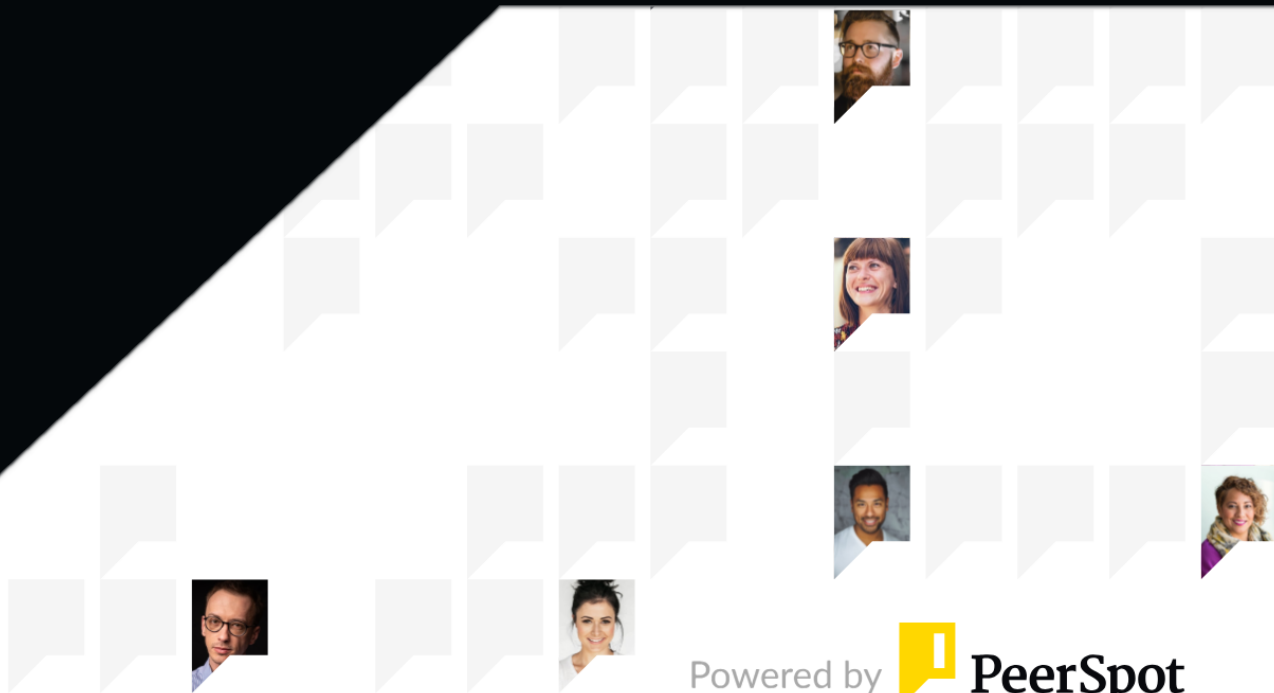




PubSub+ Platform

Reviews, tips, and advice from real users



Powered by  **PeerSpot**

Contents

Product Recap..... 3 - 4

Valuable Features..... 5 - 10

Other Solutions Considered..... 11 - 17

ROI..... 18 - 21

Use Case..... 22 - 24

Setup..... 25 - 32

Customer Service and Support..... 33 - 36

Other Advice..... 37 - 39

Trends..... 40 - 41

About PeerSpot..... 42 - 43

Product Recap



PubSub+ Platform

PubSub+ Platform Recap

PubSub+ Platform is designed for real-time message publishing and outstanding interoperability. With features like intuitive administration and topic filtering, it offers both stability and high performance for scalable deployments across diverse scenarios.

PubSub+ Platform enhances data integration with its event mesh and seamless protocol compatibility, providing a comprehensive solution for organizations tracking shipments, generating reports, and managing transactions. Its granular topic filtering and WAN optimization ensure high utility in event-driven applications and cloud deployments. Users highlight the platform's intuitive administration and ease of management, though some seek improved integration with third-party tools and enhanced observability. Concerns include scalability for large payloads and training resource availability. Despite its interface complexity, PubSub+ remains valuable for trading and market data distribution.

What are the key features of PubSub+ Platform?

- Real-time messaging: Facilitates seamless communication across platforms.
- Flexible topic hierarchy: Supports dynamic topic taxonomy for efficient data management.
- Event mesh: Enhances integration and interoperability with diverse protocols.
- Intuitive administration: Simplifies system management and configuration.
- WAN optimization: Ensures efficient connectivity for global deployment.

