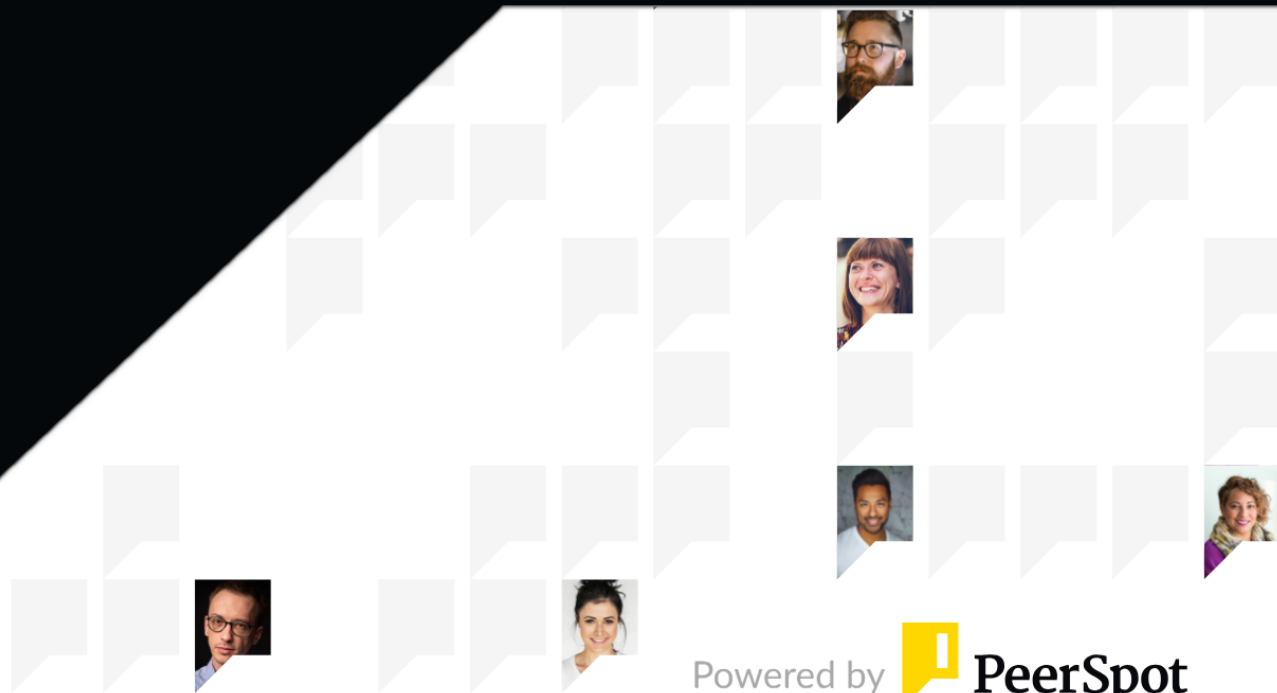


aws marketplace

Codefresh

Reviews, tips, and advice from real users



Powered by  **PeerSpot**

Contents

Product Recap..... 3 - 4

Valuable Features..... 5 - 13

Other Solutions Considered..... 14 - 15

ROI..... 16

Use Case..... 17 - 20

Setup..... 21

Customer Service and Support..... 22

Other Advice..... 23 - 26

Trends..... 27 - 28

About PeerSpot..... 29 - 30

Product Recap



Codefresh

Codefresh Recap

Codefresh is a progressive tool tailored for enhancing DevOps teams, enabling swift deployments with its Kubernetes-native architecture while supporting GitOps control to provide a centralized view of Argo CD runtimes and clusters.

Codefresh stands out by integrating real-time application health monitoring, efficient artifact management, and smart deployment strategies. Automation features reduce manual efforts allowing seamless version control integration. While users appreciate its extensibility and quick third-party tool integrations, there is room for improvements in UI performance with large logs and the promotion process between environments. Suggested enhancements include more features for cost optimization and capabilities within GCP. Taking advantage of Kubernetes and YAML proficiency for setup can be challenging, despite comprehensive documentation.

