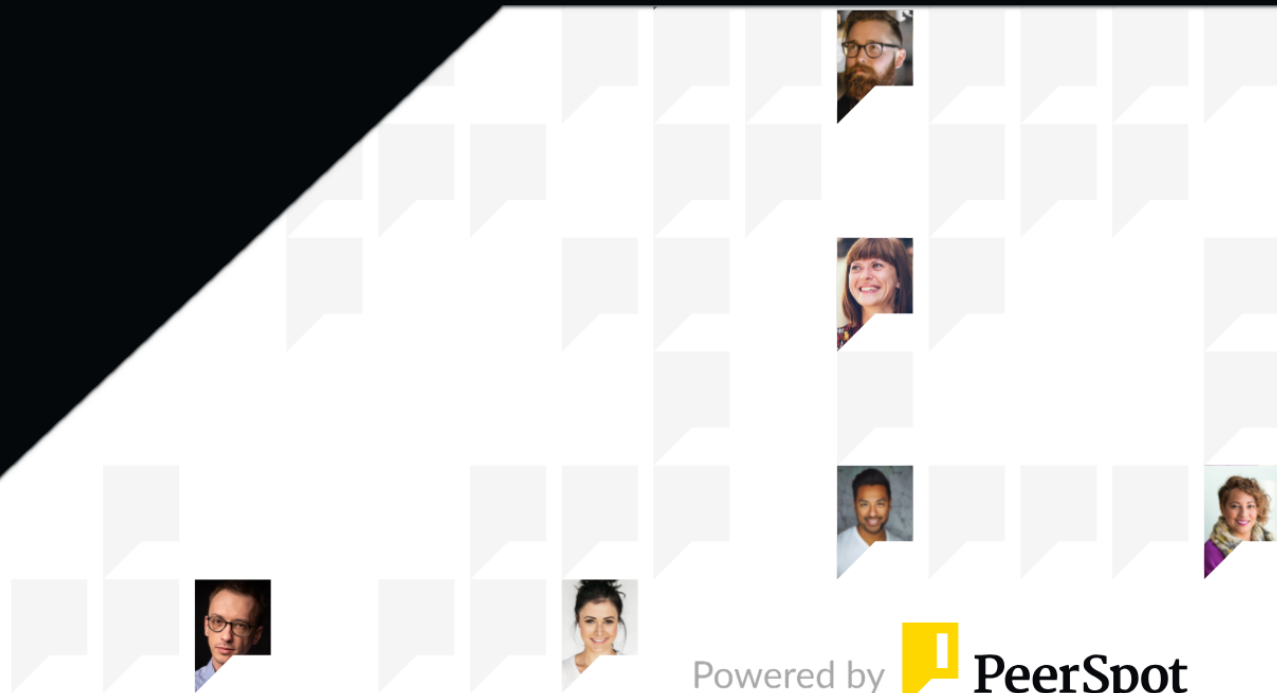




MariaDB on CentOS

Reviews, tips, and advice from real users



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Product Recap



MariaDB on CentOS

MariaDB on CentOS Recap

MariaDB on CentOS is a reliable database system that offers robust performance and flexibility for modern application development. It stands as an open-source option for those seeking a stable and scalable database on the CentOS platform.

With MariaDB on CentOS, users benefit from advanced database management features. It's popular among enterprises that require efficient handling of large datasets without compromising on performance and stability. CentOS offers a dependable operating environment that complements MariaDB's database capabilities, making it an ideal choice for businesses looking to leverage open-source technologies for their data solutions.

What are the key features of MariaDB on CentOS?

- **Open Source:** Provides flexibility with free access to source code and no licensing fees.
- **Scalability:** Easily scales to meet growing data requirements and workloads.
- **High Availability:** Built-in clustering and replication ensure database uptime.
- **Security:** Offers advanced security features like encryption for data protection.
- **Performance Optimization:** Enhancements for faster query processing and indexing.

