



# Technology Serving Seniors

**Communication:**  
*iPhones/iPads & Android phones/tablets*

Tom Piper & special guests

August 10, 2021

# You'll Be Able To Carry Phone In Pocket In Future

Some day, Mansfielders will carry their telephones in their pockets.

Don't expect it to be available tomorrow, though.

Frederick Huntsman, telephone company commercial manager, says, "This telephone is far in the future — commercially."

★  
Right now, it's a laboratory development and it's workable, allowing the carrier to make and answer calls wherever he may be.

Other telephones of the future includes a kitchen loud speaking telephone, and a visual image telephone.

The kitchen instrument can be used as a regular telephone, a loudspeaking phone if the housewife happens to be busy preparing a meal, or as an intercom station for the home.

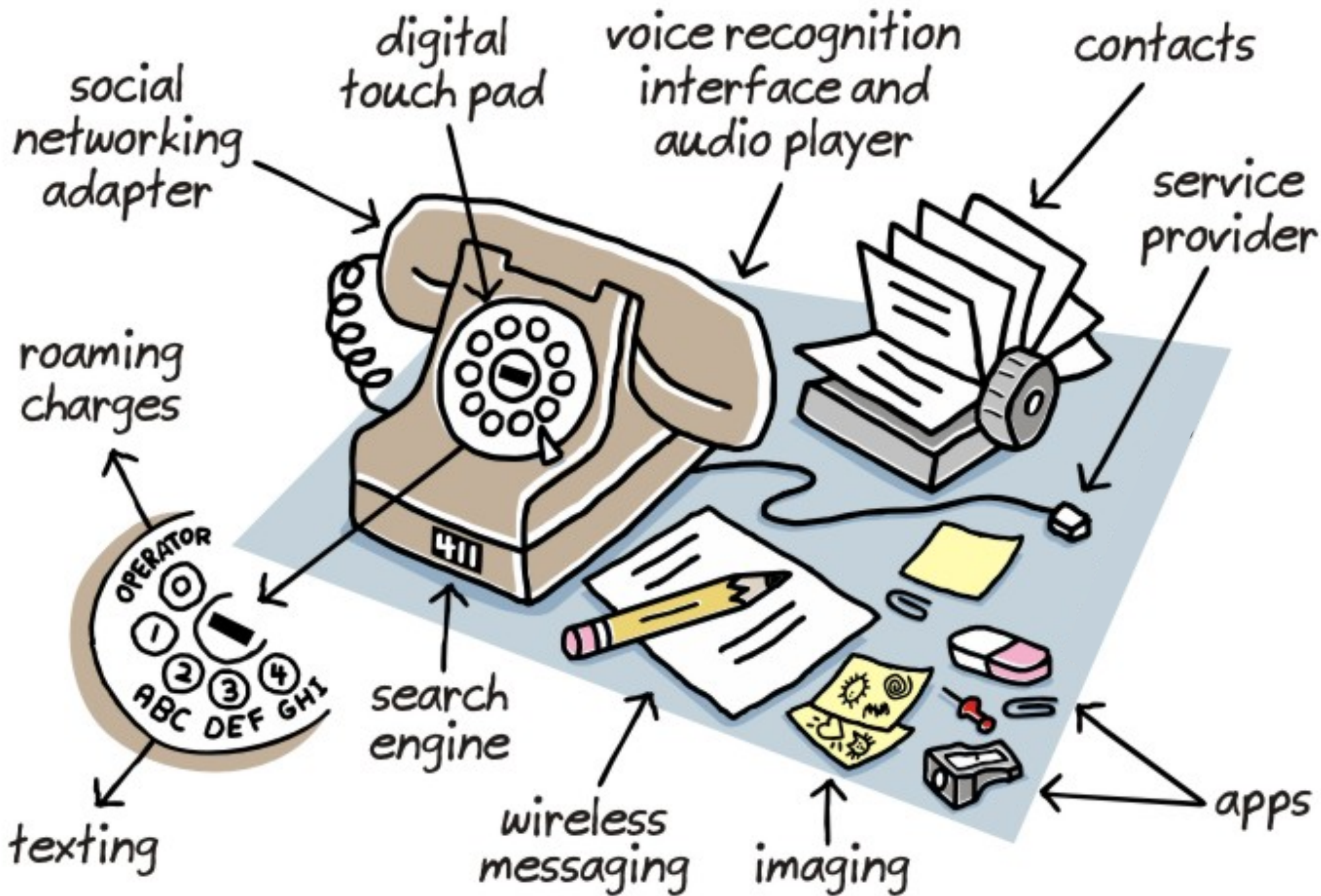
The visual image telephone allows the parties to converse by way of a microphone and loud speaker while a miniature television camera transmits the image. The "TV phone" also will have a writer signature transmission system and a conversation tape recorder.