What are the key features of Codefresh?

- **GitOps Control Plane:** Provides a unified view of Argo CD runtimes and clusters.
- **Real-time Monitoring:** Enables immediate insights into application health.
- **Artifact Management:** Uses shared volume architecture for efficiency.
- **Kubernetes Integration:** Natively supports Kubernetes architectures.
- **Third-Party Integration:** Quickly connects with existing tools.

What benefits or ROI should users look for with Codefresh?

- **Faster Deployments:** Streamlines processes reducing time to market.
- **Reduced Manual Labor:** Automates repetitive tasks improving efficiency.
- **DevOps Efficiency:** Enhances capabilities with smart deployment strategies.
- **Error Reduction:** Minimizes manual errors through automation.

In industries relying on microservices and Kubernetes, Codefresh serves as a control plane integrated with Argo CD, facilitating the management of CI/CD pipelines. It automates Docker image builds and updates, decreasing manual errors and delays. Widely utilized for deploying containerized applications across environments like production and staging, it aids in infrastructure management and enhances the developer platform experience.

Valuable Features

Excerpts from real customer reviews on PeerSpot:



“Since switching to Codefresh, our organization has definitely seen approximately a 30 percent reduction in deployment times.”



Usman Shaikh

DevOps Engineer at a manufacturing company with 51-200 employees



“Before Codefresh, we had to plan the strategy, write the configuration file, and run everything; it used to take two to three days to plan and implement, but now it is a one-time job, so it can be done in ten to fifteen minutes, which has reduced a lot of time and sped up the automation and CI/CD, requiring fewer employees.”



Samruddhi Patil

Cloud Platform at Futurescape



“Compared to other general-purpose CI tools such as Jenkins, what really stands out for me is how Codefresh fits into a containerized, Kubernetes-based workflow.”



Ifeanyi Ajuwa

Senior DevOps Engineer at a transportation company with 10,001+ employees



“Codefresh has positively impacted my organization; it has been amazing.”



Daniel Tran

Strategy & Innovation Senior Dev Ops Engineer at National Australia Bank



“Codefresh has helped save time, reduce errors, and improve collaboration across teams.”



Prakashsinha Bayas

System Analyst at Cybage Software Pvt. Ltd.



“Codefresh impacts my organization positively by improving security and making the time of releases much shorter and faster than the previous scenario with CI/CD implementations.”



IvoFulco

Dev Ops Consultant at a outsourcing company with 1,001-5,000 employees



“Codefresh has positively impacted my organization by helping to deliver stories faster, minimizing defects, and deploying code quickly while completing user stories in a shorter time.”



Verified user

Senior Engineer at a insurance company with 1,001-5,000 employees

What users had to say about valuable features:

“The best features Codefresh offers are Git integration, a handy user interface, and integration with Kubernetes and Helm.

“The handy user interface and the Kubernetes and Helm integrations help me in my day-to-day work because they enable me to deploy code quickly and move code from different environments into production.

“Codefresh has positively impacted my organization by helping to deliver stories faster, minimizing defects, and deploying code quickly while completing user stories in a shorter time..”

Verified user

Senior Engineer at a insurance company with 1,001-5,000 employees

[Read full review](#) 

“In my opinion, the best features Codefresh offers are extensibility, flexibility, a lot of features, and it is also very fast. The documentation is really good and helps me in my day-to-day work. We were able to quickly move off Bamboo and CodeBuild from Google Cloud while using the same functionality that we require. Codefresh has really good GitOps capabilities.

“Codefresh has positively impacted my organization; it has been amazing. Previously, we would have to build scripts and go into Cloud Build in GCP, and we would have to build our own Terraform images and run that inside Cloud Build. When Codefresh came along, it was much easier to share code with everyone else because we had a single pipeline and similar templates.

“Everyone was more on board since switching to Codefresh. In terms of time saved, I would say one day saved per week. We used to have a lot of toil with Cloud Build, but no more with Codefresh..”

