

presents

READ ME

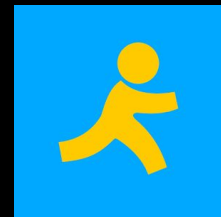
1. ()
()
() () ()
() () ()
() () ()
() () ()

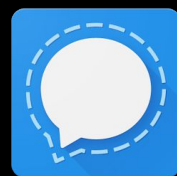
README

=

UCLA Information Studies students
advocating for digital rights

<http://uclareadme.wordpress.com>





Signal

But first...

Ground rules:

- > Recognize we are all in different places
- > Ground conversation in personal experience rather than theory or technology
- > What is personal stays in the room, no bringing of names outside workshop
- > What else?

Q1.

How do we communicate
information?

List your messaging and email
strategies with your partner.

Q2.

What are you worried about?

Q3.

What is the likelihood
it will happen?

Q4.

What are the consequences
if it does?

Q5.

How much trouble are you
willing to go through to
prevent it?

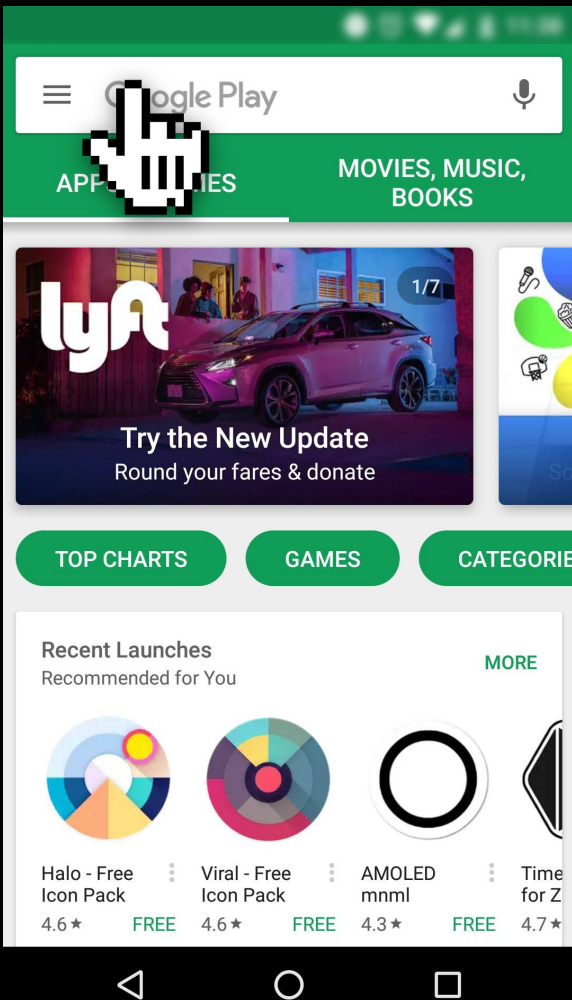
Why Signal?

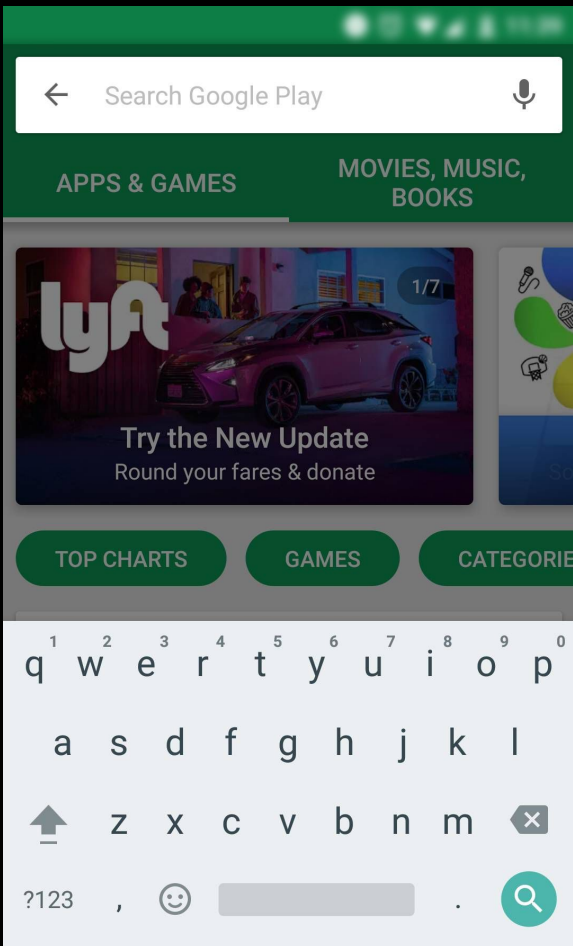
- > Cross-platform on iOS or Android (unlike iMessage)
- > End-to-end encrypted by default (unlike Telegram or FB)
- > Messages are hidden from the provider (unlike Skype)
- > Code is open and available for review (unlike Whatsapp)
- > Security design is properly documented (unlike Viber)
- > Settings to automatically clear chat logs (unlike Allo)
- > Silo'd from other data about you (unlike Google)
- > Funded by donations and grants (unlike all of the above)
- > ...all while remaining free!

