

## Recommended Privacy-enhancing Software

View this sheet online at <https://tryingtogether.com/tools>

### Secure Messaging, Group Chat, and Phone Calls on Mobile and Desktop

- [Signal](#) by Open Whisper Systems (Android, iPhone, and Desktop; see [signal.org](https://signal.org))
  - Your messages are encrypted when recipient has Signal, unencrypted otherwise
  - Desktop version requires that you set up Signal on your phone first
- [Wire](#) (Mobile, Windows, Mac, and Web; see [wire.com](https://wire.com))
  - All messages & calls are encrypted. Allows for encrypted group calls, unlike Signal
- [WhatsApp](#) (Mobile, Desktop, and Web; see [whatsapp.com](https://whatsapp.com))
  - All messages and calls are encrypted
  - **Important:** Closed source, requires trusting the company rather than the community.

### Anonymous Web Browsing

- Desktop: [Tor](#) ([torproject.org](https://torproject.org))
- Android: [Orbot](#) and [Orfox](#) (install both, then browse the web using Orfox)

### Google Search Replacement (search engine that doesn't track you)

- [StartPage](#) ([startpage.com](https://startpage.com); uses Google Search behind the scenes)

### Anonymous Instant Messaging

- [Ricochet](#) ([ricochet.im](https://ricochet.im)) (works on Windows, Mac, and Linux; sends your IMs over Tor)
- [Tor Messenger](#) (beta) (works on Windows, Mac, and Linux)

### Skype Replacement (more secure video conferencing)

- [Jitsi Meet](#) ([meet.jit.si](https://meet.jit.si); encrypted end-to-end when 2 participants, but not >2)

### Browser Extensions (to increase security between you and websites that support HTTPS)

- [HTTPS Everywhere](#): [eff.org/https-everywhere](https://eff.org/https-everywhere)

### Secure Email (won't encrypt emails you receive; outgoing emails can *optionally* be encrypted)

- [ProtonMail](#) ([Android version](#); [iPhone version](#); [desktop web app](#))
  - Emails sent to other ProtonMail users will be encrypted automatically
  - When sending encrypted emails, the body & attachments are encrypted, but [not the subject](#)

### Additional Resources (*Highly Recommended*):

- [securityplanner.org](https://securityplanner.org): customized recommendations of tools + security advice
- [ssd.eff.org](https://ssd.eff.org) (EFF's "Surveillance Self-Defense"); [cryptoparty.in/learn/tools](https://cryptoparty.in/learn/tools); [prism-break.org](https://prism-break.org)

### Contact me, Steve Phillips, if you have any questions or need help

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