Global Accessibility Reporting Initiative

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NMHH ICT Accessibility Workshop

Novotel Budapest Danube, Bem rakart 33-34, 1027 Budapest

13 November 2017

Why GARI ?

help consumers

to find a device

with the accessibility features

that work best for them

GARI Key Points

- **G**lobal **A**ccessibility **R**eporting **I**nitiative
- Centralised **source** of accessibility information
- All **world** regions, **5 product categories**
- **1100+** mobile phone **models**
- **360+** accessibility related **apps**
- **110** accessibility **features**
- **17+ languages**
- Consumer **guide** & producer **reporting** tool

www.gari.info

GARI: Used Around the World
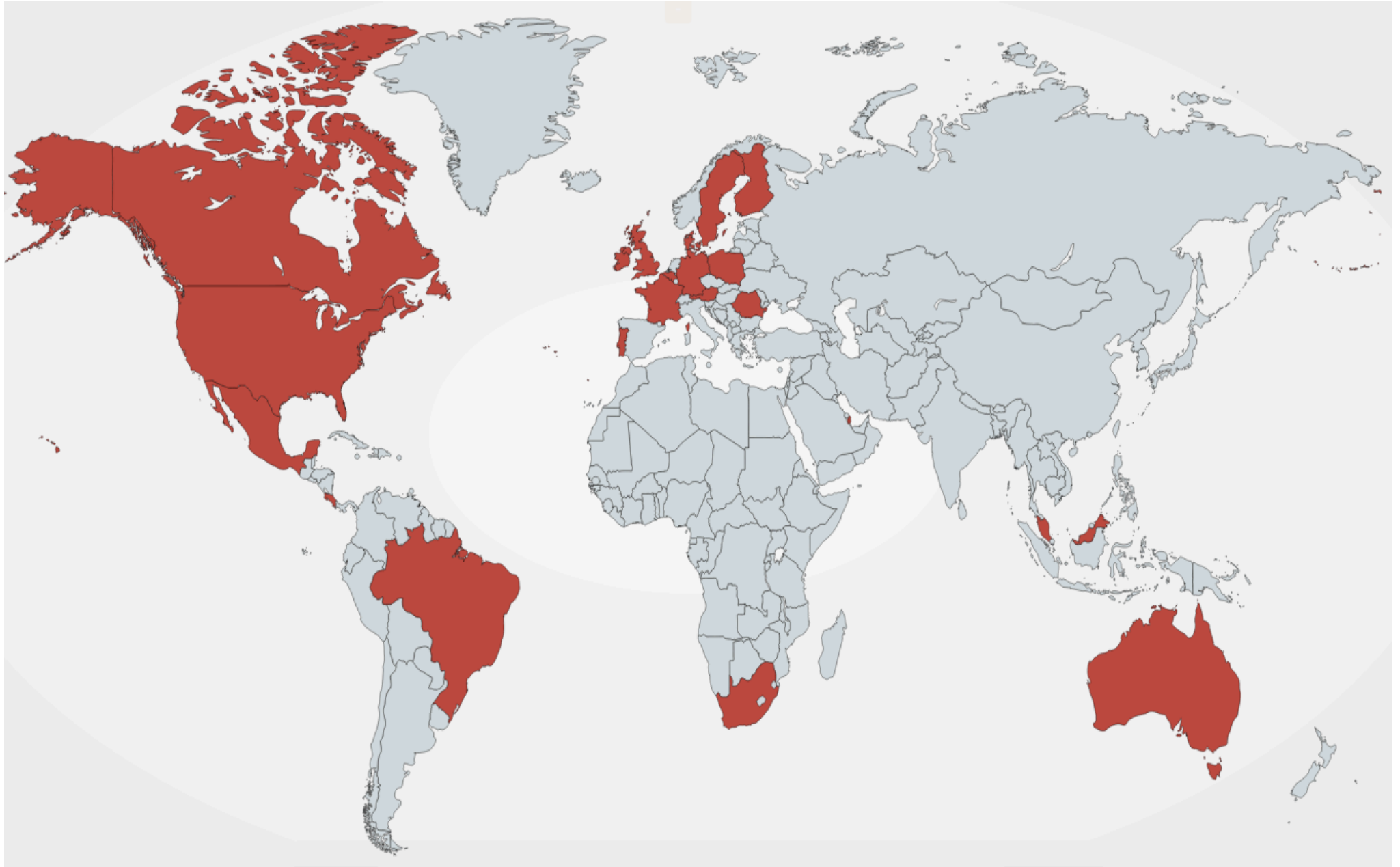
Strive for One Global Source

