

## Comparison of Open Messaging Solutions

February 2024

	AtomJump Hosted	AtomJump Custom Front-end	AtomJump Server	Mattermost
<b>Open Source</b>	Yes, server hosted on AtomJump	Yes, server hosted on AtomJump	Yes	Yes
<b>Browser-based live chat</b>	Yes	Yes	Yes	Yes
<b>Local storage of messages and users</b>	No	No	Yes	Yes
<b>Indication of users writing</b>	Yes	Yes	Yes	Yes
<b>Group chat</b>	Yes	Yes	Yes	Yes
<b>Private chat</b>	Yes	Yes	Yes	Yes
<b>Share photos</b>	Yes	Yes	Yes	Yes
<b>Share videos</b>	Yes	Yes	Yes	Yes
<b>Share documents (PDF)</b>	Yes	Yes	Yes	Yes
<b>Share audio files</b>	Yes	Yes	Yes	Yes
<b>Share links</b>	Yes	Yes	Yes	Yes
<b>Video conferencing (browser)</b>	Yes	Yes	Yes	Unsure
<b>Share screens</b>	Yes	Yes	Yes	Unsure
<b>Peer to peer payments</b>	Yes	Yes	Yes	Unsure
<b>Residual message memory</b>	Yes	Yes	Yes	Yes
<b>Anonymous Messages</b>	Yes	Yes	Yes	No
<b>Multiple conference rooms</b>	Yes	Yes	Yes	Yes
<b>Open Forum (can access without reg)</b>	Yes	Yes	Yes, optional	No
<b>Anti-spam defences</b>	Yes	Yes	Yes	Unsure
<b>Message search</b>	No	Yes	Yes	Yes
<b>General database search (e.g. ODBC)</b>	No	Yes	Yes	Unsure
<b>Edit/delete messages</b>	Delete	Delete	Delete	Edit & delete
<b>Send file attachments</b>	In roadmap (jitsi.org off video link su	In roadmap (jitsi.org off video link s	In roadmap (jitsi.org off video link su	Yes
<b>Internet Explorer Support</b>	Yes, >= ver 8	Yes, >= 8	Yes, >= 8	Unsure
<b>Edge Support</b>	Yes	Yes	Yes	Unsure
<b>Firefox Support</b>	Yes	Yes	Yes	Yes
<b>Chrome Support</b>	Yes	Yes	Yes	Yes
<b>Safari Support</b>	Yes	Yes	Yes	Unsure
<b>Chrome Mobile Support</b>	Yes	Yes	Yes	Unsure
<b>Safari Mobile Support (iPhone/iPad)</b>	Yes	Yes	Yes	Unsure
<b>Android Mobile Support</b>	Yes	Yes	Yes	Unsure
<b>Firefox Mobile Support</b>	Yes	Yes	Yes	Unsure
<b>Android App</b>	Yes (Progressive Web App, PWA)	Yes (PWA)	Yes (PWA)	Yes
<b>iPhone/iPad App</b>	Yes (PWA)	Yes (PWA)	Yes (PWA)	Yes
<b>Windows Desktop</b>	Yes, via browser	Yes, via browser	Yes, via browser	Yes
<b>Mac OSX Desktop</b>	Yes, via browser	Yes, via browser	Yes, via browser	Yes
<b>Linux Desktop</b>	Yes, via browser	Yes, via browser	Yes, via browser	Yes
<b>Secure communication https</b>	Yes	Yes (also from http site)	Yes, optional	Yes, likely enterprise ver
<b>Load balancer cluster</b>	Yes	Yes	Yes, optional	Yes, likely enterprise ver
<b>Server cluster</b>	Yes	Yes	Yes, optional	Yes, likely enterprise ver
<b>Database server cluster</b>	Yes, MySQL (multi-read, single write)	Yes, MySQL (multi-read, single write)	Yes, optional	Yes, likely enterprise ver
<b>Server Software Platform</b>	PHP >=5.3, Some NodeJS plugins	PHP >=5.3, Some NodeJS plugins	PHP >=5.3, Some NodeJS plugins	Go, compiled
<b>Public software additions/alterations</b>	Yes, useful plugins	Yes	Yes	Must be approved

<b>Email notification</b>	Yes	Yes	Yes, optional	Yes, optional
<b>SMS notification</b>	No	Yes, optional	Yes, optional (Twilio account)	Unsure
<b>App notification</b>	Yes, optional, pull rather than push	Yes, optional, pull rather than push	Yes, optional, pull rather than push	Yes
<b>Hosting Platform</b>	Self-hosted, centered in New Zealand	Self-hosted, centered in New Zealand	Any	Any
<b>Download messages in spreadsheet format</b>	Yes	Yes	Yes	Unsure
<b>Live API feed (JSON)</b>	Yes	Yes	Yes	Unsure
<b>Insert Messages API</b>	No	No	Yes	Unsure
<b>Live sentiment analysis</b>	Yes	Yes	Yes	Unsure
<b>Extensions/Plugins</b>	Yes	Yes	Yes	Yes
<b>Platform Integrations</b>	Plugin API available	Plugin API available	Plugin API available	Yes
<b>CSS-level alterations, to match look and feel</b>	No	Yes	Yes	Unsure, but may require consultants
<b>Interface text alterations</b>	No	No	Yes	No, unless a project developer
<b>Insert into website</b>	No	Yes, a forum can pop up off any link	Yes, a forum can pop up off any link	No
<b>Interface in multiple languages</b>	Yes (currently 15 popular languages)	Yes (currently 15 popular languages)	Yes, any	Unsure
<b>Unicode support</b>	Yes	Yes	Yes	Yes
<b>Forum ownership/group ownership</b>	Yes, no limits. Cost for private group	Yes	Yes	Yes
<b>HTML5-based</b>	Yes	Yes	Yes	Unsure
<b>Any timezone</b>	Yes	Yes	Yes	Yes
<b>Analytics</b>	No	No	Optional, Matomo	Unsure
<b>Social Integrations</b>	No	No	Yes, optional Twitter read and response	Unsure
<b>Price</b>	Free, except for private groups	Free, within reasonable use	Free	Free, but may require enterprise edition
<b>Domain</b>	*.atomjump.com	Your own	Your own	Your own
<b>Message backups</b>	Yes, twice daily	Yes, twice daily	Your plan	Your plan
<b>License</b>	Commercial	MIT license	MIT license	MIT license, and MIT compiled license

**KEY:** Coloured panels show differences between AtomJump installation styles