What benefits or ROI should users look for?

- **Cost-Efficiency:** Reduces expenses by eliminating licensing costs.
- **Community Support:** Strong community leads to quick issue resolution and innovation.
- **Integration:** Easily integrates with existing systems to streamline operations.
- **Flexibility:** Adapts to different data processing needs without vendor lock-in.
- **Reliability:** Proven track record of stable operation in diverse environments.

MariaDB on CentOS is widely used in technology-driven industries such as finance and telecommunications, where secure and efficient data handling is crucial. Businesses in e-commerce and healthcare often implement it to manage large-scale databases that require daily updating of sensitive information. Its open-source nature and community backing are appealing to organizations looking to maintain competitive advantage while being cost-conscious.

Valuable Features

Excerpts from real customer reviews on PeerSpot:

- ✓ “With 10 years of experience with the product, I think the biggest advantage is that it is easier to maintain than Oracle.”



David Massiani

Performance Testing And A PM Expert at ADM

- ✓ “MariaDB on CentOS is a very good SQL database that is open source, meaning no license cost for users.”



Giovanni Baruzzi

Owner at Syntlogo GmbH

- ✓ “MariaDB on CentOS is reliable and very good for production.”



Gaurav-Bansal

Support Engineer at a tech vendor with 5,001-10,000 employees

- ✓ “MariaDB on CentOS has positively impacted our organization in several ways.”



Yash Khatri

Senior Software Developer at a tech services company with 501-1,000 employees

- ✓ “MariaDB on CentOS has positively impacted my organization by enabling us to use more recent versions of frameworks and improve the performance of the application in general.”



FedirPlotnikov

Senior Cloud Engineer at Globant

- ✓ “MariaDB on CentOS works very well and provides high performance.”



Aidan McCarthy

Principal Data Infrastructure Engineer at Susquehanna International Group

- ✓ “MariaDB on CentOS is effective in handling large data volumes; I have installed approximately 10,000 devices and it is working well.”



AmitVerma4

Software Developer at Apptom

What users had to say about valuable features:

“With 10 years of experience with the product, I think the biggest advantage is that it is easier to maintain than Oracle. Both Postgres and MariaDB are definitely embedded with Docker, and it is really easier to change, modify, and maintain than Oracle..”

David Massiani

Performance Testing And A PM Expert at ADM

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“The biggest advantages of MariaDB on CentOS, from my perspective, are that it looks similar to MySQL, making it slightly lightweight and easy to install. We need to set up many things for MySQL, but I find MariaDB on CentOS lightweight, which is a main feature.

MariaDB on CentOS is easy to use and easy to install. The setup is straightforward and everything is the same as MySQL, so nothing is different.

I have seen a return on investment with MariaDB on CentOS in terms of time savings because time is money; saving time is also saving money. I have saved a lot of time due to its easy installation and use case..”

AmitVerma4

Software Developer at Apptom

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“The best features that MariaDB on CentOS offers are a reliable, high-performance database and an open-source solution.

“Being open source reduces licensing costs and allows me to install it anywhere I want on any type of environment, and high performance is absolutely critical and mandatory for any application.

“MariaDB on CentOS has positively impacted my organization by enabling us to use more recent versions of frameworks and improve the performance of the application in general. Using newer frameworks and improved performance benefits my team and business by providing a newer framework that is more secured, has better performance optimization, and allows us to integrate more new features..”

FedirPlotnikov

Senior Cloud Engineer at Globant

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“MariaDB on CentOS works very well and provides high performance. The best features MariaDB on CentOS offers are global transaction IDs and GTID-based replication. Additionally, MariaDB now owns Galera Clustering, which we are not currently using.

“GTID-based replication has helped me significantly because it makes the replication very robust. If a node goes down, it can resume, especially with MariaDB MaxScale, allowing you to resume replication very easily.