Daniel Tran

Strategy & Innovation Senior Dev Ops Engineer at National Australia Bank

[Read full review](#) 

“Codefresh helps with the self-service process and critical operations because it has solutions such as Argo CD which give me reliability and establish my environment to provide replicable resources and environments, from stage to production. It gives flexibility and security. We can replicate any time the same type of resources and our infrastructures are auditable.

“GitOps specifically makes things more flexible and secure for my team because I am using techniques such as secret storage in VSO, variable secret operator. The secrets operator gives more flexibility, such as rotating secrets and changing all values of security on auditable resources in my environment. I can reach more maturity in our environment using techniques for DevSecOps.

“Codefresh impacts my organization positively by improving security and making the time of releases much shorter and faster than the previous scenario with CI/CD implementations.

“I notice measurable outcomes such as improved security and the time of releases being much shorter and faster than the previous scenario with CI/CD implementations..”

IvoFulco

Dev Ops Consultant at a outsourcing company with 1,001-5,000 employees

[Read full review](#) 

“Codefresh is a very nice solution to have for build and release. It is similar to a Kubernetes and Docker instruction setup. There were many clusters we had from our different colleagues from different products that we used to maintain. I used to do user administration as well as team administration in there.

“The best features Codefresh offers, in my experience, include user authentication, easy maintenance of YAMLS, and overall ease of use. It provides its own Kubernetes clusters out of the box in the given cloud. Codefresh has its own cloud platform and software as a solution.

“The integration points with Slack and Teams help my workflow because they provide continuous notifications about whether the build has succeeded or not, allowing us to trial if it has failed for some reason. This keeps us moving forward. If a build passes, we get a notification in the channel, and then our team can start working on the next items from the backlog, and the ongoing sprint continues smoothly.

“Codefresh has positively impacted my organization because many projects and products have come together under its umbrella. For example, one product has around thirty to forty APIs, and we have seven to eight products now in that company. They are doing really great with Codefresh.

“Codefresh has helped save time, reduce errors, and improve collaboration across teams. The integration points help us to reduce time, improve performance, and make collaboration between teams easier to follow. We can have our coffee breaks, tea breaks, and lunch breaks and relax because Codefresh is looking after the things going on..”

Prakashsinha Bayas

System Analyst at Cybage Software Pvt. Ltd.

[Read full review](#) 

“The workflow I currently run has very specific use cases for strong Docker and Kubernetes integration, which is excellent. Codefresh is able to build, tag, scan, and push container images that fit naturally to our pipeline. It helps with the ease of GitOps integration. I really appreciate Codefresh because of the pipeline visualization. Not many tools have been able to deliver that feature in a way that interests me, where I can see where tests passed, where tests failed, security checks, and the image push. I value aesthetics in terms of UI, and Codefresh ticks that box for me in comparison to other tools.

“The pipeline visualization, apart from the aesthetics, makes troubleshooting significantly easier because I have clear visibility on each stage. I know exactly what stage failed and I can troubleshoot in regards to those phases. For example, if a new version was not able to make it to our Kubernetes environment, instead of immediately troubleshooting the cluster, I can go into Codefresh and see the pipeline execution step by step. If the build and test had passed but the image push stage had failed, I can go back to the pipeline YAML file or the artifact files and precisely narrow down the problem. I do not have to troubleshoot from the Argo CD part. I know exactly where the pipeline has failed, so instead of second-guessing whether it is a security gate issue, a unit or integration test phase issue, or a Git leak phase issue, I know for certain that my image push has failed and I can troubleshoot from that very point.

“Compared to other general-purpose CI tools such as Jenkins, what really stands out for me is how Codefresh fits into a containerized, Kubernetes-based workflow. With Jenkins, you can probably get the same pipeline, but you may spend more time managing plugins, agents, credentials, and other components. With Codefresh, the integration is seamless and fits very well with the GitOps model that we currently run, being able to automatically push and promote between environments. Codefresh comes in at a great place where I can hand off the build tool and not be worried about complexity and managing other tools. Being able to abstract complexity is huge, and Codefresh offers that scenario where I can abstract that extra level or extra layer of complexity..”

