



Mattermost Developer Efficiency Cost-Benefit Analysis



Many teams, when evaluating a potential new tool, are looking to determine whether the benefit of that tool is worth the cost. While Mattermost can benefit companies in several ways, one of the most immediate benefits is increased developer efficiency as measured by time saved. The following calculations compare the cost of a Mattermost license with the typical time savings for a user.

$$\begin{array}{ccccc} \boxed{\text{€80k}} & + & \boxed{\text{€24k}} & = & \boxed{\text{€104k}} \\ \text{Average salary of a developer} & & \text{Corporate taxes} & & \text{Total annual cost} \end{array}$$

$$\begin{array}{ccccc} \boxed{\text{€104k}} & / & \boxed{240} & = & \boxed{\text{€433}} \\ \text{Total annual cost} & & \text{Working days} & & \text{Dev cost per day} \end{array}$$

$$\begin{array}{ccccc} \boxed{(\text{€113})} & / & \boxed{\text{€433}} & \times & \boxed{8} & = & \boxed{2} \\ \text{Cost of Mattermost license*} & & \text{Dev cost per day} & & \text{Hours} & & \text{Hours of saved time needed to cover cost of Mattermost license} \end{array}$$

$$\begin{array}{ccccc} \boxed{120} & / & \boxed{10} & = & \boxed{12} \\ \text{\# of minutes of saved time needed to cover cost of MM license} & & \text{Average minutes saved/day with Mattermost} & & \text{Days of usage needed to pay for Mattermost} \end{array}$$

*Mattermost license cost subject to change based on current exchange rates

How Mattermost saves developers time

Facilitates more efficient coordination

Message-based conversation allows team members to discuss decisions, share context, and ask questions quickly and easily. Mattermost allows for both real-time and asynchronous communication, creating flexibility for working across teams, offices, time zones, and schedules.

Efficient messaging workflows can reduce meetings, since Mattermost allows team members to keep others updated and follow along with ongoing work. Recent research by Nemertes found that organizations using collaboration software to reduce meetings saw an average 22.8% reduction in meetings.

Helps team members find information more quickly

Mattermost creates a shared repository of knowledge whose value grows over time. This persistent, searchable log of knowledge allows the appropriate team members access to not only conversations they've initiated or participated in, but potentially conversations that happened even before they joined the team. Compared to email, this makes Mattermost a much more powerful source of knowledge.

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Increases transparency

Channel-based discussion allows team members with relevant information or knowledge to jump into conversations to troubleshoot, answer questions, and provide information. Team members can easily be added to conversations as needed.

Mattermost helps developers be more efficient by allowing them to actively message with their team or stay passively aware of status and progress.

And with channel-based messaging, team members can ask for help even if they don't specifically know who to ask, and others can chime in to help them get what they need.



Reduces context switching

Concentration and time lost due to context switching is one of the most common ways developers are slowed down. But by integrating popular DevOps tools, team members can take action across multiple tools and systems in the same place they're collaborating, discussing issues, and making decisions. Integrating DevOps tools like GitLab, Jira, or Jenkins and using commands to trigger actions in these tools like these allows them to spend less time logging into systems, switching programs, navigating menus, and performing repetitive tasks.



Enables workflow automation

Many developers describe Mattermost as “1000 ways to save 5 minutes.” Mattermost allows developers the ability to automate manual tasks to save small amounts of time that compound over longer periods. By creating plugins, bots, or automated workflows, developers can save huge amounts of time in the long run.



If you're interested in exploring how Mattermost can save your developers time and increase productivity, contact sales@mattermost.com

About Mattermost

Mattermost is the open source collaboration platform built for development teams to drive innovation. Its on-premise and private cloud deployment provides the benefits of modern communication without sacrificing privacy. Mattermost gives enterprises the autonomy and extensibility they need to be more productive while meeting the requirements of IT and security teams.