**iOS 1**

**Support ended:**2010  
**Final version:**1.1.5. It was released on July 15, 2008  
**Initial version:**It was released on June 29, 2007

The one that started it all, which shipped pre-installed on the original iPhone.

This version of the operating system wasn't called the iOS at the time it launched. From versions 1-3, Apple referred to it as the iPhone OS. The name shifted to iOS with version 4.

It's hard to convey to modern readers who have lived with the iPhone for years how profound a breakthrough this version of the operating system was. Support for features like the multitouch screen, Visual Voicemail, and iTunes integration were significant advances.

While this initial release was a major breakthrough at the time, it lacked many of the features that would come to be closely associated with the iPhone in the future, including support for native, third-party apps. Pre-installed apps included Calendar, Photos, Camera, Notes, Safari, Mail, Phone, and iPod (which was later split into the Music and Videos apps).

Version 1.1, which was released in Sept. 2007 was the first version of the software compatible with the iPod touch.

**Key New Features​:**

* [Visual Voicemail​](https://www.lifewire.com/visual-voicemail-on-iphone-4103862)
* Multitouch interface
* [Safari browser](https://www.lifewire.com/using-safari-iphone-browser-2000784)
* [Music app​​](https://www.lifewire.com/iphone-music-app-4103843)

In November 2007, The first public release of Android Mobile OS was Android Beta. Father of Android OS is **Andy Rubin** but later it was acquired by Google team and since then Google has really awesome upgrades and has been doing research on new features daily. Also, it has a number of updates OS since the official release.

   There are first two versions 1.0 and 1.1 which were not released by specific names. The name of Android OS is Confectionery-themed. The Android versions are starts with alphabetical. It starts ‘C’ alphabet with the name is Android 1.5 CupCake from 2009 and latest updated version is Android 8.0 Oreo release in 2017. Now we will see the Oldest to Newest Android versions and its features.

**1- Android 1.0 and 1.1(Unnamed)**

   Both versions are first commercial versions. They are officially released publicly in 2008 and 2009. The first android commercial version was placed on HTC dream device. These versions were released without codename. The features in Android 1.0 :

* Google Maps
* Camera
* Gmail, Contacts and Google Synchronization
* Web Browser
* Wireless supports – WiFi and Bluetooth

Android 1.1 :

* Add Save attachment in message
* Provides reviews and details when user search business on maps

**iOS 2**

**Support ended:**2011​​  
**Final version:**2.2.1. It was released on January 27, 2009  
**Initial version:**It was released on July 11, 2008

One year after the iPhone became a bigger hit than almost anyone projected, Apple released iOS 2.0 (then called iPhone OS 2.0) to coincide with the release of the iPhone 3G.

The most profound change introduced in this version was the App Store and its support for native, third-party apps. Around [500 apps were available in the App Store at launch](https://www.lifewire.com/how-many-apps-in-app-store-2000252). Hundreds of other crucial improvements were also added.

Other important changes introduced in the 5 updates iPhone OS 2.0 included podcast support and public transit and walking directions in Maps (both in version 2.2).

**Key New Features​:**

* [App Store​](https://www.lifewire.com/download-iphone-apps-at-app-store-2000650)
* Improved Maps app​

**iOS 3**

**Support ended:**2012  
**Final version:**3.2.2. It was released on Aug. 11, 2010  
**Initial version:**It was released on June 17, 2009

The release of this version of the iOS accompanied the debut of the iPhone 3GS. It added features including copy and paste, Spotlight search, MMS support in the Messages app, and the ability to record videos using the Camera app.

Also notable about this version of the iOS is that it was the first to support the iPad. The 1st generation iPad was released in 2010, and version 3.2 of the software came with it.

**Key New Features​:**

* [Copy and paste​](https://www.lifewire.com/copy-paste-text-on-iphone-1999898)
* [Spotlight​ search​](https://www.lifewire.com/search-your-iphone-spotlight-1999891)
* [Recording videos](https://www.lifewire.com/how-much-video-can-iphone-record-2000304)

2- Android 1.5(CupCake)

   Android 1.5 was released in April 2009. This is first released codename with official name **“CupCake”**. It brought features in UI design and update several new features are.

