	Security & Privacy											Compatibility										Features & Usability						Sustainability			
	Active [1]	TLS	Open Client	Open Server	On Premise	Anonymous [2]	E2E Private	E2E Group	E2E Default [3]	E2E Audit [4]	FIDO1 / U2F	Desktop Web	Mobile Web	Android	Apple iOS	AOSP [5]	Win	macOS	Linux	*BSD	Terminal	MDM [6]	Offline Messages [7]	File Share	Audio Call	Video Call	Phoneless [8]	Decentralized or Federated [9]	Open Spec	IETF [10]	Introduced
Riot/Matrix	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	PARTIAL	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	2014
XMPP	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	PARTIAL	TRUE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	1999
NextCloud Talk	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	2018
Wire	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	TRUE	PARTIAL	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	2014
Briar [11]	TRUE	TRUE	TRUE	I/A [12]	N/A	TRUE	TRUE	TRUE	TRUE	TRUE	N/A [13]	FALSE	FALSE	TRUE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	2016
Tox	TRUE	TRUE	TRUE	I/A [14]	N/A	TRUE	TRUE	TRUE	TRUE	FALSE	N/A [15]	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	PARTIAL	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	2013
Kontalk	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE	FALSE	TRUE	TRUE	TRUE	PARTIAL	2014
DeltaChat	TRUE	TRUE	TRUE	RUE [16	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE	FALSE	FALSE	PARTIAL	FALSE	FALSE	TRUE	TRUE	TRUE	FALSE	FALSE	TRUE	TRUE	TRUE	PARTIAL	2017
Ring	TRUE	TRUE	TRUE	I/A [17]	N/A	TRUE	TRUE	TRUE	TRUE	FALSE	N/A [18]	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	RTIAL [1	FALSE	2016
BitMessage	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	FALSE	2014
Ricochet	TRUE	TRUE	TRUE	I/A [20]	N/A	TRUE	TRUE	TRUE	TRUE	FALSE	N/A [21]	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	FALSE	2016
PSYC-2	TRUE	TRUE	TRUE	I/A [22]	N/A	TRUE	TRUE	TRUE	TRUE	FALSE	N/A [23]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	2013
Status.im	TRUE	TRUE	TRUE	I/A [24]	N/A	TRUE	TRUE	TRUE	TRUE	FALSE	N/A [25]	FALSE	FALSE	TRUE	TRUE		FALSE	TRUE	TRUE	FALSE			PARTIAL				TRUE	TRUE		FALSE	2016
Rocket	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE [26]	TRUE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	2015
IRC	TRUE	PARTIAL	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	TRUE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	1988
Mattermost	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	2016
Zulip	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	TRUE	RUE [27	TRUE	FALSE	FALSE	FALSE	2014
Orbit	TRUE	PARTIAL	TRUE	I/A [28]	N/A	TRUE	FALSE	FALSE	FALSE	FALSE	N/A [29]	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	TRUE	TRUE	FALSE	FALSE	2015
Mumble	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	FALSE	TRUE	FALSE	TRUE	FALSE	TRUE	FALSE	2005
Spectrum	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	2011
Signal	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	2014
Semaphor	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE	FALSE	TRUE	TRUE	TRUE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	2016
Keybase	TRUE	TRUE	TRUE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	2017
Surespot	TRUE	TRUE	TRUE	FALSE	FALSE	TRUE	TRUE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	
Silence	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	
Telegram	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	PARTIAL	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	TRUE	FALSE	
SMS/MMS	TRUE	TOKEN [36	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	TRUE	PARTIAL		
IMS/RCS	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	TRUE	FALSE		
Discord	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	
Gitter	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE	FALSE	
Duo	TRUE	AIMED [3	FALSE	FALSE	FALSE	FALSE	LAIMED [32	AIMED [3	LAIMED [34	FALSE	TRUE	FALSE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	
Keeperchat	TRUE	AIMED [3	FALSE	FALSE	FALSE	FALSE	LAIMED [36	AIMED [3	LAIMED [38	FALSE	TRUE	FALSE	FALSE	TRUE	TRUE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	2017
Wickr	TRUE	AIMED [3	FALSE	FALSE	TRUE	FALSE	LAIMED [40	AIMED [4	LAIMED [42	FALSE	FALSE	TRUE	FALSE	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	
Threema	TRUE	AIMED [4	FALSE	FALSE	FALSE	TRUE	LAIMED [44	AIMED [4	LAIMED [46	FALSE	FALSE	TRUE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	FALSE	FALSE	
Whatsapp	TRUE	AIMED [4	FALSE	FALSE	FALSE	FALSE	LAIMED [48	AIMED [4	LAIMED [50	FALSE	FALSE	TRUE	FALSE	TRUE	TRUE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	
iMessage	TRUE	AIMED [5	FALSE	FALSE	FALSE	FALSE	LAIMED [52	AIMED [5	LAIMED [54	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	
MS Teams	TRUE	AIMED [5	FALSE	FALSE	TRUE	TRUE	LAIMED [56	AIMED [5	LAIMED [58	FALSE	FALSE	TRUE	FALSE	TRUE	TRUE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	
Facetime	TRUE	AIMED [5	FALSE	FALSE	FALSE	FALSE	LAIMED [60	AIMED [6	LAIMED [62	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	
Line	TRUE	AIMED [6	FALSE	FALSE	FALSE	FALSE	LAIMED [64	AIMED [6	LAIMED [66	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	
Viber	TRUE	AIMED [6	FALSE	FALSE	FALSE	FALSE	LAIMED [68	AIMED [6	LAIMED [70	FALSE	FALSE			TRUE	TRUE		TRUE	TRUE			FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	
Allo	TRUE	AIMED [7	FALSE	FALSE	FALSE	FALSE	LAIMED [72	AIMED [7	FALSE [74]	FALSE	TRUE	FALSE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	
Facebook	TRUE	AIMED [7	FALSE	FALSE	FALSE	FALSE	LAIMED [76	AIMED [7	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	
Skype	TRUE	AIMED [7	FALSE	FALSE	FALSE	FALSE	LAIMED [79	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	
Kakaotalk	TRUE	AIMED [8	FALSE	FALSE	FALSE	FALSE	LAIMED [81	FALSE	FALSE	FALSE	FALSE			TRUE	TRUE		TRUE	TRUE			FALSE	TRUE	TRUE	TRUE	TRUE			FALSE	FALSE	FALSE	
Hangouts	TRUE	AIMED [8	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	FALSE	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	
Zoom	TRUE	AIMED [8	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE	FALSE	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	
Slack	TRUE	AIMED [8	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	
Reddit Chat	TRUE	AIMED [8	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	
Twitch	TRUE	AIMED [8	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE	TRUE	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE	FALSE	
Instagram	TRUE	AIMED [8	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	
Snapchat	TRUE	AIMED [8	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	
Steam	TRUE	AIMED [8	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE		TRUE	TRUE	TRUE	TRUE	TRUE	TRUE		FALSE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	FALSE	FALSE	FALSE	
WeChat	TRUE		FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE		TRUE	TRUE		TRUE	TRUE	TRUE			TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	2011
Kik	TRUE	AIMED [9	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE			TRUE							FALSE	TRUE	TRUE	TRUE				FALSE	FALSE	FALSE	
BBM	TRUE	AIMED [9	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE										FALSE	TRUE	TRUE					FALSE	FALSE	FALSE	
IMO	TRUE	AIMED [9	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	TRUE	TRUE					FALSE	FALSE	FALSE	
QQ	TRUE		FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE		TRUE	TRUE		TRUE	TRUE	FALSE		FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	1999
Zalo	TRUE	AIMED [9	FALSE	FALSE						FALSE	FALSE	TRUE		TRUE	TRUE						FALSE	TRUE			TRUE	TRUE				FALSE	
Tango	TRUE		FALSE	FALSE	FALSE					FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE		TRUE	TRUE	TRUE					
Tuenti	TRUE		FALSE	FALSE	FALSE					FALSE	FALSE	TRUE		TRUE	TRUE						FALSE	TRUE			TRUE			FALSE	FALSE	FALSE	
ICQ	TRUE	AIMED [94]								FALSE	FALSE						TRUE				TRUE	TRUE						FALSE		FALSE	
Gadu Gadu	TRUE	AIMED [9	FALSE	FALSE	FALSE					FALSE	FALSE			TRUE	TRUE		TRUE	TRUE	TRUE		FALSE	TRUE	TRUE	TRUE	TRUE				FALSE	FALSE	FALSE	
stealthy.im	TRUE													TRUE	TRUE																
Pond	FALSE		TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE			FALSE	FALSE	FALSE		FALSE	TRUE	FALSE	

