**

**Governments and regulators** around the world use GARI to:

- Provide their citizens with information on mobile accessibility solutions.

Telecom providers use GARI to:

- Better serve their customers with accessibility needs.
- Select an accessible portfolio of devices.

The broad public uses GARI to:

- Learn about mobile accessibility.
- Get an understanding of today's technological possibilities.

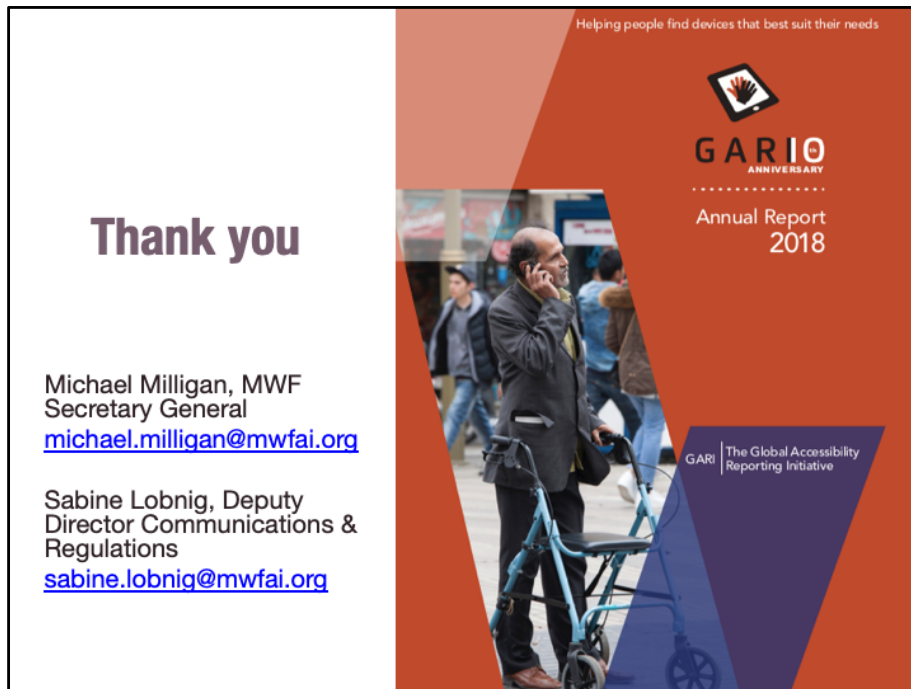
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The GARI Annual Report 2018 is available online:  
<http://www.mwfai.org/docs/eng/MWF%5FGARI%5F2018AnnualReport%2Epdf>

## What GARI offers

- A set of accessibility features more extensive than any country's existing requirements.
- A tool that helps fulfil obligations under the UN Convention on Rights for Persons with Disabilities (UNCPRD).
- An easy to use gateway for consumers on the accessibility features of devices available in-country.
- One central reporting tool for accessibility features in devices, accepted by a number of regulatory authorities around the world.





[www.gari.info](http://www.gari.info)

Please contact us if you would like to have a copy of the GARI Annual Report and/or participate in the feature review.