Keep Signal Safe

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https://ssd.eff.org/en/module/how-use-signal-android
https://theintercept.com/2016/07/02/security-tips-every-signal-user-should-know/

1. Lock Down Your Phone
2. Hide Messages on Your Lock Screen
3. Use Disappearing Messages
4. Verify Your Contacts

1. Lock Down Your Phone

Signal uses strong end-to-end encryption, which, when properly used, ensures that no one involved in facilitating your conversation can see what you're saying

But Signal's encryption scheme can't stop someone from picking up your phone and opening the app to read through your conversations. You have to take additional precautions.

Set up your phone's screen lock with strong passcode or password

Enable Signal's Screen Lock

iPhone users: *Click Settings > Privacy > Screen Lock*
Android users: *Click Settings > Privacy > Screen Lock*

Unlock Signal
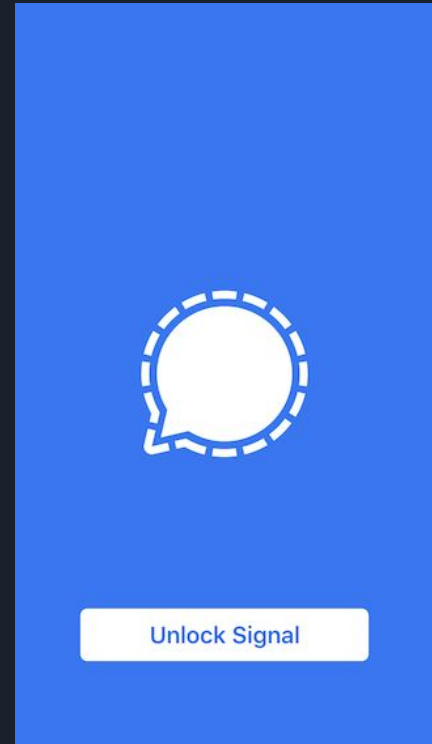
2. Hide Messages on Your Lock Screen

Signal's powerful encryption won't necessarily help you if other people can see incoming Signal messages displayed on your lock screen.

If you're using Android:

- Open the Settings app, and under "Device" > "Sound & notification" select "When device is locked."
- The options are "Show all notification content," "Hide sensitive notification content," or "Don't show notifications at all."

If you're using an iPhone:

- Open the Signal app and click the gear icon in the top-left to get to Signal's settings. Under "Notifications" > "Background Notifications," tap "Show."
- The options are "Sender name & message," "Sender name only," or "No name or message." Choose "No name or message" — this way you'll still be notified when you get a Signal message, but you'll have to unlock your phone to see who it's from and what it says.
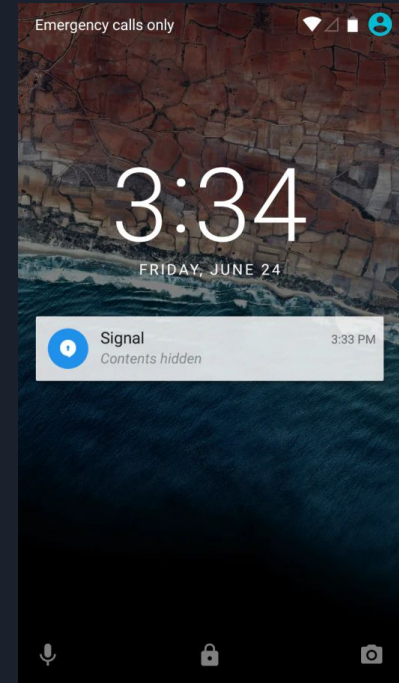
3. Use Disappearing Messages

Signal has a feature called "disappearing messages" which ensures that messages will be removed from your device and the device of your contact some chosen amount of time after they are seen.

To enable "disappearing messages" for a conversation, open the screen where you are able to message your contact. From this screen, tap the overflow icon (the three dots in the upper-right corner of the screen) and select "Disappearing messages."
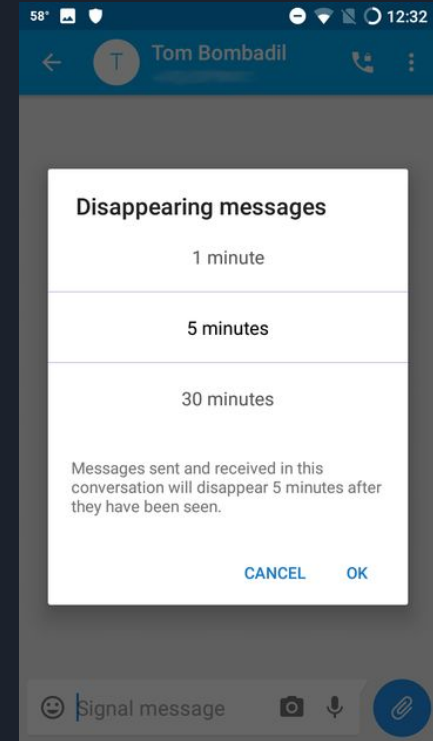
4. Verify Your Contacts

Each person you text with in Signal has something called an identity key. When "Juliet" sends "Romeo" a message for the first time, her Signal app downloads a copy of his identity key and stores it on her phone and visa versa. So long as these identity keys are valid — the key that Juliet has stored for Romeo is actually Romeo's real key and not some attacker's key — then the messages they send to each other are secure.