* New upload service on YouTube and Picasa like Uploading Videos and Photos.
* Supporting in MPEG-4, Video recording
* Improving Web Browser-Copy and Paste facility

3- Android 1.6(Donut)

   The Android Version 1.6, Codename is **Donut**.It was released in Sept 2009. It Including various features

* It supports large screen size
* Providing Gallery and Camera features.
* Improve speed in system apps

**iOS 4**

**Support ended:**2013  
**Final version:**4.3.5. It was released on July 25, 2011  
**Initial version:**It was released on June 22, 2010

Many aspects of the modern iOS began to take shape in iOS 4. Features that are now widely used debuted in various updates to this version, including FaceTime, multitasking, iBooks, organizing apps into folders, Personal Hotspot, AirPlay, and AirPrint.

Another important change introduced with iOS 4 was the name "iOS" itself. As noted earlier, the iOS name was unveiled for this version, replacing the previously used "iPhone OS" name.

This was also the first version of the iOS to drop support for any iOS devices. It was not compatible with the original iPhone or the 1st generation iPod touch. Some older models that were technically compatible were not able to use all features of this version.​

**Key New Features​:**

* [FaceTime](https://www.lifewire.com/facetime-on-iphone-ipod-touch-2000760)
* [Multitasking](https://www.lifewire.com/use-multitasking-on-iphone-2000763)
* [AirPlay](https://www.lifewire.com/apple-airplay-mirroring-explained-2000228)
* [AirPrint](https://www.lifewire.com/things-to-know-about-airprint-iphone-2000750)
* [iBooks](https://www.lifewire.com/using-ibooks-and-ibookstore-2000121)
* [Personal Hotspot](https://www.lifewire.com/set-up-personal-hotspot-on-iphone-2000120)

**Dropped Support For:**

* Orignal iPhone
* 1st Gen. iPod touch

**4- Android 2.0 and 2.1(Eclair)**

   The codename for Android 2.0 is **Eclair**. It was brought in Oct 2009 and 2.1 version released in Dec 2009. There features :

* Update UI
* Support Live Wallpaper
* Support Bluetooth 2.1
* Improve Google map
* Minor API Changes

**5- Android 2.2(Froyo)**

   It was released in May 2010 with the codename is **Froyo**. There features :

* Support Animated GIF
* WiFi Support Hotspot functionality
* Speed improvements
* Upload file support in browser
* Support numeric and alphanumeric password

6- Android 2.3 and 2.4**(Gingerbread)**

**Gingerbread**came out on the market in December 2010. It was officially announced in Nexus S android phone which is Google co-developed with Samsung.

* Improve Copy-Paste Facility
* Updated UI design
* Social Networking Supports
* Easy use of keyboard

**iOS 5**

**Support ended:**  2014  
**Final version:** 5.1.1. It was released on May 7, 2012  
**Initial version:**It was released on Oct. 12, 2011

Apple responded to the growing trend of wirelessness, and cloud computing, in iOS 5, by introducing essential new features and platforms. Among those was iCloud, the ability to activate an iPhone wirelessly (previously it had required a connection to a computer), and [syncing with iTunes via Wi-Fi](https://www.lifewire.com/sync-iphone-over-wifi-1999751).

More features that are now central to the iOS experience debuted here, including iMessage and Notification Center.

With iOS 5, Apple dropped support for the iPhone 3G, 1st gen. iPad, and 2nd and 3rd gen. iPod touch.

**Key New Features​:**

* [iCloud](https://www.lifewire.com/icloud-faq-1999497)
* [iMessage](https://www.lifewire.com/imessage-apples-free-texting-app-1999185)
* [Notification Center](https://www.lifewire.com/notification-center-iphone-1999192)
* Wireless syncing and activation

**Dropped Support For:**

* iPhone 3G
* 1st gen. iPad
* 2nd gen. iPod touch
* 3rd gen. iPod touch

**iOS 6**

**Support ended:**  2015  
**Final version:** 6.1.6. It was released on Feb. 21, 2014  
**Initial version:**It was released on Sept. 19, 2012

Controversy was one of the dominant themes of iOS 6. While this version introduced the world to Siri — which, despite being later surpassed by competitors, was a truly revolutionary technology —  problems with it also led to major changes.

