

# CRYPTOGRAPHIC TOOLS

 This symbol indicates a newer, less-trusted tool users should be more wary of

## ENCRYPTED E-MAIL



**GPG4Win**  
**GPGTools**  
**GPA**

GnuPG, a free implementation of OpenPGP

Windows: <http://www.gpg4win.org/>

OS X: <https://gpgtools.org/>

Linux: <https://www.gnupg.org/>



**Thunderbird+Enigmail**

OpenPGP extension for the Mozilla Thunderbird email client

<https://www.enigmail.net/>



**Google End-to-End** 

Chrome extension for in-browser OpenPGP

<https://code.google.com/p/end-to-end/>



**Whiteout.io** 

Chrome extension + mobile apps for OpenPGP

<https://whiteout.io/>

## TRAFFIC HIDING



**Tor (The Onion Router)**

Traffic analysis-resistant multi-layered volunteer routing network

<https://www.torproject.org/>



**I2P (Internet Invisibility Project)**

Multi-layer traffic encryption with peer-to-peer traffic routing

<https://geti2p.net/>

## INSTANT MESSAGING



**Pidgin and Adium**

Instant messaging clients which implement the Off-The-Record (OTR) protocol

Windows: <https://www.pidgin.im/>

OS X: <https://adium.im/>

Linux: <https://www.pidgin.im/>



**TextSecure**

User-friendly encrypted chat for Android with sound cryptographic design

<https://github.com/WhisperSystems/TextSecure>



**Pond** 

Next-generation encrypted messaging over Tor for the overly paranoid

<https://pond.imperialviolet.org/>



**Silent Circle** 

Encrypted IM for mobile phones

<https://silentcircle.com/>

## PHONE CALLS



**Redphone**

Android client for making encrypted ZRTP calls

<https://github.com/WhisperSystems/RedPhone>



**Signal** 

iOS client for making encrypted ZRTP calls

<https://github.com/WhisperSystems/Signal-iOS>