

HOW TO PROTECT YOUR PRIVACY IN INTERNET

This document provides a non-exclusive and not prioritized list of software tools and services that help citizens to protect their privacy in Internet

Disk Encryption

- DiskCryptor - https://diskcryptor.net/wiki/Main_Page ¹
- tcNext - <https://truecrypt.ch/> ^{1,2,3}
- CipherShed - <https://ciphershed.org/> ^{1,2,3}
- FileVault - <http://support.apple.com/en-us/HT4790> ²
- BitLocker – <http://windows.microsoft.com/en-us/windows7/products/features/bitlocker> ¹
- GnuPG - <https://gnupg.org/> ^{1,2,3,4}

Encryption of Communication Channel

- HTTPS Everywhere - <https://www.eff.org/https-everywhere> ^{7,8,9}

Email

- Prism - <http://prismproof.org/index.html> ^{1,2,3}
- BitMessage - https://bitmessage.org/wiki/Main_Page ^{1,2,3}
- Sendinc - <https://www.sendinc.com/> ^{*}
- Enigmail - <https://enigmail.net/home/index.php> ^{1,2,3,4}
- Mailvelope - <https://www.mailvelope.com/> ^{7,8}
- GnuPG - <https://www.gnupg.org/> ^{1,2,3,4}
- Startmail - <https://live.startmail.com/> ^{*}
- GPG Tools - <https://gpgtools.org/> ²
- iPGmail - <https://ipgmail.com/> ⁶
- And You And I - <https://andyouandiapp.wordpress.com/> ⁶
- oPenGP - <https://itunes.apple.com/us/app/opengp/id414003727?mt=8> ⁶

Voice (and Video) Communication

- Cellcrypt - <http://cellcrypt.com/> ^{4,5,6}
- Celltrust - <http://www.celltrust.com/> ^{4,6}
- OSTN - <https://ostel.co/> ^{*}
- Omnisec - <http://www.omnisec.ch> ^{*}
- Seecrypt - <https://www.seecrypt.com/> ^{1,4,5,6}
- SilentPhone - <https://silentcircle.com> ^{4,6}
- Redphone - <https://whispersystems.org/> ⁴
- Jitsi - <https://jitsi.org/> ^{1,2,3}
- Tox - <https://tox.im/> ^{*}

Web Browsing

TOR – <https://www.torproject.org/>^{1,2,3} (Has recently been compromised. Refer to TOR Blog for more information)

I2P – <https://geti2p.net>^{1,2,3,4}

Blur – <https://dnt.abine.com>^{*}

Disconnect – <https://disconnect.me/>^{1,2,4,6}

NoScript – <http://noscript.net/>⁷

Orweb – <https://play.google.com/> (Search for application Orweb)⁴

Onion Browser – <https://itunes.apple.com/us/app/onion-browser/id519296448?mt=8>⁶

Chat / IM

TorChat – <https://github.com/prof7bit/TorChat/downloads>^{1,3}

Pidgin – <https://pidgin.im/>^{1,2,3}

Adium – <https://www.adium.im/>²

MiOTR – <http://code.google.com/p/mirotr/>¹

Cryptocat – <https://crypto.cat/>^{2,6,7,8,9,10}

Jitsi - <https://jitsi.org/>^{1,2,3}

ChatSecure - <https://itunes.apple.com/us/app/opengp/id414003727?mt=8>⁶

Search Engines

DuckDuckGo - <https://duckduckgo.com/>^{*}

Ixquick - <https://ixquick.com/>^{*}

StartPage – <https://startpage.com/>^{*}

Operating Systems

Qube OS - <https://qubes-os.org/>

OpenBSD – <http://www.openbsd.org/>

TAILS - <https://tails.boum.org/>

Install perimeter security – firewalls and antivirus

Apply software and security updates regularly – setup automatic updates if possible

Use strong passwords – more than 8 chars using a mix of alphanumeric and special symbols

Do not open unknown mail attachments and do not follow suspicious web links

NEVER reveal your passwords or bank details to third parties