The new phones are being displayed at the Home and Flower Show at the Coliseum.

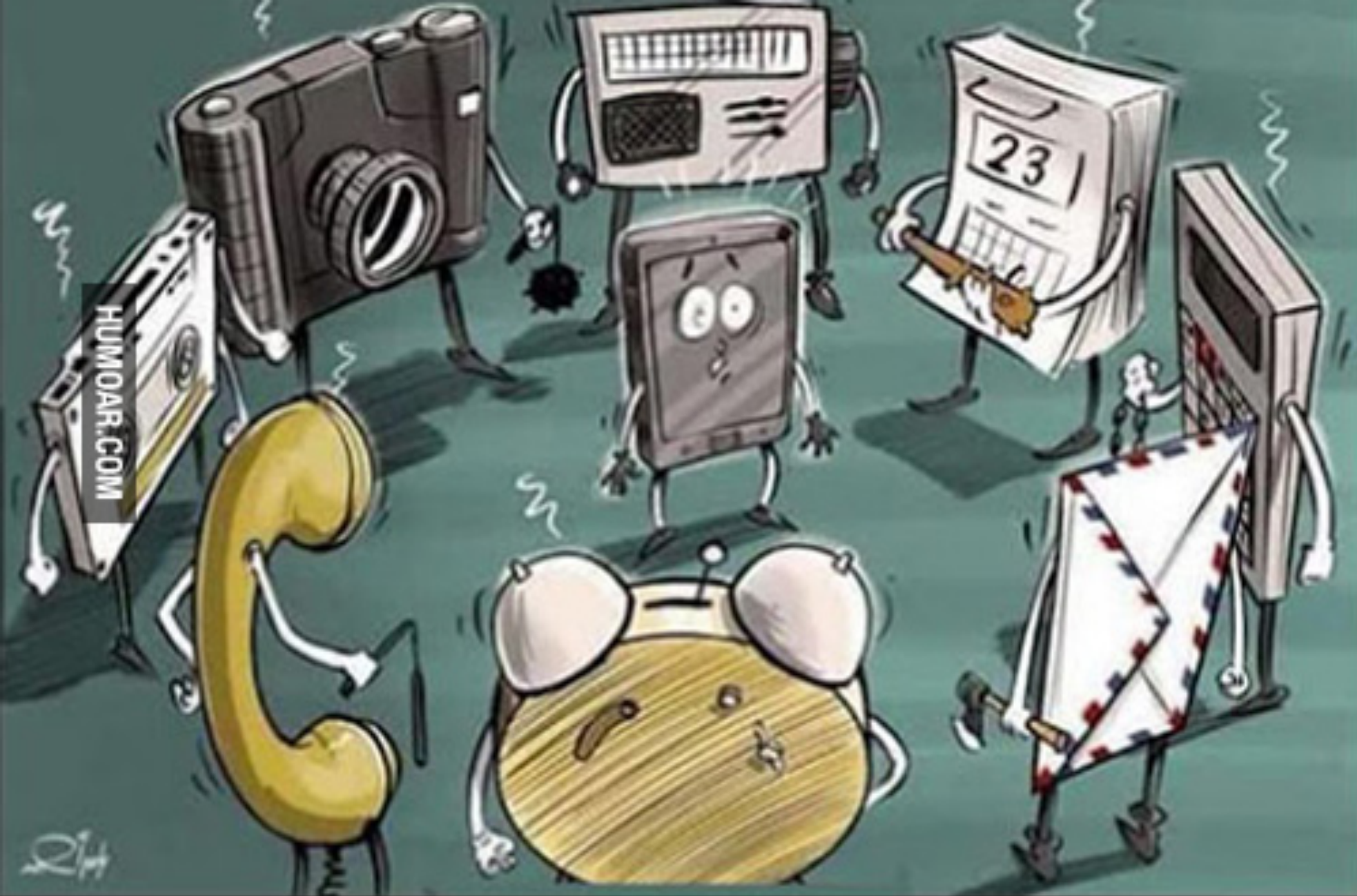


**HOW ABOUT THIS?** — Mrs. Jean Conrad, commercial representative of Mansfield Telephone Co. holds up the pocket - sized, wireless telephone which Mansfielders will some day carry with them. The phone is still in the development stage and "far in the future."

# vintage smartphone







***So you took our job?***

# the beginning

first  
Siemens  
mobile phone  
was Siemens  
Mobiltelefon  
C1 which  
came in the  
form of  
a suitcase





# **new handheld**

first cell  
phone  
was  
invented  
in 1973  
