

MOBILE OS

- The operating systems that control the mobile device is called mobile OS.
- A mobile operating system is an operating system that helps to run other application software on mobile devices.
- The operating systems found on smart phones iPhone OS, RIM's, BlackBerry, [Windows Mobile](#), Palm WebOS, Android, and Maemo. Android, WebOS, and Maemo are all derived from [Linux](#).
- The iPhone OS originated from BSD and NeXTSTEP, which are related to UNIX.
- It combines the beauty of computer and hand use devices. It typically contains a cellular built-in modem and SIM tray for telephony and internet connections.



Layers of operating system

POPULAR PLATFORMS OF THE MOBILE OS:

1. **Android OS:** The [Android operating system](#) is the most popular [operating system](#) today. It is a mobile OS based on the **Linux Kernel** and **open-source software**. The android operating system was developed by **Google**. The first Android device was launched in **2008**.
2. **Bada (Samsung Electronics):** Bada is a Samsung mobile operating system that was launched in 2010. The Samsung wave was the first mobile to use the bada operating system. The bada operating system offers many mobile features, such as 3-D graphics, application installation, and multipoint- touch.
3. **BlackBerry OS:** The BlackBerry [operating system](#) is a mobile operating system developed by **Research In Motion (RIM)**. This operating system was designed specifically for BlackBerry handheld devices. This operating system is beneficial for the corporate users because it provides synchronization with Microsoft Exchange, Novell GroupWise email, Lotus Domino, and other business software when used with the BlackBerry Enterprise Server.
4. **iPhone OS / iOS:** The iOS was developed by the Apple inc for the use on its device. The iOS operating system is the most popular operating system today. It is a very secure operating system. The iOS operating system is not available for any other mobiles.
5. **Symbian OS:** Symbian operating system is a mobile operating system that provides a high-level of integration with communication. The Symbian operating system is based on the java language. It combines middleware of wireless communications and personal information

management (PIM) functionality. The Symbian operating system was developed by **Symbian Ltd** in **1998** for the use of mobile phones. **Nokia** was the first company to release Symbian OS on its mobile phone at that time.

6. Windows Mobile OS: The window mobile OS is a mobile operating system that was developed by **Microsoft**. It was designed for the pocket PCs and smart mobiles.

7. Harmony OS: The harmony operating system is the latest mobile operating system that was developed by Huawei for the use of its devices. It is designed primarily for IoT devices.

8. Palm OS: The palm operating system is a mobile operating system that was developed by **Palm Ltd** for use on personal digital assistants (PADs). It was introduced in **1996**. Palm OS is also known as the **Garnet OS**.

9. WebOS (Palm/HP): The WebOS is a mobile operating system that was developed by **Palm**. It based on the **Linux Kernel**. The HP uses this operating system in its mobile and touchpads.