What benefits should users look for in reviews?

- Messaging stability: Offers consistent performance in dynamic environments.
- Scalability: Provides seamless expansion to accommodate growing data volumes.
- Security: Maintains robust protection for sensitive information.
- Support and configuration: Accessible, reliable support, and UI-driven setup streamline the management.

PubSub+ Platform is widely implemented for asynchronous messaging in industries like finance for trading and market data, logistics for shipment tracking, and tech operations management. It enables companies to modernize applications while ensuring data accuracy and efficiency across global systems.

Valuable Features

Excerpts from real customer reviews on PeerSpot:

- ✓ “The main benefits PubSub+ Platform provides for the end-user include building a robust and scalable system with very low network latency, which improves the customer experience, whether using mobile phones or applications.”



Deepankar Bbhowmick

Integration Architect at a tech services company with 11-50 employees

- ✓ “The best features of PubSub+ Platform are its real-time simulation, real-time event data streaming, and integration with any IoT applications.”



Hiten Nandasana

Angular developer at Flourish software

- ✓ “The best features of PubSub+ Platform include being highly scalable, allowing us to handle billions and billions of events, and configuring and managing PubSub+ Platform is straightforward and simple while being highly reliable.”



Vyshakh Babji

Developer at a computer software company with 51-200 employees



“I rate the PubSub+ Platform a 9 out of 10.”



Verified user

freelancer at a financial services firm with 1,001-5,000 employees



“Some valuable features include reconnecting topics, placing queues, and direct connections to MongoDB. The platform provides a dashboard to monitor the status of messages, such as how many have been processed or delivered, which is helpful for tracking performance.”



Nandha Radha

Principal Engineer at Citi



“We like the seamless flexibility in protocol exchange offering without writing a code.”



Verified user

Senior Associate Platform Level 2 at Publicis Sapient



“The valuable feature of PubSub+ Event Broker is the speed of processing, publishing, and consumption.”



BhanuChidigam

Software Engineering Manager at Wells Fargo

What users had to say about valuable features:

“The most valuable feature of PubSub+ Event Broker is the scaling integration. Prior to using the solution, it was done manually with a file, and it can be done instantly live..”

Deepankar Bbhowmick

Integration Architect at a tech services company with 11-50 employees

[Read full review](#) 

“PubSub+ Event Broker has a nice dashboard to see the domains and has good asynchronous API documentation. If you are a small or medium-sized company and not very rigorous on the compliance side, and you don't go for production issues on your own cloud, it's a very good tool to reuse..”

YogeshKumar1

Cloud Architect at a transportation company with 10,001+ employees

[Read full review](#) 

“We like the seamless flexibility in protocol exchange offering without writing a code. This is probably the most useful feature of Solace apart from the structural Topic segments.

Solace PubSub+ has understood and implemented the best features of multiple PubSub brokers. I have seen segmenting of topics in IBM MQ PubSub and have used that feature a lot. With such versatility, Solace has implemented one the most demanding PubSub broker, hence a PubSub+. It is a simple portal for event-driven architecture driving the entire microservices framework..”

Verified user

[Read full review](#) 

Senior Associate Platform Level 2 at Publicis Sapient

“The best features of the tool include multiple impressive capabilities, such as the multi-level folder structure creation. Users can create a queue or topic in a folder structure under C with program files and software. The performance and scalability of the PubSub+ Platform are as impressive as Kafka.

“The solution's ability to decouple message producers and consumers is exactly what we use these messaging solutions for, allowing us to have high cohesion and low coupling, making it an excellent solution for that purpose..”

Verified user

[Read full review](#) 

freelancer at a financial services firm with 1,001-5,000 employees

“The best features of PubSub+ Platform are its real-time simulation, real-time event data streaming, and integration with any IoT applications. This capability makes it easy to connect and distribute applications while using this platform, and this is the most valuable feature for IoT.

“In our company on a day-to-day basis, we are mainly using PubSub+ Platform for IoT applications. Our company works on most IoT-based things, and we use this platform daily. We are saving time by using this platform, and we require fewer people for seamless integrations and connectivity to data streaming for our IoT-based applications and sensors..”

Hiten Nandasana

Angular developer at Flourish software

[Read full review](#) 

“The unique functions I appreciate about PubSub+ Platform are that it allows me to design my solution in a graphical manner, which is not available in many other products, and the design can also be pushed to the actual infrastructure layer, making it quite advantageous.

“Mesh technology is useful in scenarios where different geographies have to be connected, although such situations are not commonly found. It is beneficial but not a super-used feature of PubSub+ Platform.