- **Consumers:** comprehensive searchable database of phones and features in multiple languages

- **Governments:** feature set that is far more extensive than any countries' existing requirements

- **Operators:** demonstrate commitment to an important market segment and provide an easy retail tool

- **Manufacturers:** report it once – have it accepted everywhere

GARI Reporting Tool

Mobile & Wireless Forum

GLOBAL ACCESSIBILITY REPORTING INITIATIVE (GARI)
MOBILE HANDSET/DEVICE REPORT - SECTION 255 / SECTION 508 REPORT

Name of Device:

Were Section 255 and 716 accessibility requirements included as part of commencement?

Date of commencement of product design or of software update (for any updates that may impact ACS):

Manufacturer:

SECTION 255 COMPLIANCE REPORT

IV. ACCESSIBILITY REVIEW

Criteria	Answer	Relevant Device Features	Explanation (including any compatibility with existing peripheral devices or specialized customer premises equipment)
a) Operable without vision. Provide at least one mode that does not require user vision.	Yes	Standard Number Key Layout Key Feedback - Tactile Key Feedback - Audible Audible Identification of Keys - Spoken Audible Identification of Keys - Functions	

Examples: 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

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

Finland: Finnish communications regulatory authority (FICORA)
https://www.viestintavirasto.fi/en/internettelephone/purchasingatelephoneandbroadbandsubscription.html

France: Autorité de Régulation des Communications Électroniques et des Postes (ARCEP)
http://www.arcep.fr/?id=9607

Denmark: Danish Business Authority
http://erhvervsstyrelsen.dk/forbrugere-med-saerlige-behov

Mexico: Instituto Federal de Telecomunicaciones (IFT)
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

United States: Federal Communications Commission (FCC) Accessibility Clearinghouse
http://ach.fcc.gov/products-and-services

Find more examples at https://www.gari.info/government.cfm

MWF
Mobile & Wireless Forum

How to Integrate GARI

- Display **web link**

- Use **iFrame**

- Request relevant GARI data as **XML file to** create **your design**
  - Contact the MWF at enquiries@mwfai.org

Introduction
to GARI Website

GARI GLOBAL ACCESSIBILITY
REPORTING INITIATIVE

For Government   For Manufacturers   For Developers   Blog   Contact

Find Accessible Devices & Apps   Learn about Mobile Accessibility

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?

Connected Wearables

Compare options from
different manufacturers

Smart TV

Compare the features
from different
manufacturers

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Find Accessible Devices & Apps | **Learn about Mobile Accessibility**

Home > Find Accessible Devices and Apps: Phones & Tablets

Find Accessible Devices and Apps: Phones & Tablets

Find Phones & Tablets
Compare features from different manufacturers.

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

Device suitable for...
☐ Dexterity
☑ Vision
☐ Hearing/Speech
☐ Cognition

◉ Phones ◯ Tablets

Region
Europe

Let's see some devices

or

Phone / Tablet Lookup

Already know what you're after? Find phones and tablets in the database.

Region:
Europe

Manufacturer
All

Model

◉ Phones ◯ Tablets

Lookup Devices

or

Advanced Feature Search

Let us help you find the right device for your needs. Select on a feature-by-feature basis.