The driver of these problems was Apple's increasing competition with Google, whose Android smartphone platform was posing a threat to the iPhone. [Google had supplied the Maps](https://www.lifewire.com/get-google-maps-ios-6-1999194) and [YouTube apps](https://www.lifewire.com/can-you-use-youtube-ios-6-1999195) pre-installed with the iPhone since 1.0. In iOS 6, that changed.

Apple introduced its own Maps app, which was badly received due to bugs, bad directions, and problems with certain features. As part of the company's efforts to solve the problems, Apple CEO Tim Cook asked the head of iOS development, Scott Forstall, to make a public apology. When he refused, Cook fired him. Forstall had been involved with the iPhone since before the first model, so this was a profound change.

**Key New Features​:**

* [Apple Maps](https://www.lifewire.com/use-apple-maps-app-1999196)
* [Do Not Disturb](https://www.lifewire.com/use-do-not-disturb-on-iphone-apple-watch-2000547)
* Passbook (now Wallet)

**Dropped Support For:**

* ​None, but iPhone 3GS, iPhone 4, and iPad 2 couldn't use all features of iOS 6

**iOS 7**

**Support ended:**  2016  
**Final version:** 7.1.2. It was released on June 30, 2014.  
**Initial version:**It was released on Sept. 18, 2013

Like iOS 6, iOS 7 was met with substantial resistance upon its release. Unlike iOS 6, though, the cause of unhappiness among iOS 7 users wasn't that things didn't work. Rather, it was because things had changed.

After the firing of Scott Forstall, iOS development was overseen by Jony Ive, Apple's head of design, who had previously only worked on hardware. In this version of the iOS, Ive ushered in a major overhaul of the user interface, designed to make it more modern.

While the design was indeed more modern, its [small, thin fonts were hard to read for some users](https://www.lifewire.com/how-to-make-text-larger-and-more-readable-on-ios-7-1999202) and frequent [animations caused motion sickness](https://www.lifewire.com/solve-iphone-induced-motion-sickness-1999200) for others. The design of the current iOS is derived from the changes made in iOS 7. After Apple made improvements, and users became accustomed to the changes, complaints subsided.

**Key New Features​:**

* [Activation Lock](https://www.lifewire.com/when-activating-a-used-iphone-1999377)
* [AirDrop](https://www.lifewire.com/use-airdrop-on-iphone-1999205)
* [CarPlay](https://www.lifewire.com/apple-carplay-faq-1999542)
* [Control Center](https://www.lifewire.com/how-to-use-control-center-on-iphone-and-ipod-touch-4103833)
* [Touch ID](https://www.lifewire.com/use-touch-id-iphone-fingerprint-scanner-1999206)

**Dropped Support For:**

* iPhone 3GS
* ​iPhone 4, iPhone 4S, 3rd gen. iPad, and iPad 2 couldn't use all features of iOS 7

**7- Android 3.0, 3.1 and 3.2(Honeycomb)**

   Android 3.0 was released in February 2011 after that quickly followed by 3.1 and 3.2 in July and August of 2011.

* Gmail App improvements
* Updated 3D UI
* Media Sync from SD Card
* Google eBooks
* Google Talk Video Chat
* Support Adobe Flash in Browser
* High-performance WiFi Connections and Lock
* Chinese handwriting

**8-Android 4.0(Ice-Cream Sandwich)**

**Ice-Cream Sandwich** was released in October 2011. It was Google’s attempt synthesize Honeycomb. There are some features

Improved text input and spelling check

* WiFi direct
* Photo Decor facility
* Improve in keyboard correction
* Face Lock
* Improve in video recording resolution
* Camera performance
* Up to 16 tabs in web browser

**iOS 8**

**Support ended:**  n/a  
**Final version:** 8.4.1. It was released on Aug. 13, 2015  
**Initial version:**It was released on Sept. 17, 2014

More consistent and stable operation returned to the iOS in version 8.0. With the radical changes of the last two versions now in the past, Apple once again focused on delivering major new features.