“The event replay function is quite mature in PubSub+ Platform, allowing me to replay messages that are days in the past, which is a good feature.

“The main benefits PubSub+ Platform provides for the end-user include building a robust and scalable system with very low network latency, which improves the customer experience, whether using mobile phones or applications. This type of messaging framework is extremely important, and Solace is a very good product in that space. Nowadays, most applications are built using microservices technology, with small microservices interchanging messages via PubSub+ Platform. Without it, realizing a scalable system would not be possible; for example, one cannot have Netflix or similar services that require quick data transit and a good user experience, ensuring that data cannot be lost in transit.

“The analytics part of PubSub+ Platform is quite useful as it can connect with many analytical software tools, mainly for analysis of system logs, such as Splunk, DataDog, or Prometheus. It has the flexibility to connect with any of these and supports OpenTelemetry, which is not available in many other products, making traceability very easy. I can see how a message travels from a source system to the target system, end-to-end, along with what happens to that message along the path, making the analytics quite good..”

Deepankar Bbhowmick

[Read full review](#) 

Integration Architect at a tech services company with 11-50 employees

Other Solutions Considered

“We have used IBM MQ pubsub and Kafka. We were moving away from the IBM stack and implementing microservices. Kafka would have been a good choice, yet keeping the future scope in mind; we opted for Solace..”

Verified user

Senior Associate Platform Level 2 at Publicis Sapient

[Read full review](#) 

“We're also familiar with RabbitMQ. If you compare PubSub Event Broker and RabbitMQ, PubSub is more reliable. RabbitMQ requires a line to be installed, and it was a bit of a tedious process to get it installed. After that, it was smooth enough. My use case, whichever I use, is satisfied. I haven't explored either very deep beyond my own use cases. .”

Namrata G

Independent Technology Consultant - Financial Softwares at a tech services company with 51-200 employees

[Read full review](#) 

“The main competitors in the market for PubSub+ Platform are IBM MQ and Kafka, with Kafka being the primary competitor.

“If I compare the three solutions, I believe PubSub+ Platform provides a clear advantage for me because I can design my solution easily, which helps in building on an interface level..”

Deepankar Bbhowmick

Integration Architect at a tech services company with 11-50 employees

[Read full review](#) 

“We stopped using AWS EventBridge because they had some issues with the API specifications regarding how to design the governance and other features. Even though it is a very good tool with all the necessary mechanisms, it does not offer an easy replay function. The dashboard to monitor events is missing in PubSub+ Event Broker. The solution is also complicated and not easy to use, making it difficult to map domains and monitor events. The implementation is entirely in Docker, and to scale it, it must be deployed into a cluster queue or an ECS machine, which is costly and operationally intensive. The architecture of this distribution needs improvement..”

YogeshKumar1

Cloud Architect at a transportation company with 10,001+ employees

[Read full review](#) 

“Our journey to Solace was not very long. We started interacting with Solace leadership probably about a year and a half year back. That was the first time that we spoke with them about this concept and product. There were a few things that we asked for as part of product roadmap. Then, we moved to the product evaluation where we also brought in a couple of other competition tools. Finally, we selected Solace.

The challenge with open source is they give you a basic flavor, which is decent enough. However, when you look at enterprise level, you need the following:

- A good support mechanism available
- Reporting
- Administration
- A distributed license, since there is talk about how to decentralize usage.

These are the challenges that come with an open source product. They do the basic thing well, but if you need to make the solution fit for purpose, you need to maintain the custom solution on your own. This becomes a problem from a resource and investment perspective, as technologies keep on changing.

If we talk about Solace, you see the value-add layer. I can say that Solace is a basic Kafka. But on top of that Kafka layer, they have added their own layer. That is really good, as this is where it adds value and why we went for it.

There are a lot of good things that made us decide to go for Solace. Looking at Kafka, the value-added monitoring, Event Catalogs, and visualization are not there. When we talk about Solace's competitors on certain aspects, we rank them a little lower. Overall, when ranking them, Solace was the one who has scored highest, so we went for it.

We do not use other competitor products, so we don't have direct experience with their ease of design. We also evaluated:

- A Microsoft solution: This solution was the closest to Solace.
- OpenText
- Kafka (open source)

- Confluent
- Also, two data stream solutions for high volume data.

The challenge with Kafka is you have to think of everything on your own. You have to build the complete service part of the solution on Kafka. Solace compared to Kafka was a no-brainer. Solace distinguished itself with topic building and scalability. When in cloud, you can quickly scale up.