Ifeanyi Ajuwa

Senior DevOps Engineer at a transportation company with 10,001+ employees

[Read full review](#) 

“The best feature of Codefresh is the GitOps control plane, which provides a single unified view of all Argo CD runtimes and clusters on the dashboard. It completely removes the black box feeling of a Kubernetes cluster that you see in the CLI. It shows real-time health and sync status of every application across the entire organization.

“The unified dashboard in Codefresh has shifted our team from reactive to proactive collaboration. Instead of developers constantly asking the DevOps team for deployment status or manually checking multiple Argo CD runtimes, everyone can see the real-time health of their services in one place. On top of that, we have a job written which keeps the health check on the MS Teams chat, so the team is aware of the application status.

“One final feature that actually makes my life easier is the shared volume architecture across the pipeline steps. Unlike other CI/CD tools where you have to manually cache and upload or download artifacts between stages, Codefresh automatically persists the workspace across the entire workflow. I don't have to worry about the artifacts. This makes passing heavy Docker layers and build artifacts between the steps incredibly fast and simple.

“Since switching to Codefresh, our organization has definitely seen approximately a 30 percent reduction in deployment times. Previously, there was manual intervention required. After adapting to Argo CD, we see fewer manual errors, and by standardizing our pipelines through the step marketplace, we have eliminated the snowflake configuration that used to cause production outages. The GitOps automation with Argo CD has saved our DevOps team roughly three to four hours per week.

“The time we have reclaimed from manual deployments has allowed us to shift our focus from maintenance to innovations. Instead of spending several hours a week managing sync errors and building custom scripts, we have implemented advanced security such as SAST and DAST scanning directly into our pipeline, ensuring every image is vetted before it hits the cluster. Secondly, we have optimized infrastructure cost by dedicating time to fine-tune our Kubernetes resource requests and limits. Third, we have improved developer self-service by building a library of standard templates in the step marketplace. Now, a developer

can spin up a complete production-ready CI/CD pipeline for a new microservice in a minute..”

Usman Shaikh

DevOps Engineer at a manufacturing company with 51-200 employees

[Read full review](#) 

Other Solutions Considered

“Before Codefresh, we used to use STAR Team. The reason for the change was to simplify the workflow since we needed to maintain two integration points in STAR Team, whereas Codefresh simplifies the workflow..”

Prakashsinha Bayas

System Analyst at Cybage Software Pvt. Ltd.

[Read full review](#) 

“This is our first established solution, and it is the best platform.

Another choice before choosing Codefresh was CircleCI, but CircleCI was good for Docker-based deployments; however, we wanted something that supports Kubernetes, so we found Codefresh to be better for Kubernetes deployment..”

Samruddhi Patil

Cloud Platform at Futurescape

[Read full review](#) 

“Previously, before Codefresh, we were primarily using Jenkins before making the switch to Codefresh. The main reason for the move was that Jenkins felt like it was becoming a maintenance nightmare for our Kubernetes-native environment. We were spending too much time managing plugins, scaling the Jenkins master, and writing custom fragile groovy scripts for our deployments. We switched to Codefresh because it offered native GitOps support. Instead of building a custom bridge between our CI and Kubernetes cluster, Codefresh provided us a unified dashboard that natively integrated with Argo CD..”

Usman Shaikh

DevOps Engineer at a manufacturing company with 51-200 employees

[Read full review](#) 

ROI

Real user quotes about their ROI:

“I have seen a return on investment from using Codefresh.

Before Codefresh, we had to plan the strategy, write the configuration file, and run everything; it used to take two to three days to plan and implement, but now it is a one-time job, so it can be done in ten to fifteen minutes, which has reduced a lot of time and sped up the automation and CI/CD, requiring fewer employees..”

