

















Messenger	Briar	Conversations (XMPP)	Delta Chat	Discord	Element (Matrix)	iMessage	Jami	Signal	SimpleX	Siskin (XMPP)	Skype	Telegram	Threema	Viber	WhatsApp	Wire	
Last update: 12 April 2024																	
Environment & Accounts																	
Android	yes	yes	yes	yes	yes	no	yes	yes	yes	no (see Conversations)	yes	yes	yes	yes	yes	yes	
iOS	no	no (see Siskin)	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	
Web/Desktop	yes	yes (various clients)	yes	yes	yes (various clients)	only macOS	yes	yes	yes	yes (various clients)	yes	yes	yes	yes	yes	yes	
Multiple accounts/profiles (multi-account)	no	yes	yes	yes	yes	no	no	no	yes	yes	yes	yes	no	no	no	yes	
Use on multiple devices (in addition to mobile device)	no	yes	yes	yes	yes	yes	yes (with Swarms)	yes, but only one Android/iOS device	yes, with desktop application, but app must be active in the same network	yes	yes	yes, but only unencrypted chats are synchronized	yes, but only one Android/iOS device	yes, but only one Android/iOS device	up to four additional devices	up to eight additional devices	
Security & Privacy																	
Open Source	GPLv3	GPLv3	GPL	no	Apache 2.0	no	GPLv3	GPLv3	AGPLv3	GPLv3	no	GPLv2 (only client)	AGPLv3 (only client)	no	no	GPL	
Comes without proprietary libraries	yes	yes	yes	no	yes	no	yes	no	yes	no	no	yes (only F-Droid version)	yes (only F-Droid version)	no	no	no	
Encryption protocol / library	Bramble	OMEMO (Signal Protocol)	OpenPGP with Autocrypt	–	Olm / Megolm (Signal Protocol, partly PFS)	proprietary, unknown	RSA-Keys (4096-Bit)	Signal Protocol	NaCl and more Encryption primitives (Signal Protocol)	OMEMO (Signal Protocol)	proprietary / Signal Protocol	MTProto 2.0	NaCl / Ibex	Signal Protocol (unverifiable)	Signal Protocol (unverifiable)	Proteus (Signal Protocol)	
End-to-end encryption	yes	yes	clients with Autocrypt support	no	yes	yes	yes	yes	yes	yes	no	only individual chats (optional)	only individual chats (optional)	yes	yes	yes	
Post-quantum encryption	no	no	no	no	no	yes	no	yes	yes	no	no	no	no	no	no	no	
Local message encryption	yes	no	no	no	yes	yes	no	yes	yes	no	no	no	yes	no	yes	yes	
Contact verification possible	yes	yes	yes	no	yes	no	yes	yes	yes	yes	no	only in secret chats	yes	yes	yes	yes	
Notification if contact's fingerprint changes	yes	yes (if previously verified)	only in verified group chats	no	yes	no	–	yes	–	yes (if previously verified)	no	no	yes	no	must be enabled	yes (if previously verified)	
Last security audit	2023	2023	2023	–	2023	–	–	2023	2023	–	–	–	2023	–	–	2023	
Tracker integration	no	no	Opt-in	yes	Opt-in	no	no	no	no	no	yes	yes	no	yes	yes	no	
Use without phone number possible	yes	yes	yes	partly for anti-abuse necessary	yes	yes	yes	required for registration	yes	yes	yes	required for registration	yes	no	no, forwarding to Facebook	yes	
Avoids / Protects metadata during use	yes	no	no	no	no	no	partially	partially	yes	no	no	no	partially	no	no	no	
Reasonably useful without sharing the contact list	yes	yes	yes	yes	yes	no	yes	yes	yes	yes	yes	yes	yes	no	no	yes	
Advertising-free	yes	yes	yes	no	yes	yes	yes	yes	yes	yes	no	no	yes	no	no	yes	
Sustainability																	
Centralized / Federated / Decentralized	decentralized, Peer-to-peer	federated	federated	centralized	federated	centralized	decentralized, Peer-to-peer	centralized	anonymous, decentralized routing	federated	centralized	centralized	centralized	centralized	centralized	centralized	
Infrastructure hosting	–	distributed server	distributed server	Google and Cloudflare	distributed server / Google (Opt-In)	Apple	–	Amazon, Microsoft, Google & Cloudflare	distributed server	distributed server	Microsoft	Amazon, Google and others	Server in Switzerland	Akamai	Facebook	Amazon	
Client available since	2017	2014	2017	2015	2016	2011	2018	2014	2022	2016	2003	2013	2012	2010	2009	2014	
Transparency / Financing (Including donations)	transparent	clear funding	transparent	fee-based offers	partially non-transparent	non-transparent	fee-based offers	partially non-transparent	donation-based, investors	clear funding	non-transparent	premium subscription, but mostly non-transparent	clear funding	premium subscription, but mostly non-transparent	non-transparent	non-transparent, change of location	
Availability	Website, Play Store, F-Droid	Play Store, F-Droid	Website, Play Store, F-Droid, App Store	Play Store, App Store	Play Store, F-Droid, App Store	App Store	Play Store, F-Droid, App Store	Website, Play Store, App Store	Play Store, F-Droid, App Store	App Store	Play Store, App Store	Play Store, F-Droid, App Store	Website, Play Store, F-Droid, App Store	Play Store, App Store	Website, Play Store, App Store	Website, Play Store, App Store (outdated), App Store	
Legal jurisdiction	–	depending on server location	depending on server location	USA	depending on server location	USA	–	USA	–	depending on server location	USA	Dubai (alternating)	Swiss	Japan	USA	Germany	
Functions																	
Voice messages	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	
Audio-/Video-chats	no	yes (depending on server)	no	yes	yes	seperate app	yes	yes	yes	yes (depending on server)	yes	yes	yes	yes	yes	yes	
Group chats	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	
File exchange	yes (images only)	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	
Self-destructing messages	yes	no	yes	no	partially, depending on server	no	no	yes	yes	no	no	yes	no	yes	yes	yes	
Backup																	
Storage location	no (reason)	locally	locally	no	locally and / or Cloud	locally and / or Cloud	locally	locally (only Android)	locally	no	locally	Cloud (except secret chats)	locally and / or (own) server	Cloud	locally and Cloud	locally	
Automated	–	no	no	–	partially, after setup	after setup (only Cloud)	no	after setup	no	–	no	yes	partially, after setup	after setup	after setup	no	
Encrypted	–	yes	no	–	yes	yes (locally)	no	yes	yes	–	no	key with the provider	yes	no	key with the provider	only iOS	
Kuketz-Blog																	
Link to review	Link	Link	Link	–	Link	–	–	Link	Link	–	–	Link	Link	–	–	Link	
Operability / Target group (subjective) Recommendation	Nerd, Activist, Journalist	Advanced	Advanced	Beginner	Advanced	Beginner	Advanced	Beginner	Advanced	Advanced	Beginner	Beginner	Beginner	Beginner	Nerd, Developer	Beginner	Advanced
	yes	yes	limited	no	yes	no	limited	yes	limited	yes	no	no	yes	no	no	limited	