



Semaphore vs Bitbucket Pipelines

- ✓ Choose the CI/CD solution from the company that is 100% specialized in it
- ✓ Improve your engineer excellence with CI/CD performance metrics
- ✓ Model any DevOps workflow with ease

“Workflows that are relatively trivial on Semaphore require some rather creative juggling in Bitbucket Pipelines.”

D.Garwood



Compare Semaphore vs Bitbucket Pipelines

	Semaphore	Bitbucket Pipelines
Product type	★★★★★	★★★★★
SaaS	✔ Yes	✔ Yes
Hybrid: run agents on customer-managed infrastructure	✔ Yes	✔ Yes
On-premise option	✔ Yes	✘ No
Setup & Maintenance	★★★★★	★★★★★
Graphical pipeline configuration	✔ Yes. Workflow Builder: point-and-click interface to create and edit pipelines	✘ No
Intuitive project dashboard	✔ Yes. Customize the dashboard that shows your deployment activity	✘ No. Project dashboards have limited functionality
Github support	✔ Yes	✘ No
Bitbucket support	✔ Yes	✔ Yes
Gitlab support	✘ No. Planned	✘ No
Command-line interface	✔ Yes. CLI can manage projects and do everything the UI can	✔ Yes
Continuous integration	★★★★★	★★★★★
Test results reporting and insights	✔ Yes. See which tests passed/failed, find slowest tests to speed up development process.	✘ No
Debugging feedback loop	✔ Yes. Fast debugging via SSH access to both running and finished jobs.	✔ Yes
Native artifacts storage	✔ Yes. Semaphore can store artifacts on its side	✔ Yes
Continuous Delivery	★★★★★	★★★★★
Manage multiple deployment environments	✔ Yes	✔ Yes
Multi-stage releases	✔ Yes. Combine automatic steps with manual approval to ensure maximum reliability when delivering to users.	✘ No
Automatic and manual promotions	✔ Yes. Chain pipelines together for any CD workflow (blue/green, canary, etc).	✘ No
Deployment dashboards	✔ Yes. See which versions of all your applications have been deployed to which environment.	✘ No
Deployment queues	✔ Yes. Control which pipelines must run sequentially to prevent conflict and which may run in parallel.	✘ No
Performance	★★★★★	★★★★★
Top-of-market performance	✔ Yes	✘ No
Autoscaling parallelism	✔ Yes	✘ No
Allocate more CPUs and RAM to complex jobs	✔ Yes	✘ No
Built-in artifacts store	✔ Yes.	✔ Yes
Built-in Docker registry	✔ Yes	✔ Yes



	Semaphore	Bitbucket Pipelines
Support	★★★★★	★★★★★
Email-based account and technical support	✔ Yes	✔ Yes
Video call support	✔ Yes	✘ No
Support SLAs	✔ Yes	✘ No
Custom solution engineering	✔ Yes	✘ No
Dedicated customer success manager	✔ Yes	✘ No
Private Slack channel	✔ Yes	✘ No

Set up the pipelines exactly the way you need them to run



Model any DevOps workflow

Semaphore is great at modeling complex delivery workflows for fast feedback with chainable pipelines, parallel execution, and dependency management.



Clear, concise documentation

The Semaphore team takes documentation seriously. No more sparse docs where you can't find answers to your questions.



Adopt end-to-end Continuous Delivery

Configure your pipelines in the YAML file or in the UI using the visual workflow builder. Visuals make it simple to build workflows and define dependencies.



Have a partner – an extension of your team

Measure your team's operational performance and get an overview of where your team can improve. Track pass rate, build frequency, mean time to recover, CI speed, and other metrics.



Contact us for a demo and migration plan

[Book a call](#)

