

ЗАХИСТ КОРИСТУВАЧІВ ВІД ГЛОБАЛЬНИХ СИСТЕМ СПОСТЕРЕЖЕННЯ

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Nowadays when the infrastructure of the computer and phone networks has become very large and everybody has at least one device for access to it the problem of protecting our privacy is very important. It is known from numerous leaked documents and recognition of such person as Edward Snowden about the global data surveillance programs like PRISM, Xkeyscore, Tempora so a lot of people no longer feel safe when online. So the problem of avoiding the total surveillance is urgent for everybody in our new information society.

At first let's take a look at the main privacy leakage sources. They can be divided into two groups: the sources we can not get rid of and the sources we can.

So what are the main sources of leakage we can not block. At first there are hardware transceivers and backdoors. Because the hardware of 99% of computer devices are proprietary we can not totally control it. Also we can not opt out of tracking from mobile carriers. The only thing we can do is to stop using mobile phones but it's mostly impossible at present.

The second group are sources that we can block.

So what can we do to minimize tracking? Let's begin with mobile platforms. If you have an Android device at first look for Replicant or CyanogenMod ROM for your device. That are ROMs that don't include Google Apps — the most dangerous component in Google Android. If such ROMs are unavailable for your model just remove Google Apps by yourself and use f-Droid instead of Google Play.

If you have iOS or Windows Phone device the only thing you can do is to buy a new device.

So even in our time of the global surveillance and tracking there are several ways to protect our personal life and feel a little safe. Considered methods can not provide absolute security and privacy because of fast development of decryption software, companies policies and just the human nature. But if we try to protect our data today we will have more chances to save our secrets from the third part and maybe change the situation in the future.