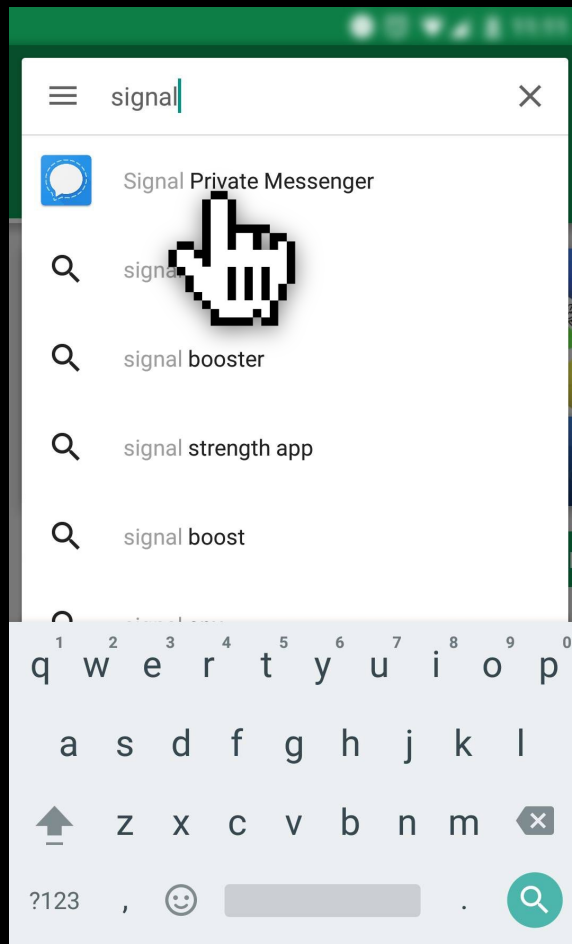
Read more: <https://www.eff.org/secure-messaging-scorecard>

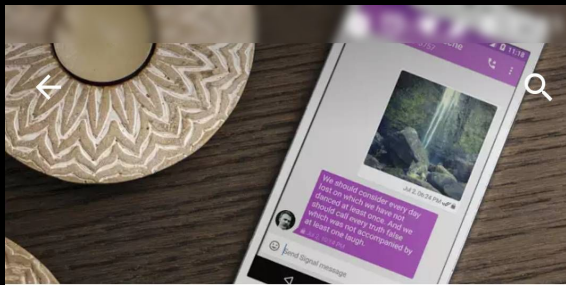
Is Signal right for you?

- > Requires smartphone with iOS or Android
- > Your identity will be connected to your phone number
- > Easy to install/use, but some diligence suggested
- > Current desktop version in beta (we've encountered bugs)
- > Are the people you want to talk to willing to use it, a.k.a. network effect?










Signal Private Messenger

Open Whisper Systems 

 Everyone

INSTALL



Downloads



133,405 



Communication



Similar

Signal makes privacy simple. Send text, photos, and group messages for free!