“MariaDB on CentOS has positively impacted my organization with some good features in terms of administration. One such feature is flashback, which not many people are aware of, allowing you to roll back DML transactions without having to restore from backup.

“From these features, I have seen specific outcomes such as time savings and fewer errors. Because we use MariaDB MaxScale with MariaDB async replication, we have noticed very little intervention in terms of failovers and high availability support, which is very useful..”

Aidan McCarthy

Principal Data Infrastructure Engineer at Susquehanna International Group

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The best features MariaDB on CentOS offers for our organization are the ease of integration and the security features that it provides. We have access to low-level raw security features provided by this database. We do not need to worry about multiple writes, and we can scale it easily whenever we try to shard it or run it in a distributed manner, which we have tried.

In comparison to other databases, MariaDB on CentOS has most of the features that I love to use, especially considering how easy it is to use. If I compare it with PostgreSQL, PostgreSQL is quite a large database with many features. I would not say that MariaDB has everything, but it has most of the features when compared to other normal databases such as MySQL or any other small databases.

“The positive impact of MariaDB on CentOS in our organization is that the overall deployment flow has been quite easier. We have MariaDB as one of the databases in our stack; we also use PostgreSQL and Redis, but MariaDB is a component in our database infrastructure. Installing it on CentOS is quite easy as well. The specific outcomes, such as faster deployment and improved performance metrics, have been quite noticeable. Earlier, we were using MySQL Lite, which, although a light database, lacked some features and performance. We found MariaDB quite performant with our applications. .”

Verified user

[Read full review](#) 

Software Engineer at a outsourcing company with 201-500 employees

“The best features of MariaDB on CentOS, in my experience, are that it is mainly enterprise-friendly. We can also manage MariaDB on CentOS through systemd and systemctl, which runs on CentOS. It also has SELinux support, and the package management is easy and reliable through those package managers, YUM and DNF. MariaDB on CentOS is reliable and very good for production.

“The reliability and ease of management of MariaDB on CentOS helped me day-to-day, for example, because the company I worked for used to host all the customers' databases under the cluster. It was not a single database for them; the customers could access their individual databases, but for us, it was very good to go into the big box and then enter the MariaDB on CentOS engine, where we could run queries on multiple databases. That made it easy to avoid going into single databases to do it, so multiple queries to update multiple databases for a single table were things that made it easy.

“MariaDB on CentOS impacted my organization positively, helping in database redundancy. It helped to have MySQL dumps, so if a customer removes their database entries, we could easily pull the dumps to provide the backups to the customer. That's how it was done, and it made things easy.

“Regarding MariaDB on CentOS and reduced manual effort, there were scripts automating the backups. The MySQL dump feature in MariaDB on CentOS helps to take the dumps. Also, since it runs on systemd, when a big server reboots, the engine starts up, causing less downtime..”

Gaurav-Bansal

[Read full review](#) 

Support Engineer at a tech vendor with 5,001-10,000 employees

Other Solutions Considered

We were using MySQL Lite earlier before switching to MariaDB on CentOS. It was quite small and easy to deploy, but we thought we should try MariaDB, and we really loved it, so we started using it.

Verified user

Software Engineer at a outsourcing company with 201-500 employees

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“We were considering MongoDB as another option. These are just document databases, and they can scale with clusters and everything, but for reliability, we need a relational database. That is why we chose MariaDB on CentOS..”

Yash Khatri

Senior Software Developer at a tech services company with 501-1,000 employees

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“The organization was using MariaDB on CentOS only. I used some other products, such as PostgreSQL, which I think is better for backup products, but for WordPress and things, MariaDB on CentOS is better..”

Gaurav-Bansal

Support Engineer at a tech vendor with 5,001-10,000 employees

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“I have used MySQL, MariaDB on CentOS, and PostgreSQL. When comparing MariaDB on CentOS with MySQL, I found that MariaDB on CentOS performs better than MySQL. I do not think any other database performs better than MariaDB on CentOS when compared with MySQL, which is why I give it a 10..”