by Motorola

# Evolution of the Mobile Phone





# Mobile & Tablet Operating System Market Share United States Of America



A collage of various smartphones and tablets, including iPhones, iPads, and Android devices, arranged in a circular pattern. Each device displays a different user interface or application, such as a shopping site, a weather app, a home screen with a lotus flower, a calendar, a news site, and a travel app. The text "Focus on Functions" is overlaid in the center in a large, bold, red font.

# Focus on Functions

# Definitions

## Digital Storage:

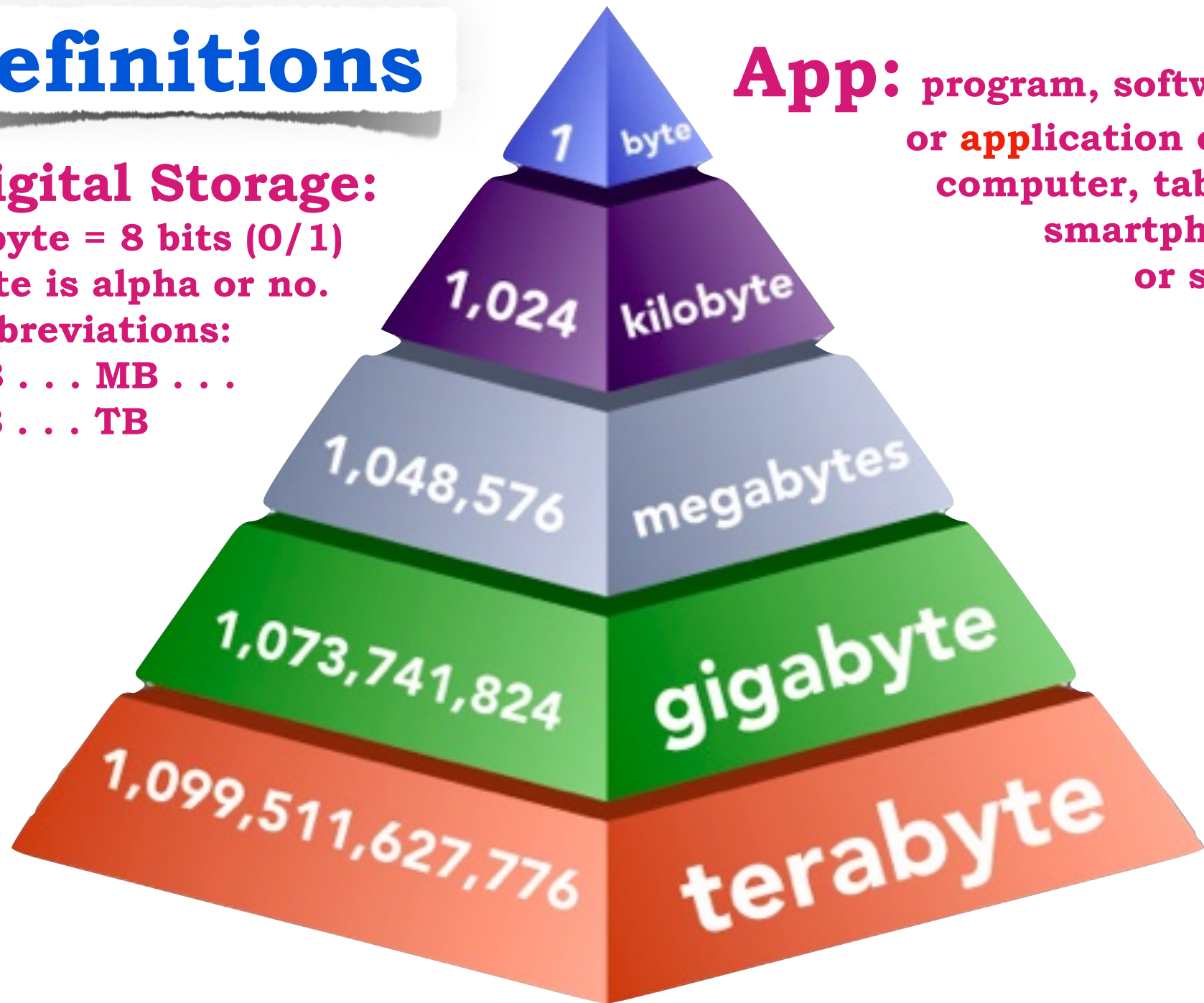
1 byte = 8 bits (0/1)

