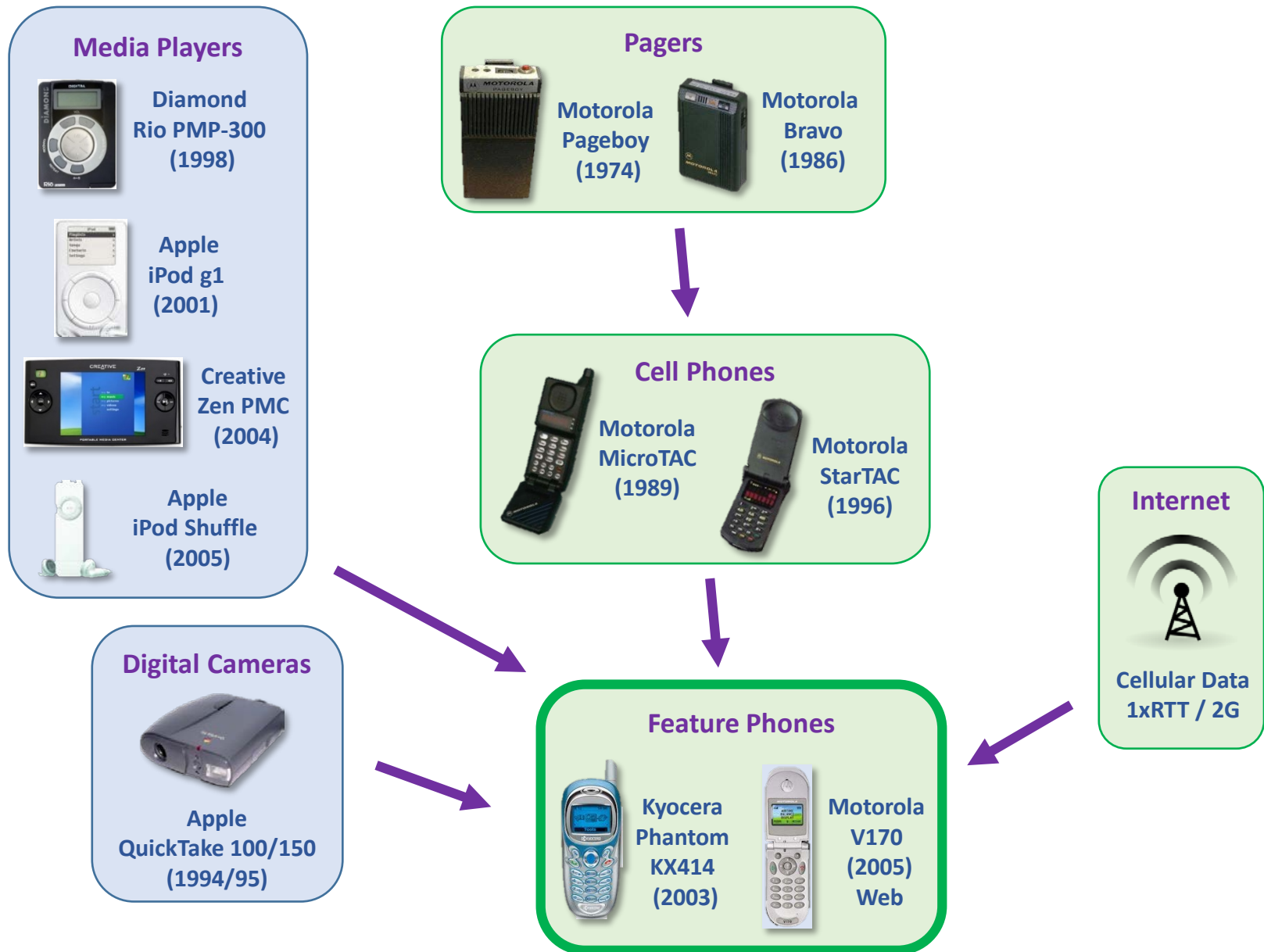


# Mobile Digital Revolution: Cell Phones to Feature Phones



# Mobile Digital Revolution: to Smartphones

**PDA / Organizers**



Apple  
Newton  
MessagePad  
(1993)



PalmPilot  
(1996/97)



RIM  
Blackberry  
7200  
(2003)

**Cell Phones**



Motorola  
Bravo  
Pager  
(1986)




Motorola  
StarTAC  
(1996)

**Media Players**




Apple  
iPod g1  
(2001)


**Internet**



Cellular Data  
3G ~ 2008  
LTE ~ 2013



Verizon MiFi  
(2009)  
3G Wi-Fi  
Hotspot



Wi-Fi

**Digital Cameras**



Apple  
QuickTake 100  
(1994/95)

**Portable Games**




Sony PSP 3000 (2005)

**Navigation**



LG LN735 (2007)

**E-Readers**



Amazon  
Kindle  
(2007)

**Smartphones**



Apple  
iPhone  
(2007)



T-Mobile  
G1  
(2008)

➤ Apple iPad (2010)