With Kafka, the challenge comes when you design a solution that has topic management. How do you make a topic discoverable? How do you define the dependencies between one topic and a subscriber?

From a monitoring perspective, I also feel Solace has a better product. More than that, there are commitments which comes from the Solace product, such as improvements. They are open to hear what we were saying. If there are certain things which are not available, they said that they will try to plug those gaps..”

Sushil Sarda

[Read full review](#) 

Lead Manager at a manufacturing company with 10,001+ employees

“We did an RFP and pulled all the vendors in, including Thomson Reuters, TIBCO, and a whole bunch of others such as Informatica, and we did a proper vendor evaluation. It came down to Informatica and Solace, head-to-head, in the final decision.

The choice to go with the Solace appliances has actually paid off massively in savings from an infrastructure point of view. The reason is that, in our old platforms, for example our RMDS Thomson Reuters platform, we had about 500 servers around the globe sending all the data to each other, meshed up in a huge administrative nightmare. The Informatica solution was going to be very similar, as in commodity hardware that you would mesh up to send all the data. We looked at that and said, “Well, a server in our data center is going to cost us \$20,000 a year to run,” so if we still had 500 of those, you can do the math. If we were to buy the Solace appliances, working out to about \$100,000 each, we would then only have to pay support and maintenance on them for the next two or three years, at about \$20,000 a year. We only needed 30 of them, compared to the 500 servers. This has been a huge cost saving for us. The 500 servers that we used to have are all gone, and we have replaced them with 30 to 40 appliances. The cost of running things in the data center has, therefore, shrunk significantly. Although people do view Solace as being this premium product you pay a lot of money for, if you're going to put a lot of data through these things, the amount of servers you need to do that with is also extremely costly. We have saved millions a year by having the appliances, and that was something we picked up right at the beginning. We said, “If we go down this path and these appliances can truly do what they say, then the footprint in our data center is going to shrink 10-to-one, and the cost of running this in our data center is going to be significantly less.”

We also support multiple instances of Kafka. There's an enterprise version within our bank, which is the biggest one, and we have some small pockets of it within capital markets. The configuration and support around Kafka, and the quantity of components needed to keep it going, are a configuration nightmare. We use the software broker for development and now in the cloud. In our non-production environments we have a non-appliance based version running in things like Docker. But the ability to have one component that does everything, as opposed to

having to layer in multiple components to be able to build the ecosystem for messaging or storage, is extremely powerful from a support perspective. The time spent on keeping Kafka running, compared to Solace, is not in the same league.

We have a lot of problems with Kafka, generally, that we do not have on Solace. The enterprise runs the majority of the Kafka, the stuff that we support is for our regular Cloudera stack. To try to give an idea of scale, the enterprise bank is doing, maybe, less than a billion messages a day on its Kafka environment, which is still a big environment for them. But we're doing 120 billion messages, so we're not even in the same swim lanes. We know they have a lot of problems on that and had to build a second instance after issues with the 1st instance. And in our own Cloudera Kafka, we have problems with Cloudera over time – our current setup is stable but we are not upgraded to latest versions. Whereas our Solace stuff is bulletproof.

Kafka has its place. There's absolutely no question about that. There is some stuff that it does really well, like some of the elastically expanding storage concepts that people have where they want to keep storing everything forever. They can keep elastically expanding their Kafka brokers to do that. Whereas, with a Solace appliance, you are going to have a SAN storage connected to it and you're limited by the size of the SAN you can put on there, or you're going to need to buy another appliance and buy another SAN. With their software broker you could elastically expand that, but you still have the storage issues.

The one real positive with Kafka is that you have a big community of people, and this is something I've spoken to Solace about too. There is this groundswell of community around it, where there are a lot of adapters that are off-the-shelf to a lot of other things. It's a double-edged sword. Sometimes we have new users join the bank who say, "Yeah, but Kafka has a SQL adapter off-the-shelf." We say, "Okay, but we already have written a SQL adapter for Solace. Here you go. It was 10 minutes' work." At the same time, it is nice to have a catalog of 200 adapters that you can use on Kafka. That is definitely a benefit of Kafka, with the community around it. But at the same time, when you scratch the surface of it, the amount of work to do a plugin isn't actually much more, and with the Kafka stuff you need six or seven different components to run it.

In my last design overview with the console group they said, "And then we're going to add this component, and if you want global..." and I said, "Well, actually, all our stuff is global. We don't do anything that's just one region." They said, "Well we haven't gotten our global solution built yet so you could run two versions and start copying data." I said, "Well, I don't really want to do that. We want you to be able to replicate data between regions, under the covers." They're now doing that. They're getting up to speed on some of those things. It all depends on what your use case is.