	Security & Privacy											Compatibility										Features & Usability						Sustainability			
	Active [1]	TLS	Open Client	Open Server	On Premise	Anonymous [2]	E2E Private	E2E Group	E2E Default [3]	E2E Audit [4]	FIDO1 / U2F	Desktop Web	Mobile Web	Android	Apple iOS	AOSP [5]	Win	macOS	Linux	*BSD	Terminal	MDM [6]	Offline Messages [7]	File Share	Audio Call	Video Call	Phoneless [8]	Decentralized or Federated [9]	Open Spec	IETF [10]	Introduced
SILC	FALSE		TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	FALSE	TRUE		TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	
PSYC-1	ALSE [96]		TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE		TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	2000
Zephyr	FALSE		TRUE							FALSE	FALSE										FALSE										
AIM	FALSE	AIMED [97]		FALSE			FALSE	FALSE	FALSE	FALSE	FALSE						TRUE				TRUE							FALSE		FALSE	
MSN	FALSE	FALSE	FALSE	FALSE	FALSE		FALSE	FALSE	FALSE	FALSE	FALSE						TRUE				TRUE						TRUE	FALSE		FALSE	
Yahoo	FALSE	FALSE	FALSE	FALSE	FALSE		FALSE	FALSE	FALSE	FALSE	FALSE										TRUE						TRUE	FALSE		FALSE	
ooVoo	FALSE									FALSE	FALSE										FALSE										
Echo	LSE? [98]					TRUE				FALSE	FALSE										FALSE						TRUE	TRUE			
cfc.io																															
vero																															
tinode																															
Dust														TRUE	TRUE																