Among these features was its secure, [contactless payment system Apple Pay](https://www.lifewire.com/how-to-set-up-apple-pay-1999216) and, with the iOS 8.4 update, the Apple Music subscription service.

There were continued improvements to the iCloud platform, too, with the addition of the Dropbox-like iClould Drive, iCloud Photo Library, and iCloud Music Library.

**Key New Features​:**

* [Apple Music](https://www.lifewire.com/how-to-use-apple-music-iphone-1999492)
* [Apple Pay](https://www.lifewire.com/how-to-set-up-apple-pay-1999216)
* iCloud Drive
* [Handoff](https://www.lifewire.com/everything-you-need-to-know-about-handoff-4079966)
* [Family Sharing](https://www.lifewire.com/set-up-family-sharing-for-iphone-itunes-1999093)
* [Third-party keyboards](https://www.lifewire.com/how-to-install-new-keyboards-on-your-iphone-1999211)
* [HomeKit](https://www.lifewire.com/everything-you-need-to-know-about-apple-homekit-4066771)

**Dropped Support For:**

* iPhone 4

**9- Android 4.1, 4.2 and 4.3(Jelly Bean)**

   Android 4.1 came out in July 2012. Its codename is **Jelly Bean**. ‘**Google now**’ is the main feature of Jelly Bean. It is used to whenever you want to search data from your google account and location data from your Android device to compile the information you need it. Many others features are

* Voice search
* Smooth UI
* Improve camera application
* Security enhancement
* Voice typing
* Multiple user accounts on tablet only
* 4k resolution support
* Supporting Bluetooth Low Energy
* Bi-directional text and other language support
* Support USB audio
* Lock screen improvement
* Set the volume of incoming calls and showing message alert
* Native emoji support

**iOS 9**

**Support ended:**  n/a  
**Final version:**9.3.5. It was released on Aug. 25, 2016  
**Initial version:**It was released on Sept. 16, 2015

After a few years of major changes to both the interface and technical foundation of the iOS, many observers began to charge that the iOS was no longer the stable, dependable, solid performer it had once been. They suggested that Apple should focus on shoring up the foundation of the OS before adding new features.

That's just what the company did with iOS 9. While it did add some new features, this release was generally aimed at solidifying the foundation of the OS for the future.

Major improvements were delivered in speed and responsiveness, stability, and performance on older devices. iOS 9 proved to be an important refocusing that laid the groundwork for the bigger improvements delivered in iOS 10 and 11.

**Key New Features​:**

* [Night Shift](https://www.lifewire.com/what-is-night-shift-4012047)
* [Low Power Mode](https://www.lifewire.com/extend-iphone-battery-life-low-power-mode-1999581)
* [Public beta program](https://www.lifewire.com/sign-up-apple-ios-public-beta-program-1999744)

**Dropped Support For:**

* N/A

**10- Android 4.4(KitKat)**

   Android 4.4 as a name of **KitKat**announced by Google in September 2013. Features are:

* Screen Recording
* KitKat adds a feature in ‘Google now’. Its name is ‘**OK Google**’. “OK Google” allows access google now to the user without touching your mobile phone.
* GPS Support
* Offline music support
* UI updates for google map navigation and alarm.
* Also, introduce Emoji’ to google keyboard.

**11- Android 5.0 and 5.1(Lollipop)**

    Android 5.0 is called **Lollipop**. It was released in November 2014. Support ART( Android RunTime)

* Save battery on some device
* Improvement in UI
* New material design
* Bug fixes
* Multiple sim card support
* High definition voice call

**12- Android 6.0(Marshmallow)**

**Marshmallow**came out in May 2015. It’s new features are

* Fingerprint authentication
* USB Type C support
* Save battery-’Sleep Mode’
* App permission model-OPT(send request for permission)
* New Emoji’s

**iOS 10**

**Support ended:**  n/a  
**Current version:** 10.3.3. It was released on July 19, 2017  
**Initial version:**It was released on Sept. 13, 2016

The ecosystem that Apple built around the iOS has long been referred to as a "walled garden" because it's a very pleasant place to be on the inside, but it's hard to gain access to. This was reflected in the many ways Apple locked down the interface of the iOS the options it gave to apps.