byte is alpha or no.

Abbreviations:

KB . . . MB . . .

GB . . . TB



**App:** program, software or application on a computer, tablet, smartphone or such

# DEMATERIALIZATION: Using less to produce more



Camera



E-mail



Sirius Radio



Phone



Alarm Clock



New York Times

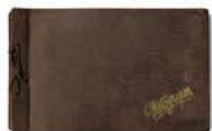


Photo Album



Answering Machine



Compass



Glucose Meter



Thermometer



Game Center



Walkie Talkie



Homework



Calendar



Notepad



Clock



Police Scanner



Level



iTunes



Maps



White Noise



Netflix



Contacts



Flashlight



Video Camera



TV



Calculator



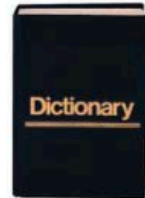
Fax



Voice Recorder



iPod



Dictionary



Shopping List



Metronome



Guitar Tuner



Business Card



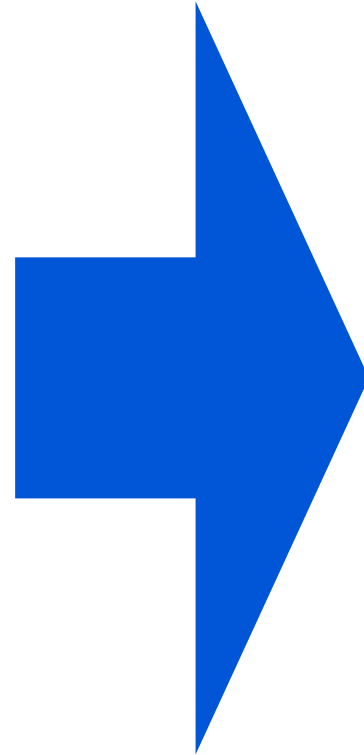
Books



Pedometer



Scanner



and so much more . . .