**Online Services**



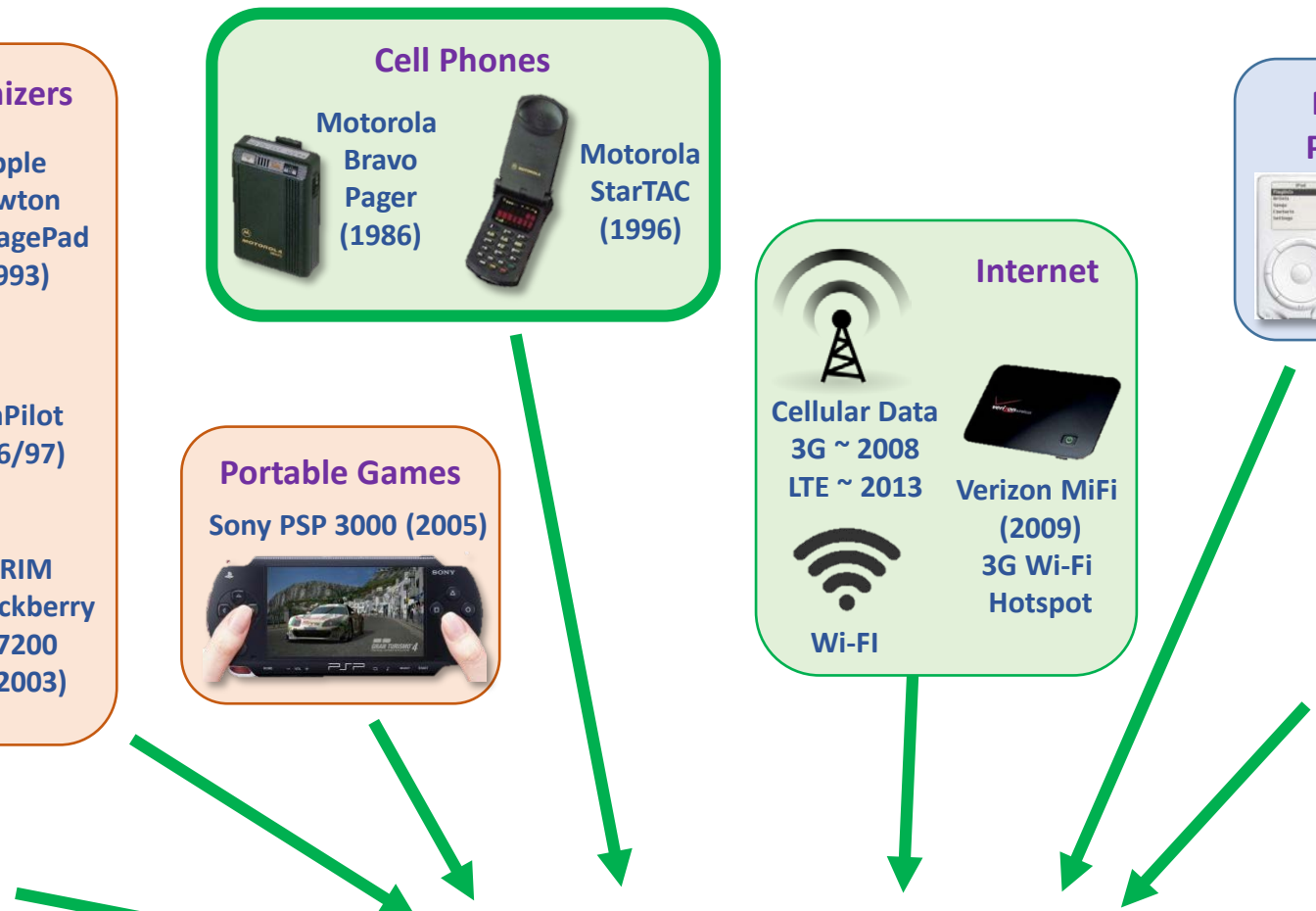
Apple  
iTunes Store 2003



App Store 2008



iCloud 2011



## Multimedia

### Camera



- Photo Camera(s)
- Video Camera
- Photo Albums
- Photo Messaging

### Media Player



- Music / Video Player
- Music, Movie Collections
- Internet Radio
- Streaming Audio & Video
- Musical Instrument

### Game Player



- Video Game System

## Communication



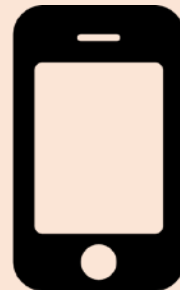
### Voice Communicator

- Pager – Text Messages
- Cell Phone

### PDA



- Address Book
- Calendar
- Notebook



## Smartphone (& Tablet)

## Tools



- Watch, Alarm Clock
- Calculator
- Flashlight
- Storage, Battery

## Internet

### Internet Comm.



- Email Appliance
- Web Browser
- Social Networking

### GPS Navigation



- Compass
- Maps and Features
- Routing and Directions

## Shopping



- Music, Movie, Book Stores
- App Store - Games
- Internet Shopping

## Info (Apps)

### Library



- Newspapers, Magazines
- Podcasts

### E-Reader



- E-Books
- Audio Books

## Digital Health Monitor

- Exercise Tracker
- Health Monitor



## E-Wallet



- Online Banking
- Credit Card
- Mobile Payments

## Personal Assistant

- Voice Commands
- Location-Based Reminders
- Reservations ...