KhanKhan

Senior Full Stack Software Engineer at BaliaTech

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ROI

Real user quotes about their ROI:

“I have seen a return on investment through specific improvements in performance optimization for the application, resulting in a better user experience..”

FedirPlotnikov

Senior Cloud Engineer at Globant

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“I have seen a return on investment with MariaDB on CentOS; the management is easy. The support engineers could run queries without needing DBA admin level knowledge to perform some functions, so you do not need to hire MySQL admins every time. It was good, and it also saves time with the easy deployment; everything is good..”

Gaurav-Bansal

Support Engineer at a tech vendor with 5,001-10,000 employees

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Use Case

“I always use MariaDB on CentOS for performance testing, as my main job is to analyze all the issues after the load test. Performance testing is the central use case..”

David Massiani

Performance Testing And A PM Expert at ADM

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“My main use case for MariaDB on CentOS is that we use MariaDB MaxScale for proxies. A quick specific example of how I use MariaDB on CentOS in my day-to-day work is that we install it using MaxScale..”

Aidan McCarthy

Principal Data Infrastructure Engineer at Susquehanna International Group

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“My main use case for MariaDB on CentOS is as a database for my application.

“A quick specific example of how I'm using MariaDB on CentOS for my application includes Laravel-based applications and WordPress-based applications as a replacement for MySQL..”

FedirPlotnikov

Senior Cloud Engineer at Globant

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“The major use case for MariaDB on CentOS is that we are working in IoT; we have installed some NFC meters on the network towers, basically mobile towers, for collecting metrics such as voltage, current, load, and everything that consumes electricity, which we are storing in MariaDB on CentOS. It is a small project, so we directly went with it.

MariaDB on CentOS is effective in handling large data volumes; I have installed approximately 10,000 devices and it is working well. I have put MariaDB on CentOS behind a few systems and it is working for my 10,000 devices easily with no issues..”

AmitVerma4

Software Developer at Apptom

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MariaDB on CentOS serves as one of the databases we use for our application, and we deploy it on a CentOS system. This is how we use it in our day-to-day operations.

Regarding our use case, I find that it is quite a good database to use. It has all the MySQL features that we want, and it is quite easy to deploy as well. The whole table is in MariaDB, and that is how we use it in our day-to-day work. .”

Verified user

[Read full review](#) 

Software Engineer at a outsourcing company with 201-500 employees

“MariaDB on CentOS was used for basic managed WordPress hosting, having all the databases of customers with WordPress websites. Regarding my use case with MariaDB on CentOS, we also took MySQL dumps, which is similar in MariaDB. We also used replication sometimes for those MariaDB instances. Sometimes, we needed to use some queries to check the max connection on the database; these are a few things that we were doing..”

Gaurav-Bansal

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Support Engineer at a tech vendor with 5,001-10,000 employees

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.

“I have never used MariaDB on CentOS on CentOS, but I have used MariaDB on CentOS on other operating systems. I used MariaDB on CentOS mainly on Ubuntu, not on CentOS..”

KhanKhan

Senior Full Stack Software Engineer at BaliaTech

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MariaDB on CentOS has most of the normal features that most databases have. I think I would not compare it with PostgreSQL because they have quite different features. Overall, I think it is good, and I would not say it has things that are missing.

We deploy MariaDB on CentOS in our organization using a public cloud. .”

Verified user

Software Engineer at a outsourcing company with 201-500 employees

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“My experience with the initial setup of MariaDB on CentOS is that it is complex, but the documentation is better than PostgreSQL. It is highly standard SQL, so it is not really a difference; I am more of an infrastructure person than a database person. I am interested in stability, not the language, and I find the good standard SQL from my point of view is acceptable..”

Giovanni Baruzzi

Owner at Syntlogo GmbH

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Customer Service and Support

“I have used the community support and I can easily find answers to almost all my queries from there. The community is pretty good, so I got all the solutions I needed..”