# it's a phone

- Built-in **Calling & Messaging** Apps (Android & iOS)
- Free Calling Apps For SMS Texts & Calls
  - Google Voice (Android & iOS)
  - Dingtone (Android & iOS)
  - TextMeUp (Android Only)
  - TextPlus (Android & iOS)
- Free Calling Apps For Texts & Calls To Other Users
  - WhatsApp (Android & iOS)
  - Viber (Android & iOS)
  - Skype (Android & iOS)
  - Messenger (Android, iOS)



# it's a camera

- **Built-in Camera Apps** - free
- **ProCam 8** - \$7.99 (iOS)
- **Obscura Camera** - \$4.99 (iOS)
- **Photoshop Camera** - Free (Android & iOS)
- **Open Camera** - Free (Android)
- **ProCam X** - Free (Android)
- **Hipstamatic Classic**-\$2.99 (iOS)

# Photo Editing Apps

(iOS & Android)

- Snapseed
- Lightroom
- Adobe Photoshop Express
- Prisma
- VSCO
- PicsArt

(iOS only)

- Apple Photos
- Bazaart
- Photofox



# it's a scanner

## Scan to PDF App for iPhone and iPad

- Notes (built-in)
- Scanner Pro
- Prizmo
- JotNot Pro
- TinyScan Pro

## PDF Scanner Apps for Android Devices

- Genius Scan
- Mobile Doc Scanner
- Handy Scanner
- CamScanner
- TurboScan



GET IT ON  
Google Play



Available on the  
App Store

# Internet Browser Apps



(iOS & Android)

- Microsoft Edge
- Google Chrome
- Avast Secure
- Aloha Browser
- DuckDuckGo

(iOS only)

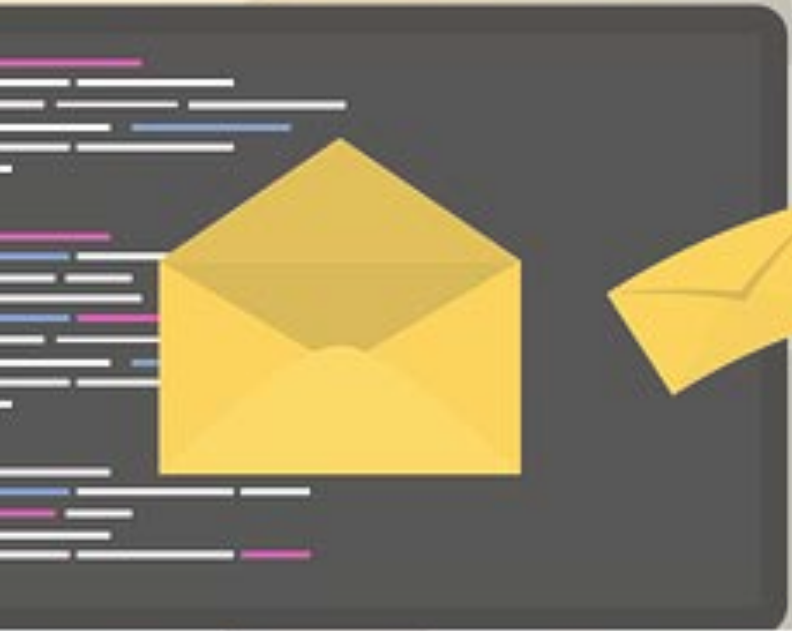
- Safari
- Onion Browser

(Android only)

- Tor Browser

# Email Apps For iPhone & Android

- Gmail
- Outlook
- Spark Mail
- Blue Mail
- ProtonMail
- myMail
- Nine Mail
- Zoho Mail



# GPS Navigation

(iOS & Android)

- Google Maps
- Waze
- MapQuest
- Maps.Me
- Scout GPS
- Copilot GPS Navigation
- Osmond
- TomTom Go Navigation
- GAIA GPS (hiking)
- Polaris GPS (water)

(iOS only)

- InRoute Route Planner
- Apple Maps

(Android only)

- MapFactor Navigator

# Word Processing Apps

(iOS & Android)

- Evernote
- Google Docs
- Zoho Writer
- WPS Office
- iA Writer: Markdown Writing

(iOS only)

- Pages
- Werdsmith

(Android only)

- Offline Notepad
- Novelist
- Writer Tools
- JotterPad

Enter URL to Monitor: life.zul

Monitoring Statistics

Monitor

	Event Name	Event Handling Time (ms)
_2>	onInitModel	0
OX	onChange	6
OX	onChange	7
OX	onChange	2
OX	onChange	3
_2>	onInitModel	0