Samruddhi Patil

Cloud Platform at Futurescape

[Read full review](#) 

“We have seen a definitive return on investment both in terms of engineering efficiency and infrastructure stability. From a technical standpoint, our deployment frequency has tripled because we have moved from manual syncs to a fully automated GitOps flow. We have saved approximately four to six hours per week. In terms of dollars, considering both engineering cost and infrastructure cost, I would say the savings are more than at least \$10,000 to \$15,000..”

Usman Shaikh

DevOps Engineer at a manufacturing company with 51-200 employees

[Read full review](#) 

Use Case

“My main use case for Codefresh is establishing environments for critical operations and creating a self-service process in Argo CD, providing infrastructure and resources and other types of resources using Crossplane, and syncing on a repository through GitOps on Argo CD..”

IvoFulco

Dev Ops Consultant at a outsourcing company with 1,001-5,000 employees

[Read full review](#) 

“My main use case for Codefresh is continuous integration and delivery. I use Codefresh for continuous integration and delivery in my workflow by using CI/CD pipelines to trigger builds for code and deployments..”

Verified user

Senior Engineer at a insurance company with 1,001-5,000 employees

[Read full review](#) 

“My main use case for Codefresh is for build and release. For build and release with Codefresh, we maintain the version-controlled file of the pipeline. Once a commit happens, the build will trigger for that commit on that branch through a pull request. It will build the artifact, scan a few images in Docker, then put the artifact registry image in a remote registry, and then publish the deployed artifact to the deployed environment..”

Prakashsinha Bayas

System Analyst at Cybage Software Pvt. Ltd.

[Read full review](#) 

“My main use case for Codefresh is building pipelines, changing config, and creating a platform for developers.

“When I use Codefresh for building pipelines or creating that developer platform, I use a template that we bootstrapped for everyone else in the bank. We started building our own dedicated pipelines using this template. It would be in our GKE, as a shared pipeline in a shared cluster that we would use to deploy our GKE resources..”

Daniel Tran

Strategy & Innovation Senior Dev Ops Engineer at National Australia Bank

[Read full review](#) 

“Codefresh serves as the continuous integration tool in our GitOps principle deployment strategy, while we use Argo CD for deployment. Codefresh handles building, testing, and running test cases. When a change request is approved by the product team, developers push code that automatically triggers Codefresh for that specific branch. Codefresh checks out the code, runs unit and integration tests, then builds the Docker image.

“A recent scenario where Codefresh failed involved one of our test cases. Codefresh properly failed the pipeline to ensure that code being pushed meets the highest quality standards and security gates. Other special gates are attached to the pipeline, such as SonarQube analysis. Codefresh ensures we are able to pass these fixes, and at the very least, it serves as our build tool.

“The container-native pipeline and the handoff to Argo CD is quite unique..”

Ifeanyi Ajuwa

Senior DevOps Engineer at a transportation company with 10,001+ employees

[Read full review](#) 

“Our primary use case for Codefresh is building and deploying microservices to Kubernetes. We use Codefresh as a GitOps control plane, which is integrated with Argo CD to automate our deployments and manage environments efficiently.

“When a new commit is merged into our application repository, our Codefresh CI pipeline automatically builds the Docker image and pushes it to our registry. From there, we then use the GitOps update step in Codefresh to automatically update the image tag in our separate deployment repository that contains our Helm charts. Since that deployment repo is connected as a Git source to the Codefresh GitOps runtime, Argo CD immediately detects the out of sync state and pulls the new configuration into our Kubernetes cluster. This gives us a seamless automated flow from code to running pods.

“That is our main use case..”

Usman Shaikh

DevOps Engineer at a manufacturing company with 51-200 employees

[Read full review](#) 

Setup

The setup process involves configuring and preparing the product or service for use, which may include tasks such as installation, account creation, initial configuration, and troubleshooting any issues that may arise. Below you can find real user quotes about the setup process.

“We did not do a full-scale evaluation of other major platforms such as GitLab or Harness because we were already using Jenkins and had already started implementing Argo CD for our GitOps workflow. We were primarily looking for a better control plane that could unify these existing tools..”

