

History of the Integration of Mobile Phones



History of the Mobile Phone

- In 1970 Amos Joel of Bell Labs invented "call handoff" that allowed a mobile phone user to travel through several cells during the same conversation
 - Using a modern, if somewhat heavy portable handset, Cooper made the first call on a handheld mobile phone on April 3, 1973
 - Until the late 1980s, most mobile phones were too large to be carried in a jacket pocket, so they were usually permanently installed in vehicles as car phones
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SMS (Short Message System)

- SMS was being considered as a feature for mobile phones as early as 1985
 - The first commercial text message wasn't sent until 1992 from a personal computer to a mobile phone
 - The first phone to phone SMS was claimed to have been sent by Riku Pihkonen, an engineering student at Nokia, in 1993.
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Ringtones

- It all more or less started with the famous 'Nokia Tune', which is a 13 note rendering of Francisco Tarrega's masterpiece, Gran Vals. Tarrega was a 19th-century Spanish musician.
 - Around this time all ringtones were monophonic, meaning they could only play one note at a time.
 - One of the first commercial ringtone service available was the finnish operator, Radiolinja's "jukebox" service in 1999.
 - Modern mobile phones can play MP3 files and have higher quality ringtones than ever before.
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Camera Phone

- A camera phone is a mobile phone which has a camera built-in and allows the user to share pictures and video with anyone instantly.
 - Camera phones have become widely used because they are cheap, convenient, and portable, and are now a staple of the majority of cell phones.
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Bluetooth

- 1998 The Bluetooth Special Interest Group (SIG) is formed and officially adopts the project name “Bluetooth” as the name of the technology
 - 1999 The Bluetooth 1.0 is released
 - 2000 The first Bluetooth consumer product hits the market - a Bluetooth headset and phone adapter from Ericsson
 - Bluetooth enables user to have an affordable and easy way to have a hands free experience when using mobile phones.
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Digital Media Player

- Many phones today have built in flash memory drives allowing them to store up to 4GB of music, movies, and media.
- This combines the features of an MP3 and movie player with the features of a mobile phone.



Internet Device

- Mobile phones now have an integrated web browser, and html e-mail client.
 - This technology allows your mobile phone to act as a home PC in the palm of your hand. Allowing
 - you to stay connected with Yahoo and Google searches, download e-mail, check the weather, and sync bookmarks from your home PC.
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Miscellaneous Features

- Calculator
 - Clock
 - Calendar
 - Phone Book
 - Maps
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