[READ MORE](#)

Disappearing Messages

Voice or Video Calls

Stay Private



Signal Private Messenger

needs access to



Device & app history



Identity



Calendar



Contacts



Location



SMS



Phone



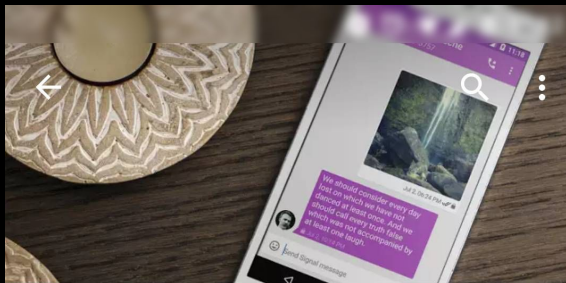
Photos/Media/Files



Google Play

ACCEPT





Signal Private Messenger

Open Whisper Systems 

 Everyone

12.13 MB/21.28 MB

57% 



Downloads



133,405 



Communication



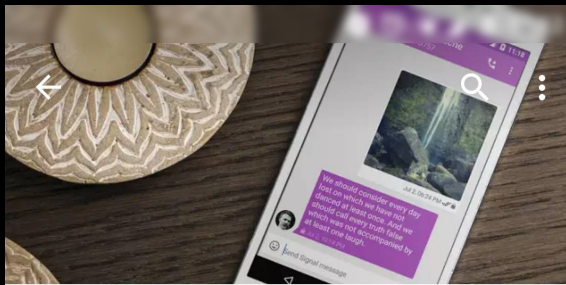
Similar

Signal makes privacy simple. Send text, photos, and group messages for free!




WHAT'S NEW

Changes in 4.5.3:



Signal Private Messenger

Open Whisper Systems 

 Everyone

UNINSTALL

OPEN



Downloads



133,405 



Communication



Similar

Signal makes privacy simple. Send text, photos, and group messages for free!



WHAT'S NEW

Changes in 4.5.3:

Connect with Signal

YOUR COUNTRY

United States

YOUR COUNTRY CODE AND PHONE NUMBER

+ 1 (415) 555-5555

Verify your phone number to connect with Signal.

Registration transmits some contact information to the server. It is not stored.

Register

pow

Connect with Signal

YOUR COUNTRY
United States


+1 415-555-5555

Double-check that this is your number! We're about to verify it with an SMS.

[EDIT](#)

[CONTINUE](#)



powered by  twilio

Verifying number

Signal will now automatically verify your number with a confirmation SMS message.

- ✓ Connecting...
- ✓ Waiting for SMS verification...
- Generating keys...
- Registering with server...

This could take a moment. Please be patient, we'll notify you when verification is complete.

Signal



Use as default SMS app



Tap to make Signal your default SMS app.