Usman Shaikh

[Read full review](#) 

DevOps Engineer at a manufacturing company with 51-200 employees

Customer Service and Support

“The customer support for Codefresh has been nice. One of the team members had a few configurations that we suggested to Codefresh, and they took it and applied those configurations within Codefresh's product..”

Prakashsinha Bayas

System Analyst at Cybage Software Pvt. Ltd.

[Read full review](#) 

“Our experience with Codefresh customer support has been very positive. We are on an enterprise plan which gives us a four-hour target response time, but it usually happens before that time for normal issues and even faster when we have P1 priorities. We have reached out a few times, mostly for clarification on advanced GitOps runtimes configurations or minor UI bugs. The engineers we speak with are very highly technical. They don't just give us a generic script. They actually understand Kubernetes and container architecture, which makes a huge difference. Since the acquisition of Octopus Deploy, we have noticed the support resources have become very robust..”

Usman Shaikh

DevOps Engineer at a manufacturing company with 51-200 employees

[Read full review](#) 

Other Advice

“My advice for others looking into using Codefresh is to have a templated repo and have people start off with that. I would rate this product 10 out of 10..”

Daniel Tran

Strategy & Innovation Senior Dev Ops Engineer at National Australia Bank

[Read full review](#) 

“Codefresh is a great tool that gets the job done. You do not have to worry about frequent outages, which we have not experienced much of. Escalation is quick and instant. I give this product a rating of seven out of ten..”

Ifeanyi Ajuwa

Senior DevOps Engineer at a transportation company with 10,001+ employees

[Read full review](#) 

“I would rate Codefresh an eight out of ten because it is mostly positive. Regarding Codefresh's governance and security, I think it is pretty secure. Regarding Codefresh's accuracy and reliability of output, I believe it is pretty accurate. My advice for others looking into using Codefresh is to try it. My overall review rating for Codefresh is an eight..”

Verified user

Senior Engineer at a insurance company with 1,001-5,000 employees

[Read full review](#) 

“The advice I would give to others looking into using Codefresh is that they need to have that budget. Whoever wants to use Codefresh needs to have the budget and a return on investment. They need to have money from the client or vendors so that they can invest in Codefresh. Otherwise, it is a nice solution if the money is there. Somebody can log into Codefresh and do the project things. I would rate my overall experience with Codefresh a seven out of ten..”

Prakashsinha Bayas

System Analyst at Cybage Software Pvt. Ltd.

[Read full review](#) 

“If you're considering Codefresh, my biggest piece of advice is to embrace GitOps fully from the start. Don't just use it as a traditional CI tool. Take advantage of the native Argo CD integration and the GitOps control plane. It is where the real value lies for Kubernetes-native teams. I would recommend starting with the step marketplace instead of writing custom scripts.

“We have covered the most important aspects. It has been a solid transition from the previous solution. GitOps visibility alone has made it a worthwhile investment for our team. I'm satisfied with how it's currently helping us manage our Kubernetes cluster. I would rate this product a 9 out of 10..”

Usman Shaikh

DevOps Engineer at a manufacturing company with 51-200 employees

[Read full review](#) 

“The best features Codefresh offers are CI/CD pipelines, and I do not need to use them because in my scenario, GitOps replaced the whole process of CI/CD. This gives me more flexibility and security, eliminating the need for manual implementation and testing of all steps in production. We can reproduce all

solutions in different branches using GitOps practices.

“I have already obtained a certification in GitOps from Argo CD and Codefresh because it helped me gain clarity and direction for what to do and the best approach using GitOps.

“Codefresh's AI capabilities give me much more visibility in large environments because we can replace some manual tasks with AI capabilities.

“Codefresh integrates with my existing DevOps toolchain through integration by Argo CD on the GitOps process. It has much more flexibility and gives me much replaceability for all I need in my environment.

“Codefresh handles compliance requirements in my organization because we do not have manual intervention for developers and other people. We only need to run by using least access security, least privilege, and zero-trust policies. We can organize and provide much more security in the environment.