AmitVerma4

Software Developer at Apptom

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“I have never gotten in touch with technical support for MariaDB on CentOS because I was able to solve the problem autonomously. I did not need that, but they send me from time to time mailings or making offers, which is perfectly appropriate..”

Giovanni Baruzzi

Owner at Syntlogo GmbH

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“The customer support experience was great with MariaDB on CentOS. I did not even need to connect to customer support. The communities and the blogs are already available, and we referred to those to accomplish what we needed. We did not even need to use customer support, so that is a positive aspect..”

Yash Khatri

Senior Software Developer at a tech services company with 501-1,000 employees

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“The technical support or community support for MariaDB on CentOS is bad. There is a main problem with all the companies that sell this kind of tool and services. The first level of support is the first one you reach. When you begin to have a more difficult problem, there is no one available because sometimes you need to update the call and recall on it. This is not good because when we have some big problem on the database, we need to have a database administrator, not a person who reads instructions on the screen. It is always the same problem. My rating is two..”

David Massiani

Performance Testing And A PM Expert at ADM

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Other Advice

For now, regarding needed improvements on MariaDB on CentOS, I cannot think of anything at this moment, but I believe it has most of the features.

I would advise others looking into using MariaDB on CentOS to give it at least a try to see how it performs in their case, as it will really be helpful for them. I do not have any additional thoughts about MariaDB on CentOS at this time. My overall review rating for this product is 7. .”

Verified user

Software Engineer at a outsourcing company with 201-500 employees

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“My advice to others looking into using MariaDB on CentOS is to not treat it as a drop-in replacement for [MySQL](#), as it is a completely separate database now with more features. You should look into the features and replication topology, which is quite different, and understand the storage engines and spider engine. You should definitely make sure you use Maria Backup for backups because it is a fork of Percona XtraBackup and understand the difference. The community is very good, and we need to see what direction they take on AI, as AI vector features look decent and very good so far. MariaDB on CentOS is very good, and they are looking at [Kubernetes](#) Operator now that supports async replication, which is something we want to look at in the future. I would rate this product eight out of ten..”

Aidan McCarthy

Principal Data Infrastructure Engineer at Susquehanna International Group

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“I have not integrated MariaDB on CentOS with MySQL; I am running purely MariaDB on CentOS.

Regarding the security aspect of MariaDB on CentOS, I have used SSL, and I also use RBAC, role-based access control. I mainly use these two. I am satisfied with the security aspect.

Regarding any negatives in MariaDB on CentOS, there may be some minor improvements, but I have not seen anything significant that I consider negative. As per my use case, it is working fine and I have not seen a need for improvement.

I rate this product nine out of ten..”

AmitVerma4

Software Developer at Apptom

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“I would rate MariaDB on CentOS a nine on a scale of one to ten.

“I choose a nine because there is always room for improvement for any software, but in general, it is a reliable, stable, and easy-to-use solution.

“Regarding MariaDB on CentOS's security and governance, I think they are pretty secure if you configure it properly.

“I have never used MariaDB on CentOS with artificial intelligence.

“My advice to others looking into using MariaDB on CentOS is to not rely on default configuration and to secure it from the first minute of your work with MariaDB on CentOS. My overall review rating for MariaDB on CentOS is nine..”

FedirPlotnikov

Senior Cloud Engineer at Globant

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“I would rate MariaDB on CentOS a seven out of ten.

“I chose seven out of ten because it needs some improvements related to optimization and the upstream packages. However, seven is a very good number because it also has the feasibility of MySQL dumps, and it's a fork of MySQL. The configuration is very easy; you can configure the ports and things such as that, and it's compatible with SELinux, so that's why.

“Regarding MariaDB on CentOS's AI capabilities, I'm not sure how it works with AI, but the governance and security capabilities of MariaDB on CentOS are good. We can set the root password for it, and the governance is also easy; we can automate it or have different users. The different user roles, levels, and permissions make it a good product to govern.