Start advanced search

Modify Search Criteria

% Match indicates the degree to which the features of the device match your search criteria.

Choose up to three devices to compare their features

Compare Phones

Apple iPhone 4S
☐Compare
93% Match

BlackBerry Passport Silver Edition
☐Compare
88% Match

Samsung SM-G920A
☐Compare
88% Match

Xperia M2

Find Phones & Tablets
Compare features from different manufacturers.

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

Xperia M2

Product Details

Manufacturer:	Sony
Product Brand(s):	Sony
Model:	Xperia M2
Website and/or contact	www.sonymobile.com
Date Completed:	Apr-25-2016
Compatible Apps	See Compatible Apps
Operating System:	Android Lollipop 5.1

View features for:

Hardware	Hearing/Speech	Vision	Dexterity	Cognition	All

HARDWARE & SYSTEM INFORMATION	Detail	Description
Display Characteristics - Main Display Size	4.8 inches	Size of the main display (diagonal in inches)
External Keyboard Support	Yes	You can connect an external keyboard to the device.
Supports ability to install third party applications or apps.	Yes	You can install third party applications for example from an approved application store.

Device Comparison

Find Phones & Tablets
Compare features from different manufacturers.

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

Device Comparison

Compare Devices
See how the devices you picked stack up against each other...

HARDWARE & SYSTEM INFORMATION	Alcatel Mobile Phones 1035	LG LG-K350n	Samsung SM-G935A
Display Characteristics - Main Display Size	1.8 inches	5.0 inches	5.5 inches
External Keyboard Support	Yes	No	Yes
Supports ability to install third party applications or apps.	No	Yes	Yes
Internet Capability	Yes	Yes	Yes
Display Characteristics - Screen Flicker	Yes	Yes	Yes
Display Characteristics - Main Display Resolution	128 x 160 pixels	1280 x 720 pixels	2560 x 1440 pixels
Display Characteristics - Main Display Size	93 x 45 mm	62.064 x 110.422 mm	121.6 x 68.5 mm
Backlight for Keypad	Yes	Yes	Yes
Differentiation of Function Keys	No	Yes	Yes
Lanyard Pin for key ring or Lanyard Strap	No	N/A	No

GARI Covers ...