“Codefresh supports collaboration across different teams or departments by allowing us to use pull requests by environment on the [Git](#) tool. This way, we can funnel things and not have a bottleneck in the environment. We need a parallel and serial utilization of the environments, and we can promote each feature the right way.

“Codefresh helps me with disaster recovery or rollback scenarios by tag or number of resources. In this case, the number of the branch or version of the commit of the branch. We can promote the least impacted resources, and the self-healing in the environment gives much more maturity to the software.

“Codefresh helps with cost optimization in my organization by identifying resources that are not created manually, and we can make them auditable by GitOps.

“Codefresh supports observability and monitoring in my environment by letting us know the exact moment when each team or group is running any deployment or any change on the infrastructure. We have total control over each resource and environment, and this helps us with monitoring and observability, so we do not have surprises during the day.

“My advice for others looking into using Codefresh is to study your environment. Before implementing GitOps, you need to check exactly what you need and what you do in your environment to get the best advantage you can during the usage of GitOps. I rate Codefresh nine out of ten based on my overall experience..”

IvoFulco

Dev Ops Consultant at a outsourcing company with 1,001-5,000 employees

[Read full review](#) 

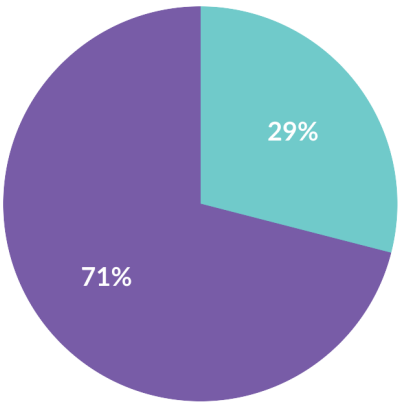
Top Industries

by visitors reading reviews

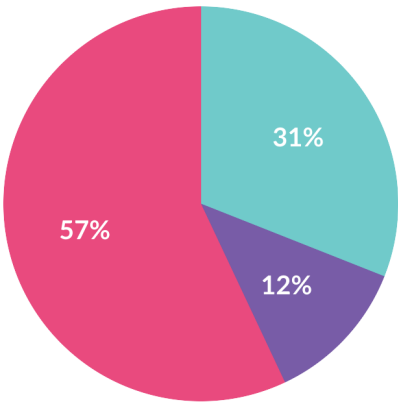


Company Size

by reviewers



by visitors reading reviews



Large Enterprise Midsize Enterprise Small Business

About this buyer's guide

Thanks for downloading this PeerSpot report.

The summaries, overviews and recaps in this report are all based on real user feedback and reviews collected by PeerSpot's team. Every reviewer on PeerSpot has been authenticated with our triple authentication process. This is done to ensure that every review provided is an unbiased review from a real user.

Get a custom version of this report... Personalized for you!

Please note that this is a generic report based on reviews and opinions from the collective PeerSpot community. We offer a [customized report](#) of solutions recommended for you based on:

- Your industry
- Company size
- Which solutions you're already considering

The customized report will include recommendations for you based on what other people like you are using and researching.

Answer a few questions in our short wizard to get your customized report.

[Get your personalized report here](#)

About PeerSpot

PeerSpot is the leading review site for cloud, AI, and business software. We created PeerSpot to provide a trusted platform to share information about software, applications, and services. Since 2012, over 22 million people have used PeerSpot to choose the right software for their business.

PeerSpot helps tech professionals by providing:

- A list of products recommended by real users
- In-depth reviews, including pros and cons
- Specific information to help you choose the best vendor for your needs

Use PeerSpot to:

- Read and post reviews of products
- Access over 30,000 buyer's guides and comparison reports
- Request or share information about functionality, quality, and pricing

Join PeerSpot to connect with peers to help you:

- Get immediate answers to questions
- Validate vendor claims
- Exchange tips for getting the best deals with vendor

Visit PeerSpot: www.peerspot.com

PeerSpot

244 5th Avenue, Suite R-230 • New York, NY 10001

reports@peerspot.com

+1 646.328.1944