Enter name or number



A



Alan Banks
+1 555 123 4567



Alan Patterson
+1 555 123 4567



Anna Larkin
+1 555 123 4567



Arvid Holmström-Heller
+1 555 123 4567

C



Carson Fisk-Nelson
+1 555 123 4567



Christine Rayman
+1 555 123 4567



Clare Evans
+1 555 123 4567

E

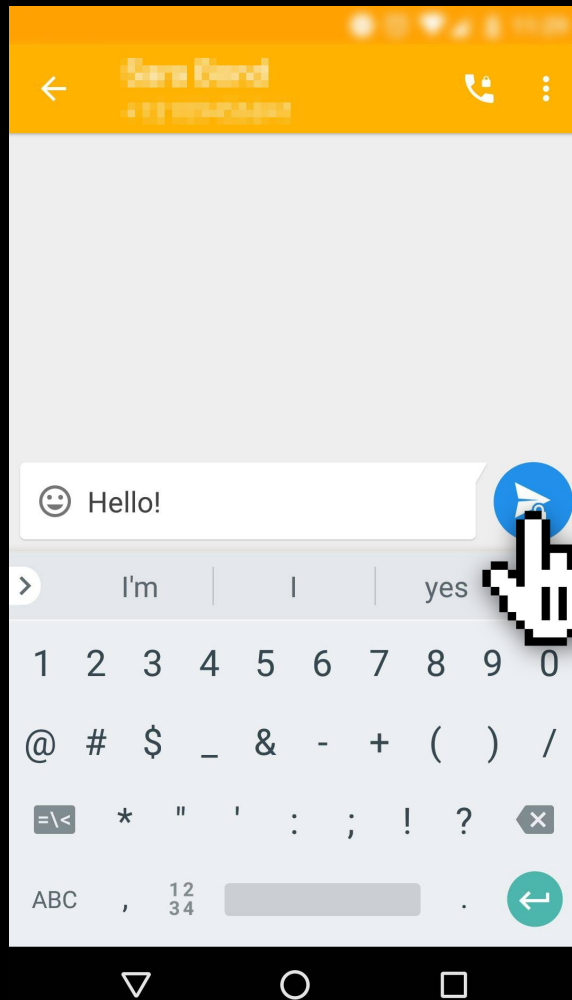


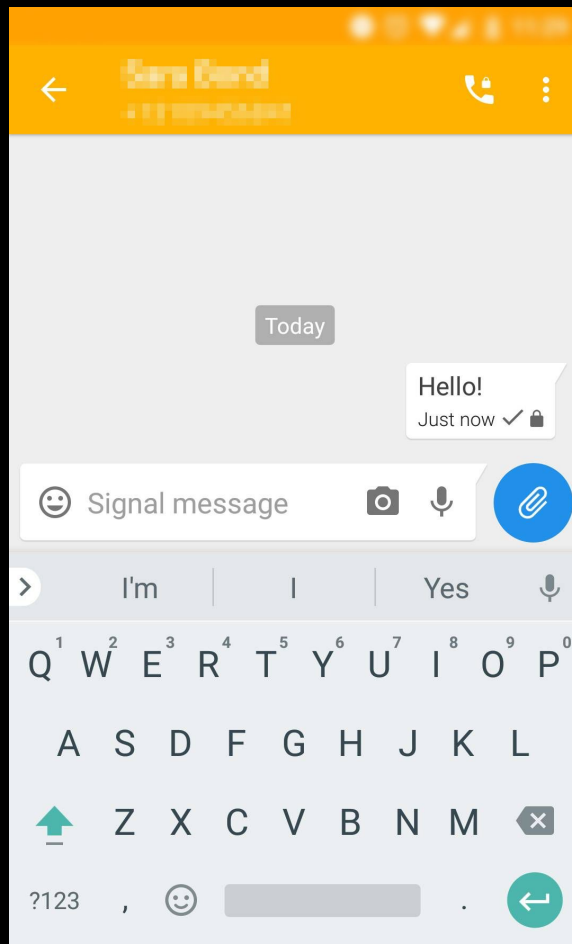
Ellen Katz
+1 555 123 4567

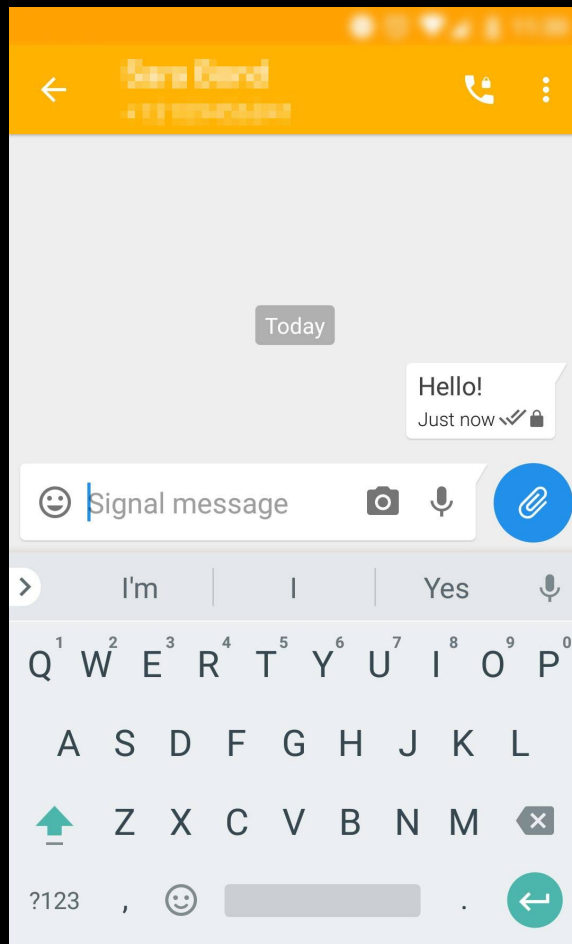
G



Gregory Williams
+1 555 123 4567







Signal



Use as default SMS app

Tap to make Signal your default SMS app.