- ## Hardware

  - e.g. 2-way-camera, high quality loudspeakers, …

- ## Software

  - e.g. screen reader, captioning, …

- ## 3rd party apps

  - e.g. sign language dictionary, crowed sourced help (like 'Be My Eyes'), …

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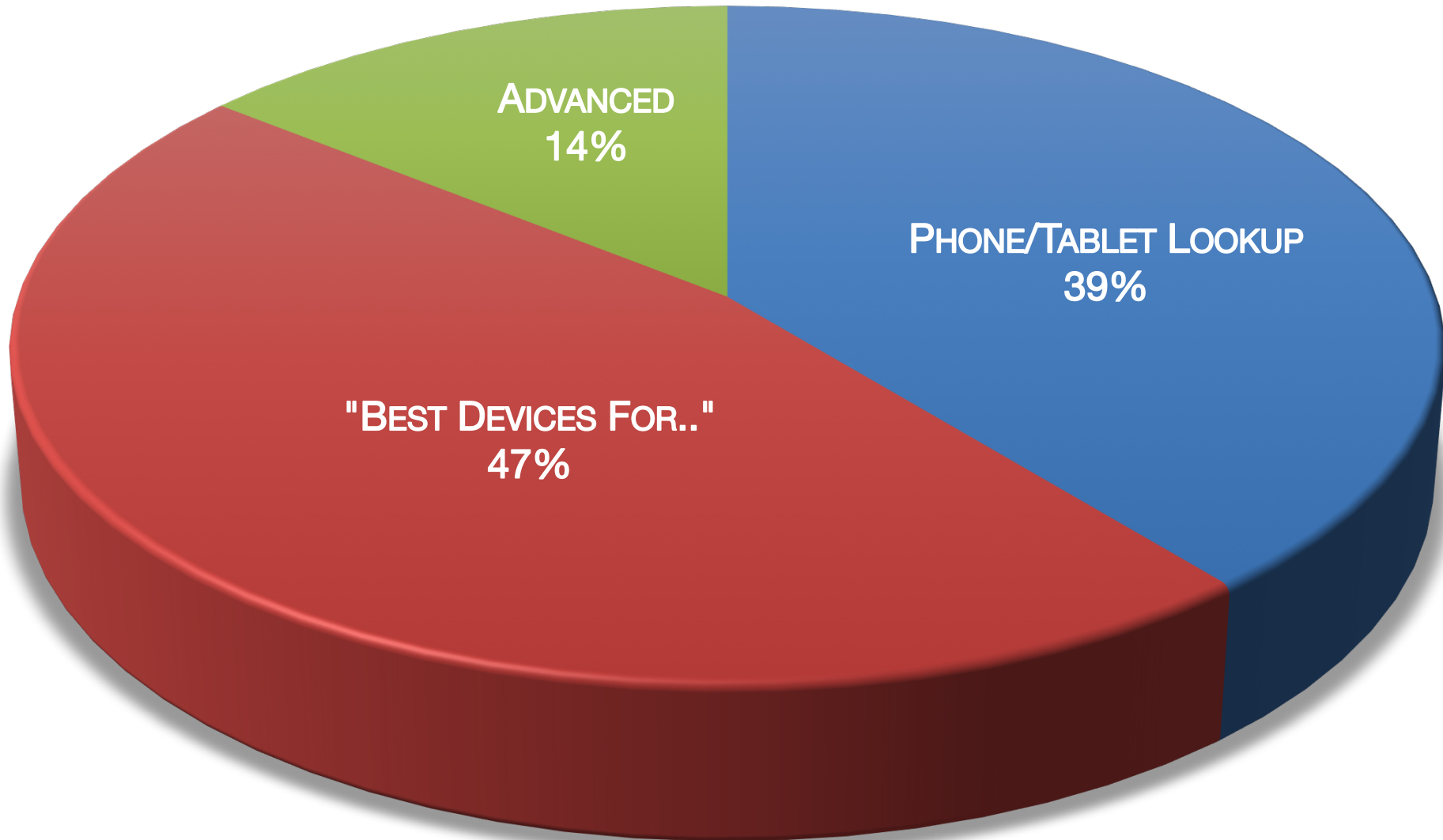- Consumer **guide** & producer **reporting** tool
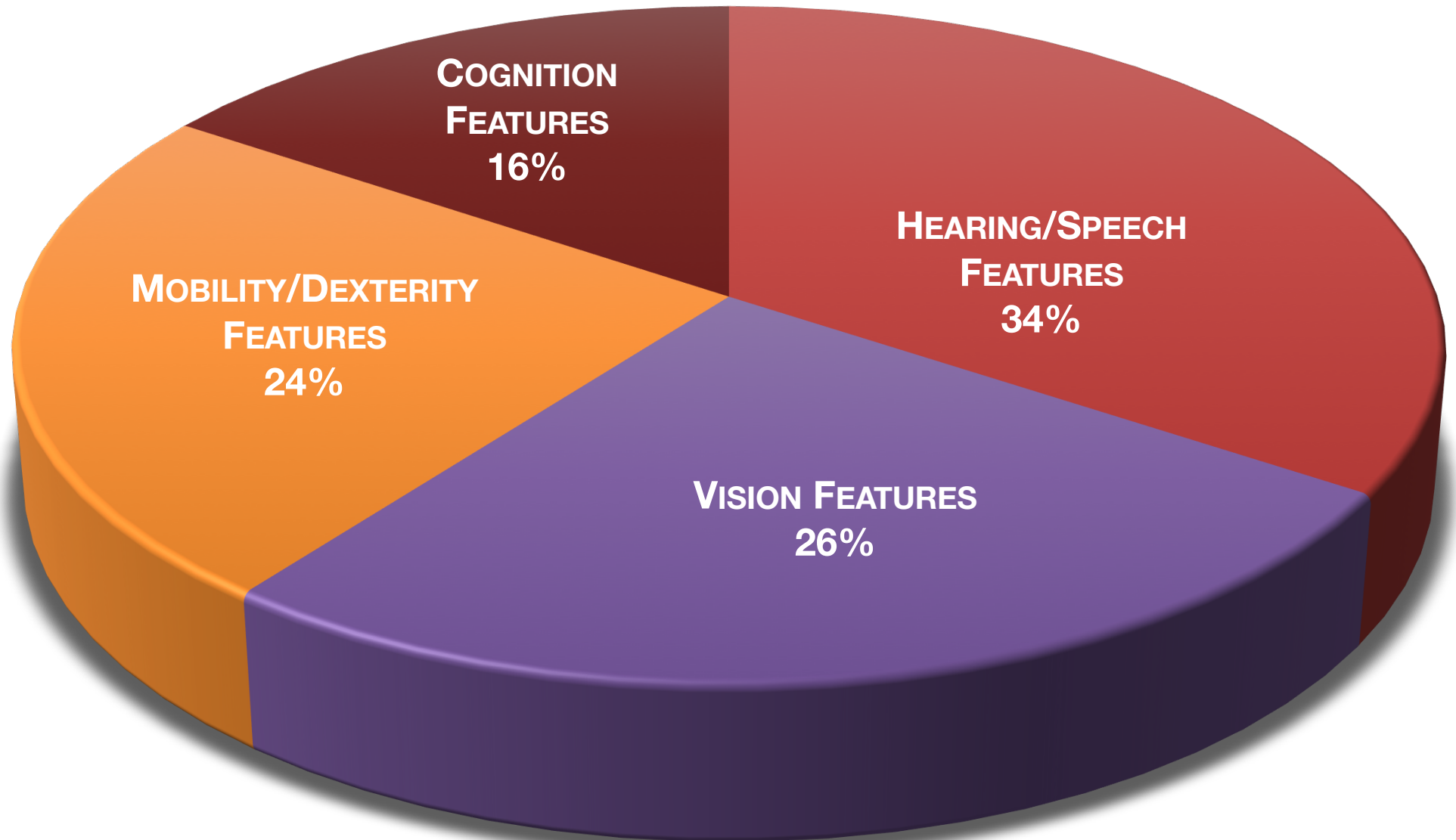