Monitor

	Server Process Time (ms)	Client Render Time (ms)
	261	254
	8	18
	8	17
	3	17
	4	24
	117	0

# SpreadSheet Apps

(Android & iOS)

- Google sheets
- Microsoft Excel
- Zoho Sheet
- ONLYOFFICE documents
- WPS Office
- OfficeSuite
- Expensify
- Smartsheet
- Polaris Office

value

21.2

10.2

40.4

28.2



n monitored in an if



09:20:21.348

# Music Apps

(iOS & Android)

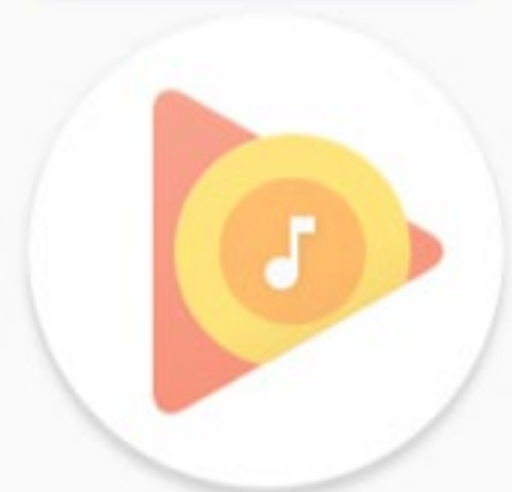
- Spotify
- Amazon Prime Music
- Deezer
- YouTube Music
- TuneIn Radio
- BBC Sounds
- SoundCloud
- SiriusXM
- Pandora

(iOS only)

- Apple Music
- GarageBand
- My Artists

(Android only)

- PowerAMP
- DoubleTwist Player
- Google Music Beta





# **Videoconferencing Apps**

(iOS & Android)

- Zoom Cloud Meetings
- Skype
- Free Conference Call
- Google Meet
- GoToMeeting
- BlueJeans
- Cisco Webex Meetings
- Microsoft Teams

(iOS only)

- FaceTime

(Android only)

- JusTalk



# Calendar Apps

(iOS & Android)

- Google Calendar
- Jorte Calendar & Organizer
- TimeTree
- Any.do
- CalenGoo
- Microsoft Outlook Calendar
- Woven

(iOS only)

- Apple Calendar
- Fantastical 2

(Android only)

- DigiCal
- aCalendar



# Contact Manager Apps

(iOS & Android)

- Dr. Fone - Phone Manager
- Cloze Relationship Management
- FullContact
- Contact Optimizer Pro
- InTouchApp Contacts Manage
- Tacts
- Contacts Cleanup & Merge

(iOS only)

- Apple Contacts
- Sync.ME
- Addappt

(Android only)

- DigiCal
- Plaxo Address Book

# Weather Apps

(iOS & Android)

- Clime
- MyRadar
- Yahoo Weather
- AccuWeather
- Carrot Weather
- NOAA Weather Radar Live
- 1Weather

(iOS only)

- Dark Sky
- Weather Hi-Def Radar
- Weather Underground

(Android only)

- Plume Labs: Air Quality App
- WeatherBug



**Mobile  
Accessories**



**Another  
Tech Class**

# Americans Cell Phone Usage and Addictive Habits



**80%**

of Americans say they check their phones within the first 10 minutes of waking up.



**83%**

of Americans feel uneasy leaving their phone at home.



**40%**

use or look at their phone while driving.



**48%**

consider themselves addicted to their phones.



**52%**

say that they have never gone longer than 24 hours without their cell phone.



**54%**

of people say they panic when their cell phone battery goes below 20%.



**47%**

use or look at their phone on a date.



**67%**

have texted someone in the same room as them before.



**70%**

use their phone on the toilet.



**62%**

sleep with their phone at night.



**43%**

say that their phone is their most valuable possession.



On average, Americans check their phones 262 times per day (that's once every 5.5 minutes).



# Technology Serving Seniors

## *the End of This Session*

Social Media Problems: Twitter/LinkedIn/Facebook & Email/Telephone Spam  
is the next session