 Signal

New group

Mark all read

Invite friends

Import / export

Settings





Settings



SMS and MMS

Off



Notifications

On



Phone

Passphrase off, Screen security off



Appearance

Theme Light, Language Default



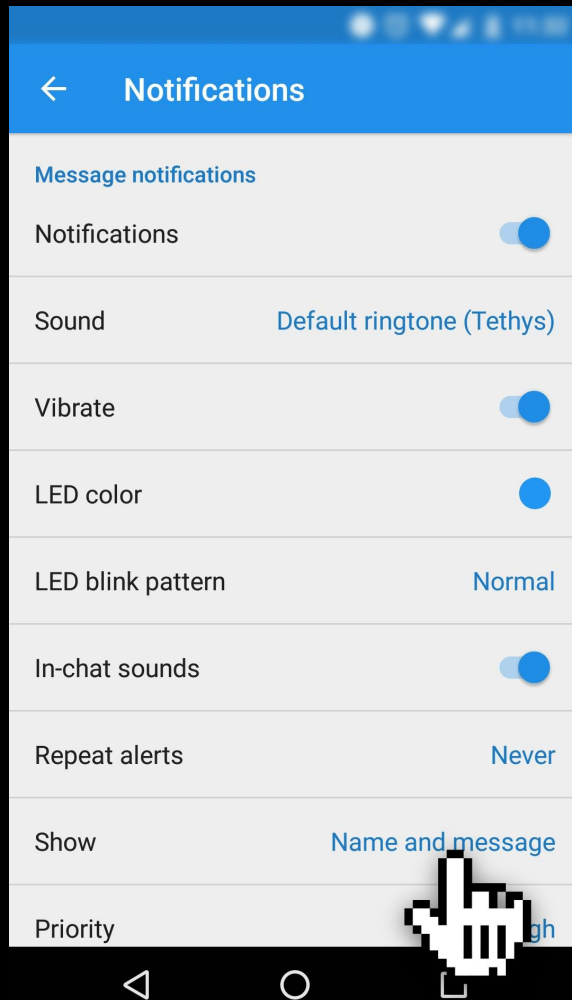
Chats and media



Linked devices



Advanced



← Notifications

Message notifications

Notifications



Show

- ☒ Name and message
- ☐ Name only
- ☐ No name or message



CANCEL

Repeat alerts

Never

Show

Name and message

Priority

High

← Notifications

Message notifications

Notifications



Show

- ☐ Name and message
- ☒ Name only
- ☐ No name or message

CANCEL

Repeat alerts

Never

Show

Name only

Priority

High

Signal



Use as default SMS app

Tap to make Signal your default SMS app.



 Signal

New group

Mark all read

Invite friends

Import / export

Settings





Settings



SMS and MMS

Off



Notifications

On



Privacy

Passphrase off, Screen security off



Appearance

Theme Light, Language Default



Chats and media



Devices



Advanced



← Chats and media

Display invitation prompts for contacts without Signal ☐

Use system emoji
Disable Signal's built-in emoji support ☐

Enter key sends
Pressing the Enter key will send text messages ☐

Message trimming

Delete old messages
Automatically delete older messages once a conversation exceeds a specified length ☐

Conversation length limit
500 messages per conversation

Trim all conversations now
Scan through all conversations and enforce conversation length limits



← Chats and media

Display invitation prompts for contacts without Signal



Use system emoji

Disable Signal's built-in emoji support



Enter key sends

Pressing the Enter key will send text messages



Message trimming

Delete old messages

Automatically delete older messages once a conversation exceeds a specified length



Conversation length limit

500 messages per conversation

Trim all conversations now

Scan through all conversations and enforce conversation length limits

Next steps:

- > Use your phone's lock screen with a secure passcode
(current infosec consensus: no fingerprint, 6-digits)
- > Consider encrypting your phone (automatic for iOS
but requires additional steps on Android)
- > Explore other features: group chat, disappearing messages,
voice and video calls, verify with safety numbers, et al.
- > Install desktop version (Chrome browser required)
- > Watch for Signal in the news

Further reading:

- > Micah Lee, "Cybersecurity for the People,"
The Intercept, published May 1, 2017
<https://interc.pt/2q1jHrc>
- > EFF, "Surveillance Self Defense,"
<https://ssd.eff.org/en>
- > Open Whisper Systems Blog
<https://whispersystems.org/blog>

Connect with README:

<http://uclareadme.wordpress.com>

uclareadme@riseup.net

#UCLAREADME on Twitter