GARI Website Traffic
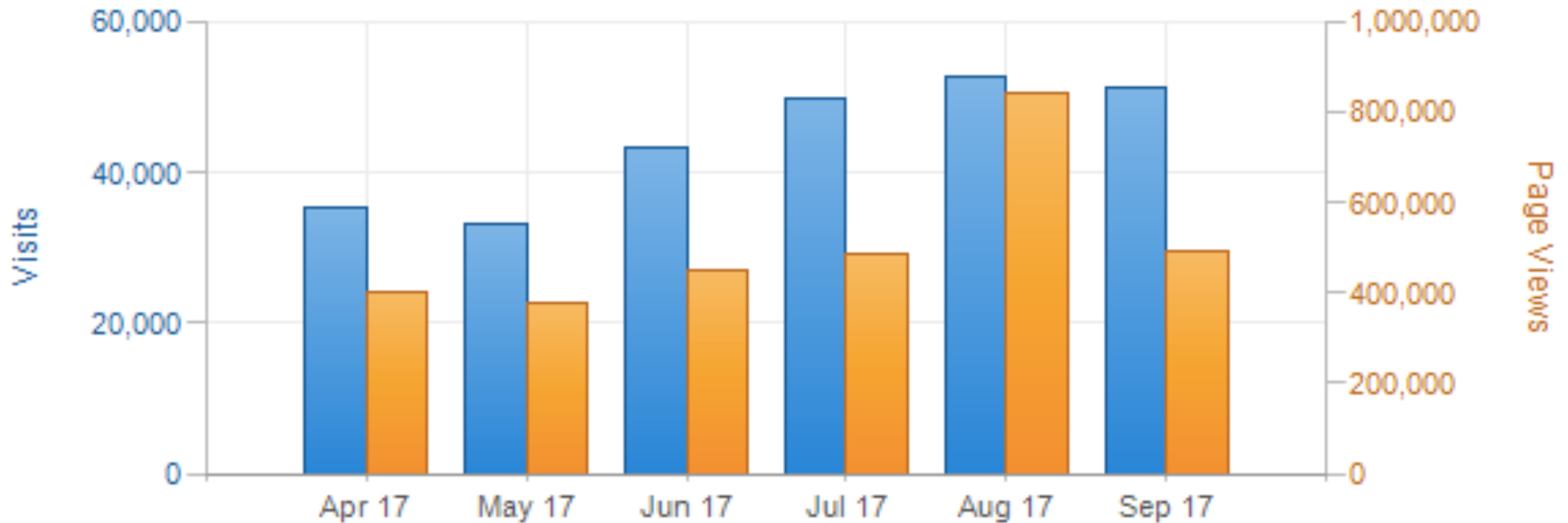
Per month from 1 Apr to 30 Sept 2017 on average:
- **510k page-views** (up from ~353k)
- **45k unique visits** (up from ~20k)

