



MONGOOSEIM

Highly scalable, real-time messaging server

What it is?

MongooseIM is a scalable, extensible and efficient real-time messaging server that allows organisations to build cost-effective communication solutions.

MongooseIM is specifically designed for businesses facing the challenges of large deployments, where real-time communication and user experience are critical.

Why MongooseIM?

- High speed & secure messaging
- Massive scalability and fault tolerance
- Speed and ease of deployment guarantees rapid time to market
- Can be deployed on-premise, removing the security risks and legal concerns of the cloud
- Reduces costs as the messaging server utilises the hardware fully and efficiently
- Built on the XMPP protocol, an open standard that is proven, secure, extensible, and has been tried and tested over the years
- Built on an open protocol, meaning interoperability is a given
- Years of experience, a wide range of libraries and a large community to support
- Created with extensibility in mind, so that your particular needs can be tailored to
- A vast feature set that will continue to grow
- Trusted by 000s of businesses to reliably deliver the messaging solution they need

Who is it for?

- When there's a need for real-time communication and a fully fledged messaging experience
- Businesses that require or anticipate the need to scale
- Anyone requiring interoperability with other services and a diverse set of devices
- Businesses looking to optimise operational performance and reduce costs

Dynamic Domains

A single **MongooseIM** server can easily handle thousands of dynamically managed XMPP domains grouped into host types, making it possible to maintain thousands of chat solutions on one server. It is up to you to decide whether they should be isolated or connected together.

GraphQL

Featuring fine-grained access control, **MongooseIM** supports a powerful GraphQL API that exposes three different endpoints: Admin, Domain Admin, and User. The Domain Admin is a new level between Admin and User, and is meant to be used by administrators of single XMPP domains.

DevOps Friendly

MongooseIM offers powerful metrics and monitoring infrastructure that greatly improves DevOps' visibility for managing systems, regardless of the size of the installation. It offers ready containers and it can be deployed using kubernetes and helm charts.

Ready messaging solutions

MongooseIM makes use of the proven and extensible XMPP protocol, together with all the standard extensions you'd expect for a chat solution, like message archiving, carbon copies, chat notifications, rosters, privacy lists, and whatnot. And, it's an open source product, giving the users the freedom to add their own XEP extensions to suit their needs.

Extensibility

The architecture of the server is built in such a way that introducing more extensions, whether standard or custom ones, is a seamless developing experience.

Ready to test

A ready-to-use-solution is available to you at trymongoose.im to check out **MongooseIM**'s offering and functionality, to support your decision making.

- **We developed MongooselM:** and as we're at the heart of Mongoose, we can customise and adapt to meet bespoke customer needs quickly and efficiently.
- **Global centre of messaging excellence:** our team lives and breathes messaging and is dedicated to delivering the best messaging solution for the market.
- **Diverse experience:** our team has collectively worked across all vertical sectors, bringing unparalleled industry understanding and knowledge to any project.
- **Load testing approach:** we have a unique focus on load testing, ensuring SLAs, prime performance, and no regressions.
- **Effective communication:** we invest time in setting and managing customer expectations, communicating progress and removing the frustration that can happen without regular dialogue.
- **Erlang proficiency:** we are world leading consultancy for Erlang, our specialists have extensive experience supporting businesses across the world with their mission-critical systems and architecture.
- **Additional support:** we are the perfect team to help with any further support you might need - including consultancy, development or code & architecture reviews. We also offer training should your team need upskilling.

We can help you build scalable communication systems specific to your needs, so you can start small and grow to match your ambition and imagination. Whether you have thousands of users or billions, we'll make sure they get the message. To find out more, contact us at:

<https://www.erlang-solutions.com/contact/>