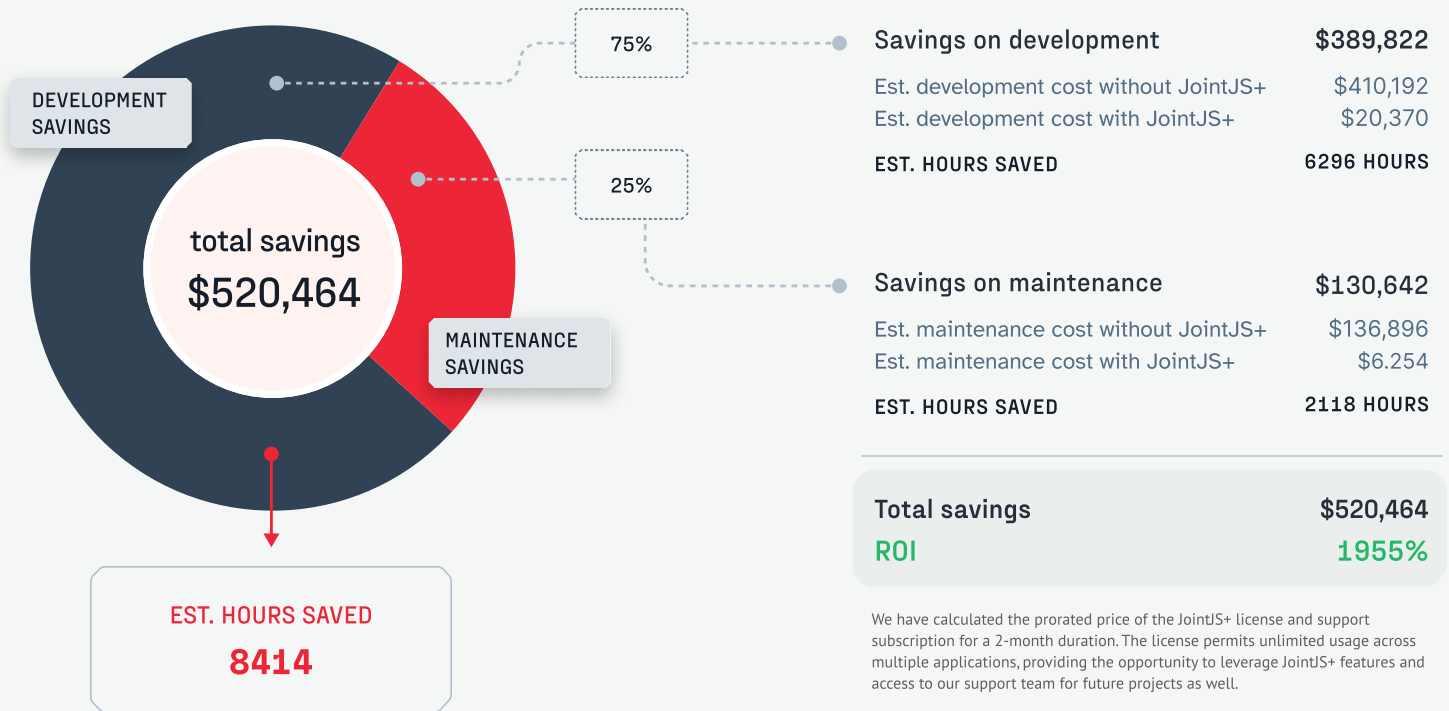


# Diagramming library **powering exceptional UIs**

## SAVE RESOURCES WITH THE #1 LIBRARY

Your savings in **next 3 years**



## Calculator inputs

[REQUEST A TAILORED ROI CALCULATION >](#)

### Dynamic inputs

- What application are you building?  
Generic flowchart builder with key diagram features
- Time required for three developers to launch this app from scratch?  
14 months
- Time required to maintain the app without JointJS+?  
61 hours a month (for three years)
- What's the average annual software engineer salary?  
\$119,224