SEARCH OPTION CHOOSEN

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Mobile & Wireless
Forum

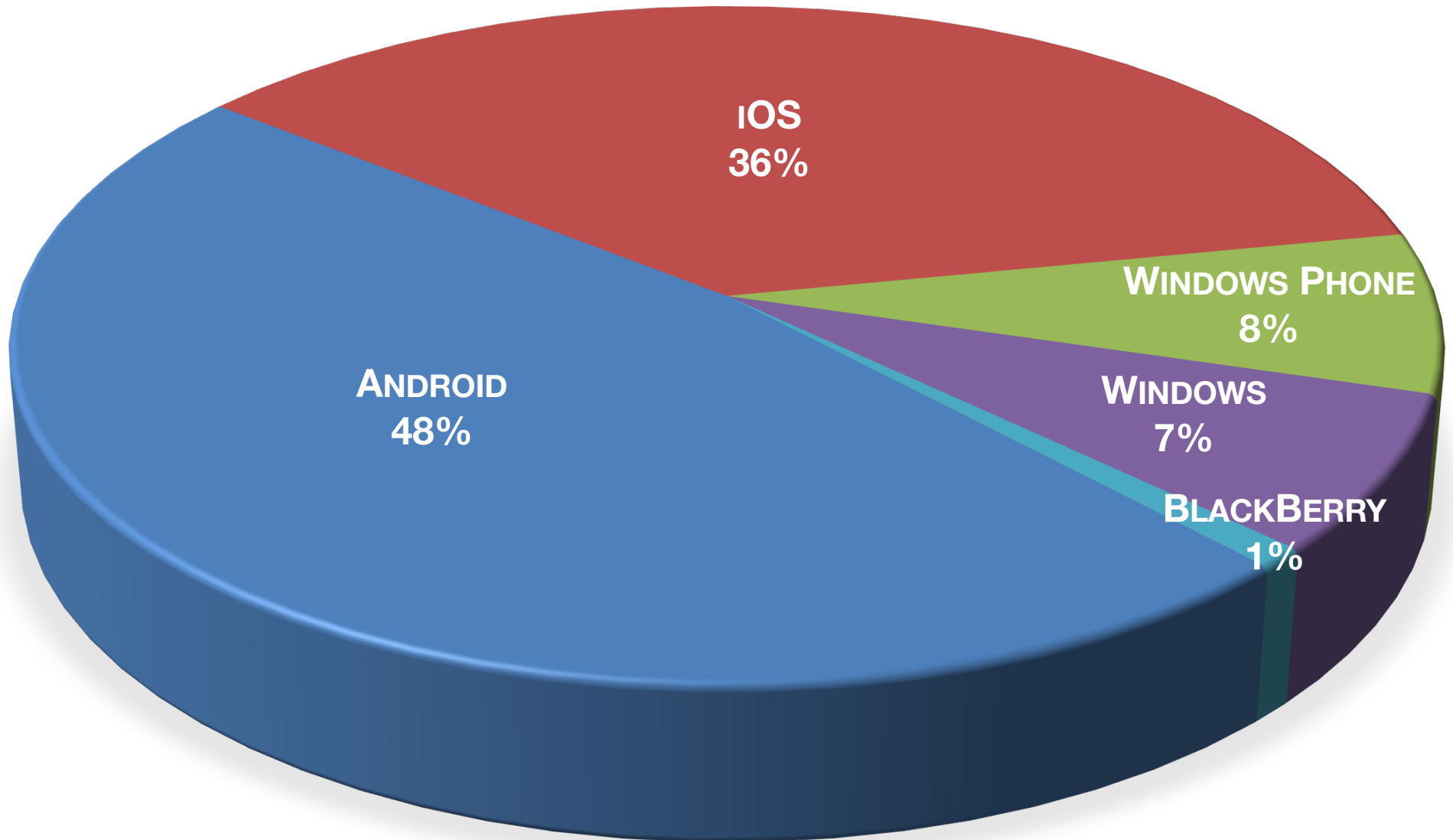

ADVANCED
14%

PHONE/TABLET LOOKUP
39%

"BEST DEVICES FOR.."
47%

"Best Device For" Category Searches

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- Cognition Features 16%
- Hearing/Speech Features 34%
- Mobility/Dexterity Features 24%
- Vision Features 26%

Top Features Searched For

- Front Facing Camera 8%
- Hearing Aid T-coil Coupling 18%
- Hearing Aid or "HAC" Setting 16%
- Adjustable Vibrating Alerts 10%
- Improved Call Quality 10%
- Internet Capability 10%
- Adjustable Maximum Volume Control 10%
- Ringer Volume Adjustable 9%
- Vibrating alert 9%