[1] The creators of the app/protocol are continuing development/support of it.
For Open Source projects: has had a commit in the last year.

[2] If a phone number or other permanent-ish identifier is required for using the platform

[3] Are all chats end-to-end encrypted by default?

[4] Has there been a third party audit on the overall end to end encryption protocol by a well known security research firm or academic institution.

[5] This means there is an open source signed package available to a package manager that works on phones without Google Play. E.G. a reproducible F-Droid release.

[6] Multi-device messaging: More than one device can be directly connected to a given account at the same time

[7] If the receiving party does not have the client open; can you send them a message?

[8] Do you need an actual phone to use the software? e.g. do you need to receive an SMS to sign up?

[9] Multiple people can run their own servers and communicate between them. E-mail is an example of a federated network where gmail users can communicate with fastmail users

[10] Is the protocol documented in a published IETF or other international standards body document?
Usually this column is "Does an RFC exist for the protocol"

[11] Currently has NO support for connecting 2 people who aren't in Bluetooth range.

[12] Actually serverless, but we default to the happy state for that.

[13] Serverless

[14] Actually serverless, but we default to the happy state for that.

[15] Serverless

[16] Actually uses email servers.

[17] Actually serverless, but we default to the happy state for that.

[18] Serverless

[19] Ring is a set of open specs glued together. Some of the ways they are connected together are under-spec'd

[20] Actually serverless, but we default to the happy state for that.

[21] Serverless

[22] Actually serverless but we default to the happy state for that

[23] Serverless

[24] Actually serverless, but we default to the happy state for that.

[25] Serverless

[26] As of 0.70.0

[27] Via jitsi meet. See https://zulipchat.com/help/start-a-call

[28] Actually serverless, but we default to the happy state for that.

[29] Serverless

[30] In the US 2G downgrade requests must be honored which uses A5/1 encryption which has rainbow tables for the entire keyspace this fit in 2TB.

[31] Not possible to verify as application is closed source. Maintainer could compromise security at any time without detection.

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[95] Not possible to verify as application is closed source. Maintainer could compromise security at any time without detection.

[96] From https://about.psyc.eu/#Stay_in_touch
> There is no active development of the old federation PSYC1 technology, just maintenance.

[97] Not possible to verify as application is closed source. Maintainer could compromise security at any time without detection.

[98] Seems to have one active implementation. But author is of questionable sanity