### Static inputs

- What's the per-developer price for a JointJS+ license?  
\$498 (2/12 \* \$2,990) – We calculate the JointJS+ license price on a pro rata basis for a 2-month usage, considering future library utilization.
- How many licenses would you need?  
1 (only one developer is required to complete this project)
- Estimated maintenance time for the application with JointJS+?  
Approx. 30 hours/year (communication, updates)
- What's the cost of the support subscription?  
\$665 (2/12 \* \$3,990) – Premium support plan, prorated for two months

## Stories from companies **like yours**



### Bosch designs architecture **in a fraction of the time** using JointJS+

Bosch originally designed the architecture of its cloud-based product from the ground up and faced several hurdles. After thoroughly researching available diagramming libraries, the company decided to make use of JointJS+ and in a fraction of the time improved the way the architecture was modeled. [LEARN MORE >](#)



### Visual call flow designer developed **10x faster**

VOXO customers expect their solutions to be flexible and easy to understand. That's why this leading U.S. company decided to build its visual call flow designer using JointJS+ and accelerated their development tenfold. [LEARN MORE >](#)

## What is JointJS

JointJS is a leading JavaScript diagramming library that helps companies build professional visual and No-Code/Low-Code applications fast and with confidence. Our team has leveraged over a decade of experience in the market to develop a robust code base, which has emerged as the preferred solution for esteemed organizations like IBM, Oracle, BMW, AirBnB, and over 50,000 developers worldwide.

## Your gateway to endless diagramming possibilities

With JointJS, you can build interactive diagrams of any kind and enhance your application with advanced user interfaces such as chatbot builders, BPMN editors, floor planners, workflow designers, kanban boards and more. The availability of over 150 application templates allows you to introduce new product offerings or update existing ones in a matter of days, saving your scarce IT resources.



### Save time and money

Leverage a proven solution and cut development time significantly.



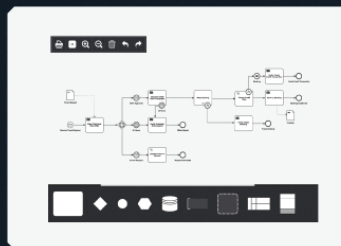
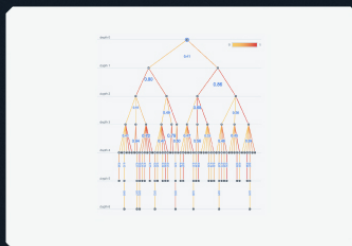
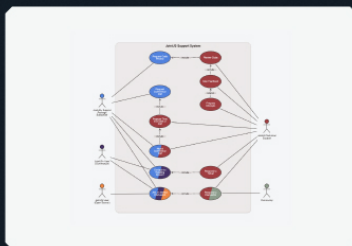
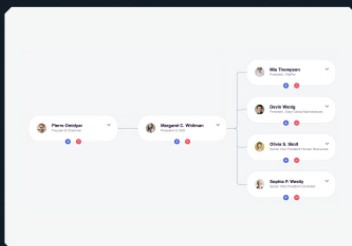
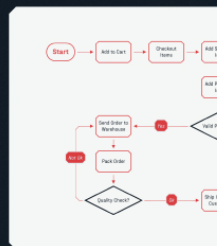
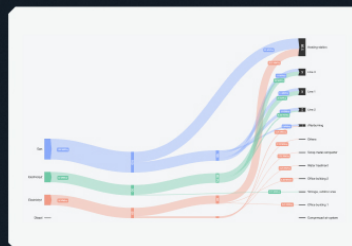
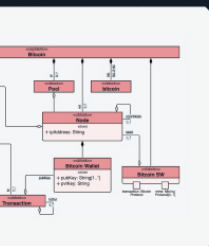
### Learn from experts

Get access to the makers of JointJS and gain valuable expertise.



### Build top technology

Outshine the competition and wow your customers with cutting-edge technology.