MWF Mobile & Wireless Forum

PLATFORM SEARCHED

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Forum

iOS
36%

WINDOWS PHONE
8%

ANDROID
48%

WINDOWS
7%

BLACKBERRY
1%
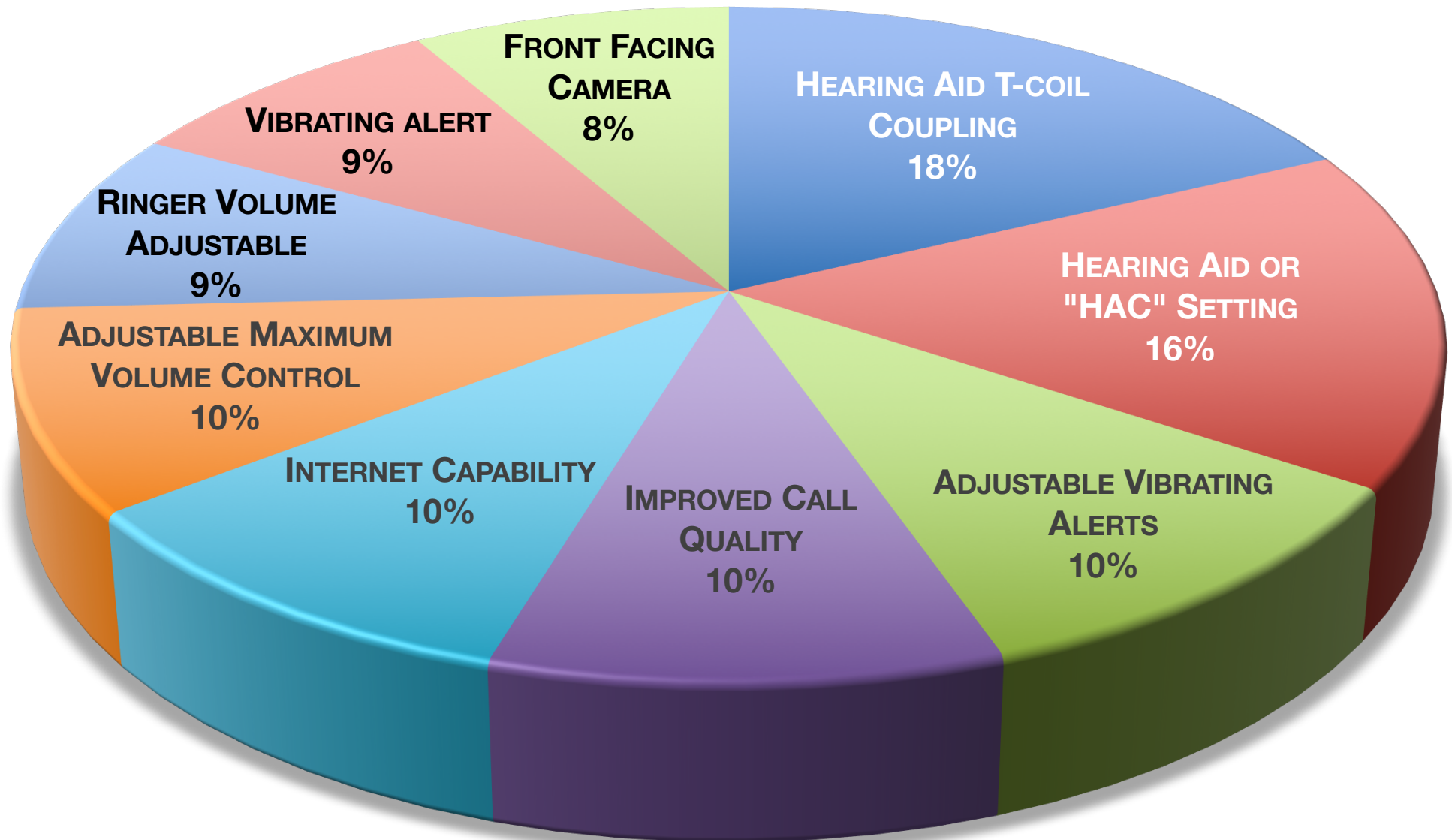
More Information

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www.mwfai.org

www.gari.info

@GARIupdates

https://www.facebook.com/MobileAccessibility

http://blog.mobileaccessibility.info

MWF
Mobile & Wireless Forum

About MWF

International association of companies with an interest in mobile and wireless communications including the evolution to 5G and the Internet of Things, focusing on:

EMF & Health

SAR

GARI

GLOBAL ACCESSIBILITY REPORTING INITIATIVE

Counterfeit Devices

MWF Members: Alcatel Mobile Phones, Apple, Cisco, Ericsson, Huawei, Intel, LG, Microsoft, Motorola, Samsung, Sony

More info: www.mwfai.org

Thank you.

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Since December 2006: MMF's/MWF's Director for Europe, Middle East and Africa and responsible for the co-ordination of the association's activities in the region.

2000 – 2006: Forum Mobilkommunikation (Austrian mobile operators organisation, Managing Director)

1990 – 1999: Member of the Austrian Parliament, focused on infrastructure issues, telecommunication and environment

He graduated as Master of Laws at the University of Graz, Austria.