“The output of MariaDB on CentOS is very reliable; the queries are similar to MySQL. Because it's also a fork of MySQL, the queries are reliable, providing very accurate results. You can use all the operations of MySQL and it gives very accurate results.

“For others looking into using MariaDB on CentOS, I would say they should be very familiar with SQL queries, as you can run any complex queries on it. However, they should also not expose some open ports and ensure that the configuration is good to avoid outrunning the RAM..”

Gaurav-Bansal

Support Engineer at a tech vendor with 5,001-10,000 employees

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“I am working with some testing tools today, and it is always the same tools. The big ones are [LoadRunner](#) and [NeoLoad](#), and for [APM](#) I use [Dynatrace](#). I also work with [Grafana](#), but [LoadRunner](#) is my primary testing tool.

“[JMeter](#) is an open source tool, and LoadRunner is from [OpenText](#). I have not been using LoadRunner in the cloud. I work with Micro Focus solutions apart from

LoadRunner. I use functional testing solutions such as HP [ALM](#).

“In terms of APM and performance monitoring, I work with [LogicMonitor](#). I may also work with tools like [New Relic](#) and [Dynatrace](#) for performance monitoring, and [Apache SkyWalking](#) for performance. I work with backup solutions, storage, and database tools.

“I have experience with [CentOS](#), [Debian](#), [Ubuntu](#), and similar products. I have been working with MariaDB on CentOS for 10 years. I use [Galera Cluster](#) as a feature of MariaDB on CentOS. I cannot answer about the largest volume because I have never used MariaDB on CentOS with the largest volume. My experience with the largest volumes is only with Postgres and Oracle.

“Postgres is easier for me because of the modification of requests. I do not know the difference about the license, as licensing is not my area. I use and maintain MariaDB because I am not really aware of the price of MariaDB license or Postgres licensing.

“If asked to rate MariaDB on CentOS from zero to ten, with ten being the best, I would give it a rating of seven. The compatibility with MariaDB on CentOS and SQL is good. I do not have experience with [MySQL](#) currently because the most database that I work with now is Postgres. I do not know about the advanced security features of MariaDB on CentOS because I do not work on security and am not skilled to answer that.

“I use [AWS](#) as my cloud provider. I do not have experience with [AWS Marketplace](#) as it is not my area.

“My overall experience with MariaDB on CentOS is seven. My review rating for MariaDB on CentOS is seven..”

David Massiani

Performance Testing And A PM Expert at ADM

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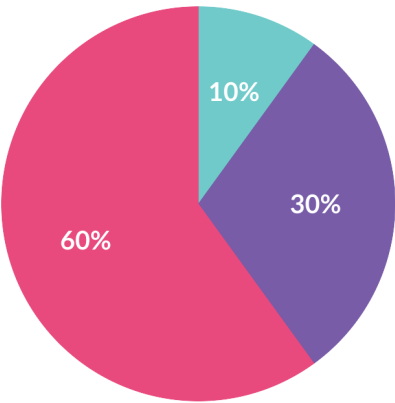
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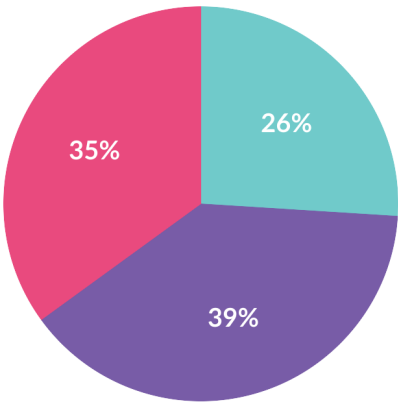


Company Size

by reviewers



by visitors reading reviews



 Large Enterprise  Midsize Enterprise  Small Business

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

reports@peerspot.com

+1 646.328.1944