

# Security for mobile phones

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Picture 1 of Security for mobile phones

Mobile phones are facing problems of computers that have met many decades ago and become more and more complicated, the concept of security has been welcomed by new and confidential members on mobile phones. The hardware and software platform for mobile phones is constantly being developed, making it more and more intelligent and somewhat close to modern computers. For example, today you can read mail as well as surf the web on your phone, but from that point another problem is that the more complex a system or device is, the more holes there are. In other words, mobile phones are facing problems of computers that have met many decades ago and become more and more complicated, the concept of security is welcomed by new members, security on mobile phones. .

Although there are some similarities, the difference between mobile phones and desktop computers is still too large, and many of them cannot be filled due to the nature of the work of each device. The most noticeable differences are machine size, screen, keyboard, and portability. Thereby the security solutions on desktop systems when applied to the mobile environment need to have appropriate changes.

## Hardware level security

With its compact nature, mobile phones are easy to get lost with a multitude of different reasons such as dropping, leaving somewhere or worse, the phenomenon of phone crashes. Due to the inconvenience of storage space, screen size, . saving important documents on the phone is not yet popular. Since then, the hardware-level phone security is mainly anti-lost and if it is lost, the most valuable data is usually the contacts stored in the SIM. Some recommended solutions are:

1. Minimize phone listening in crowded places, especially when running a motorbike or walking on the street.
2. For women, using a strap is a solution that is both fashionable and safe.
3. If you always have to communicate anytime, anywhere, consider using headphones, preferably using wired headphones. Using expensive Bluetooth headsets can make this toy a victim.

4. Back up your address book regularly. Most smartphones come with a program that synchronizes with the computer, in which the most important feature is backing up the address book to the computer. If you only use normal phones, there are many other solutions including hardware and software: use SIM backup device; synchronize data via cable, infrared or Bluetooth via special programs like MobilEdit.

### **Account security**

The feature of a mobile phone is that unless your account is locked, the phone always contains "money". The carelessness of using a phone can lead to a significant amount of money for paying bills, especially when SIM backup machines become more and more popular and cheap. Some tips in this regard:

1. Avoid having someone borrow the device with SIM card in it.
2. Stay away from SIM backup services or charge multiple SIM numbers if you are unsure about the reliability of the service provider. Another aspect is to always keep the SIM when you bring the device to fix, not let someone bring your SIM out of your sight.
3. Immediately call a customer service center to lock your SIM when you lose it.

### **OS-level security**

If you are using a PDA phone (O2, Treo, .), you turn on the "Power-on Password" feature with complex password mode (Pocket PC Phone corner page view).

Some regular phones also have password lock feature after a period of no use. If your phone is not equipped with this feature, you can use similar screen lock programs like ScreenSaver on your computer (PowerLock, see e-CHIP number 130).

### **Secure documents**

If you have a habit of storing documents working on your phone, you should also consider using document encryption and protection programs. The software is developed for this purpose very much, you can refer to the software introduction.

### **Virus - Spam**

Viruses and spam in mobile environments are still only at the beginning and there are many limitations, however the use of downloadable software on the network often contains many malicious codes, so if you are a person who likes "tinkering with "smartphone apps" is a necessary anti-virus program.

(According to Echip M!)

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