

Mobile/Wireless communication



education
Department: Education
GAUTENG PROVINCE

Mobile Communication

- * **Definition - What does Wireless Communications mean?**

- * Wireless communication is a type of data communication that is performed and delivered wirelessly.
- * This is a broad term that incorporates all procedures and forms of connecting and communicating between two or more devices using a wireless signal through wireless communication technologies and devices.

<http://www.techopedia.com/definition/10062/wireless-communications>

E-mail

- * Electronically sending and receiving written messages using a network.



E-mail

- * Important factors to keep in mind when working with mobile devices and e-mailing:
 - * Notifications
 - * Push technology
 - * Use of less storage
 - * Attachments
 - * Simplified interface
 - * Alternative input

E-mail

- * Notifications
 - * You don't have to constantly check your Inbox for new messages, your phone can be setup so that it will notify you with a sound of any new messages.
- * Push technology
 - * The server notifies the device of a new message and downloads it to your device without any interaction from the user.
- * Use of less storage
 - * The device only offers limited space for saving e-mails.

E-mail

- * Attachments
 - * Mobile devices consist of only some apps, thus not all the attachments will open on your device.
- * Simplified interface
 - * Simple, usable and easy on-the-go interface
- * Alternative input
 - * Because it is on a mobile device it will allow speech as input with speech recognition software.

Blogging

- * Personal website with regular updates and the newest updates will be on top.
- * Blogs can also consist of video and then it is referred to as a vlog.
- * Blogging has transformed from a personal online diary to one of the most powerful ways to keep people up to date and to advertise.

Micro blog

- * This is the broadcasting of short text (called micro posts), normally not more than about 200 characters.
- * This is usually done on a phone and the broadcast will go to everyone who is following that micro blog.
- * Your device can be set up in such a manner that it will notify you of new micro posts as it comes through.
- * Example of this is Twitter.

SMS

- * Sending short text messages over a cellular network.
- * Cellular cost is expensive and so is sending sms's
- * People do not send sms's as often as they did before instant messaging

Instant Messaging

- * Sending short text messages and media via the internet.
- * You need to download a certain application to make use of this service.
- * Very cheap to use
- * Example of IM is: WhatsApp

Video Casting

- * Broadcasting video or photos (in a slide show format) over the internet
- * A video clip designed to be viewed on a portable device. Also called a "vcast," "vodcast" and "videocast," a vidcast is the video counterpart of a podcast

<http://www.pcmag.com/encyclopedia/term/56178/vidcast>

Podcasting

- * A podcast is a digital audio file (usually MP3 or AAC) made available for download on the internet.
- * You can use applications as iTunes to download these podcasts.
- * Radio stations make use of this so that their listeners can download any program that they have missed.

Video Conferencing

- * Making use of VoIP(voice over Internet Protocol) applications you can make calls over the Internet as well as video call.
- * Most of these applications also come with an IM service.
- * Making use of this method saves a lot of money, especially when making overseas calls.
- * Example: Skype, Viber etc.