## A word from our CEO



*We firmly believe in the promising future of visual and No-Code/Low-Code tools, and our mission is to empower every company to create their own. With years of dedicated effort, we have meticulously developed a robust code base that acts as a reliable foundation for companies of all sizes.*

David Durman  
CEO, client IO

**10+**  
years on the market

**20 000**  
weekly downloads

**50 000**  
developers worldwide

## ROI calculation methodology: Insights and approach

In the ROI calculation, we compared two scenarios: building a [generic flowchart builder](#) that contains key diagramming features, with no pre-built components or external libraries, versus building it with the commercial JointJS+ license and receiving support from the JointJS team. The flowchart builder caters to a broad use case and is extensively used by many of our customers, with the ability to adapt to their specific requirements. Due to the complexity of all required functionalities, our estimates involve three developers dedicating a total of 6616 development hours to bring such an application to market without leveraging our library. The estimated time to market assumes that all three developers are fully dedicated to the project, working 160 hours per month, allowing the initial version of the app to be completed within 14 months.

However, by utilizing the JointJS+ license and having access to the library creators, the time to market decreases significantly from 6616 to 320 hours, and the number of dedicated developers reduces from three to one. Additional developers can further expedite the process, but this necessitates the acquisition of more JointJS+ licenses, which are available on a per-developer basis.

It is essential to recognize that the development of all the required features is only half of the journey. Maintaining, bug fixing, and improving the application may demand additional development resources and the team's undivided attention. Broken features and unmet customer needs can result in opportunity costs and potentially impact churn rate and NPS scores negatively. By leveraging our library and choosing our support plan, your team gains access to the creators of JointJS and other diagramming experts who actively participate in our community forum. This collaborative approach minimizes the risk of introducing broken functionalities and continually working on resolving them. Plus, by opting for our annual subscription to updates and upgrades (optional after the first year), you'll always be working with the most recent version of our library, ensuring compatibility with the latest frameworks, browsers and taking advantage of newly introduced features.

Please be aware that the overall calculation will vary based on your specific requirements and inputs, such as the developer salaries, the type of application, and its complexity. Feel free to use this model with your own inputs and estimates.

		without JointJS+	with JointJS+
App development	Estimated development time	6616 hours	320 hours
	Required number of dedicated developers	3	1
	Estimated time to market	14 months *	2 months **
	Development costs (salary) ***	\$410,192	\$19,872
	Prorated JointJS+ license ****	\$0	\$498
	<b>Total development costs</b>	<b>\$410,192</b>	<b>\$20,370</b>
App maintenance	Estimated maintenance time (over the period of three years) *****	2208 hours	90 hours
	Maintenance costs (salary) ***	\$136,896	\$5,589
	Prorated JointJS support subscription ****	\$0	\$665
	<b>Total maintenance costs</b>	<b>\$136,896</b>	<b>\$6,254</b>
<b>Total costs</b>		<b>\$547,088</b>	<b>\$26,624</b>

\* If you have three developers fully dedicated (160 hours/month), we estimate that it would take 14 months to bring the flowchart builder to market.

\*\* With one dedicated developer (160 hours/month) and the access to all JointJS+ features and the support team, we estimate it would take you 2 months to build the flowchart builder.

\*\*\* We used the median yearly salary of a Frontend Developer in the USA (\$119,224) for the calculation. Source: Salary.com. (n.d.). Front-End Developer Salary | Salary.com. <https://www.salary.com/research/salary/posting/front-end-developer-salary>

\*\*\*\* JointJS+ license and support subscriptions prices are applied. We have prorated the price of the license and support subscription for 2 months because you can use the license and access to our support team for an unlimited number of projects in the future. Note that support subscriptions is optional and do not need to be purchased to deliver a project in a shorter time compared to developing it from the ground up. Visit our pricing page for more information: <https://www.jointjs.com/pricing>

\*\*\*\*\* We estimate that without the JointJS+ license and access to the support team, you'll invest around 61 hours a month to app maintenance. On contrary, based on experience of our customers, with JointJS+ license and support from the library creators, you'd spend around 2.5 hours a month (30 a year) on maintenance (reporting issues to our support team and improving the application). Both figures in the table are calculated for a three-year period.