Cracks began to show in the walled garden in iOS 10, and Apple put them there.

The major themes of iOS 10 were interoperability and customization. Apps could now communicate directly with each other on a device, allowing one app to use some features from another without opening the second app. Siri became available to third-party apps in new ways. There were even apps built into iMessage now.​

Beyond that, users now had new ways to customize their experiences, from (finally!) being able to delete built-in apps to new animations and effects to punctuate their text messages.

**Key New Features​:**

* [​iMessage apps](https://www.lifewire.com/imessage-apps-and-stickers-4115336)
* [Delete built-in apps](https://www.lifewire.com/delete-the-apps-come-with-iphone-2000644)

**Dropped Support For:**

* ​iPhone 4S
* 5th gen. iPod touch
* iPad 2
* 1st gen. iPad mini

**13- Android 7.0(Nougat)**

   Android **Nougat**was released in August 2016. It was announced with native split-screen mode and data saver feature.

* Provide multitasking
* Providing multi-window mode
* Improve in storage manager
* Display touch improvement

**14- Android 8.0(Oreo)**

   After some of the version released in the market recently released Android 8.0 named is **Oreo**in August 2017. There some updated new features

* Support PIP(Picture-in-Picture)
* Multi-display support
* Google Play support
* Adaptive icons
* Improve notification system

**iOS 11**

**Support ended:** n/a  
**Current version:**11.4. It was released on May 29, 2018  
**Initial version:**It was released on September 19, 2017

The iOS was originally developed to run on the iPhone. Since then, it's been expanded to support the iPod touch and iPad (and versions of it even power the Apple Watch and Apple TV). In iOS 11, the emphasis shifted from the iPhone to the iPad.

Sure, iOS 11 contains lots of improvements for the iPhone, but its major focus is turning the iPad Pro series models into legitimate laptop replacements for some users.

This is done through a series of changes designed to make the iOS running on iPad a lot more like a desktop operating system. These changes include all new drag and drop support, split screen apps and multiple workspaces, a file browser app, and support for notation and handwriting with the [Apple Pencil](https://www.lifewire.com/set-up-use-apple-pencil-ipad-3876369).

**Key New Features​:**

* [Augmented Reality](https://www.lifewire.com/augmented-reality-on-iphone-4138290)
* AirPlay 2
* [Major enhancements on iPad](https://www.lifewire.com/drag-and-drop-on-ipad-4142366)

**Dropped Support For:**

* ​iPhone 5C
* [iPhone 5](https://www.lifewire.com/iphone-compatible-with-ios-5-1999738)
* iPad 4
* iPad 3

**iOS 12**

**Support ended:** n/a  
**Current version:**12.0. It was released Sept. 17, 2018  
**Initial version:**It was released on September 17, 2018

The new features and improvements added in iOS 12 aren't as extensive or revolutionary as in some previous updates to the OS. Instead, iOS 12 focused more on making refinements to commonly used features and on adding wrinkles that improve how people use their devices.

Some of the key features of iOS 12 included improvements to Siri like Siri Shortcuts, enhanced Augmented Reality with ARKit 2, and giving users and parents ways to monitor and control their device use with [Screen Time](https://www.lifewire.com/ios-screen-time-4172631).

**Key New Features​:**

* Grouped Notifications
* Screen Time
* ARKit 2
* Siri improvements, including [Siri Shortcuts](https://www.lifewire.com/siri-shortcuts-4172375) and multi-step actions
* Memoji, a personalized kind of [Animoji](https://www.lifewire.com/animoji-4153078)

**Dropped Support For:**

* N/A