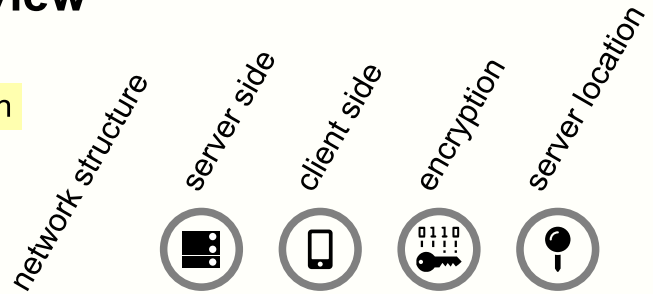


Messenger systems - quick overview

- open source (free software) recommendation
- closed source (proprietary)

Messenger system Examples of programs/apps
 (which offer at least Android or iOS apps)



Messengers for regular chat (à la WhatsApp)

Messenger	Network Structure	Server Side	Client Side	Encryption	Server Location
Briar Jami Tox peer to peer (serverless/integrated) = provider-independent	-				-none-
Chatstandard (XMPP) Conversations, Quicksy, blabber, monocles, Snikket, Yaxim, Gajim, Monal, Siskin, Dino, ... decentralized (federated) everyone can choose server and software freely = provider-independent					any
Matrix <small>FluffyChat, ditto, ...</small>					any
E-Mail / IMAP <small>Delta Chat, Dib2Qm, ...</small>					any
Wire centralized provider (rights holder) does not federate although software is open source = provider-dependent					EU (A)
Signal centralized = provider-dependent	(S)				USA (A)
Threema					Switzerland
Telegram centralized proprietary server software (company secret) client side may be open source = provider-dependent			(T) 1		unkn. 2
Whatsapp / Viber					USA / unknown
Skype Facebook Messenger				1	USA
WeChat					China

Teamchat Solutions / Groupware (optimized for group work à la Slack)

Matrix <small>Element, SchildiChat, ...</small> decentralized (federated) = provider-independent					any
Rocket.Chat (only limited federation between servers)					any
Mattermost Zulip Nextcloud Talk decentr.	(F)			3	any
Webex centralized server and client are proprietary and company secrets = provider-dependent					USA+EU
Slack Microsoft Teams					USA
Discord					USA

(A) AWS = Amazon Web Services = hosted on Amazon servers more information: www.freie-messenger.de/warumnicht
 (F) No federation between servers (german website) www.freie-messenger.de/systemvergleich
 (S) The server code is owned by Signal and is usually (not always) published; unofficial clients aren't allowed to connect to Signals server
 (T) Encryption has to be activated manually ("secret chat"), has drawbacks
 (1) No encryption in groups (2) Depending on the location of the user
 (3) None or uncomplete end-to-end-encryption

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