We even have some stuff where, at the edge of our environment, we might bridge data between Solace and Kafka and there is a bridge component to do that. It would be when there's a very specific use case around what someone wanted to do. For example, if a third-party vendor is only supporting Kafka, we'll plug in Kafka there, but we don't want people then connecting to Kafka because there's no need for it. So we'll then bridge from Kafka to Solace so the data is all on Solace. There are definitely use cases for Kafka. It's just that the scale of Kafka, depending on what the use case is, is a little bit different. I feel people use Kafka because they're just trying to lazily store everything as a long-term retention process.

The implementation of Kafka compared to Solace is very different. As I mentioned, there are multiple components to build up Kafka. Additionally having reviewed Confluent it is not cheap and we would be more interested in using Apache Kafka supported by the cloud providers if we need that in the future. But our future is very much on the Solace environment. We're far more comfortable supporting the Solace environment than our Kafka environment..”

Verified user[Read full review](#) 

Managing Director at a financial services firm with 5,001-10,000 employees

ROI

Real user quotes about their ROI:

“The ROI was good initially, but we eventually found that it would cost too much in recurring operations cost to maintain. So while I don't remember the figures, it wasn't worth it. And if you compare it with other solutions like Kafka, they are much cheaper and easier to maintain than PubSub+..”

YogeshKumar1

Cloud Architect at a transportation company with 10,001+ employees

[Read full review](#) 

“We have not seen ROI.

The operational efficiencies that we intend to gain should result in a reduced internal chargeback of tech resources. That's really the ROI that we're going after: operational efficiency and better mean time to resolution for our incidents. .”

Daniel Nepton

Enterprise Automation Architect at CIBC

[Read full review](#) 

“Capital markets couldn't operate today if Solace were down. Our turnover on a daily basis is significant. To put a dollar value on it would be very difficult. But by not having 500 servers across the globe and having about 60 appliances at the moment instead, we've got a 10-to-one footprint, so in pure infrastructure costs we have hard-dollar savings. By having the appliances in, we've enabled the business to make millions on a daily basis..”

Verified user

[Read full review](#) 

Managing Director at a financial services firm with 5,001-10,000 employees

“We have seen ROI because we started with the free version. Even now, we have a basic enterprise license and are getting the business value from its cost.

We have seen at least a 50 percent increase in productivity (compared to using Kafka) when using Solace for the following use cases:

- Sharing changes in real-time.
- Onboarding new subscribers.
- Modifying data sets.

Verified user

[Read full review](#) 

Head of Enterprise Architecture & Digital Innovation Lab at a tech vendor with 10,001+ employees

“ROI would be hard to calculate but just talking from a storage perspective, we've been able to use Solace storage appliances. We've been able to say that would have cost around \$2 million a year in storage costs to half that amount as an initial investment. We've been able to pay that business casework off in year one, whereas three years would be perfectly acceptable from a cost-savings perspective. And that's just on the storage side. We can pay up to \$10,000 and \$20,000 a year for internal charges per server versus just paying for rack space costs for our infrastructure. It's a significant amount when you consider that often you'll need many commodity hardware servers to replace a single appliance pair. It's a significant cost saving..”

Verified user

[Read full review](#) 

Senior Project Manager at a financial services firm with 5,001-10,000 employees

“We haven't seen return on our investment with Solace yet because it's pretty new in our environment. But we do see there is a value it brings to the table from a digital-transformation point of view. Both the companies that I was part of, where I was fortunate to lead the digital transformation projects, identified Solace as the platform to make that change: from a heavyweight, old or legacy model of middleware, or MQ platform, to a very lightweight, modern, completely distributed model. It's quick and nimble and agile in all types of setups. That is a huge shift in the way that we do things and make things notably faster. Qualitatively, this has definitely been a great tool.

Quantitatively, I would not be able to disclose any numbers, but we sense that there is going to be a huge return on investment because we might shut down some of those old, heavyweight, on-premise-only platforms. Because this is also a pay-as-you-use model, we can effectively make use of the license, as and when we require it. There are definitely going to be good cost savings as well..”

Verified user[Read full review](#) 

Technology Lead at a pharma/biotech company with 10,001+ employees

Use Case

“An enterprise-grade event broker for mediation of events produced by a heterogeneous hybrid landscape of SAP and non-SAP systems at scale.

An event registry/catalogue and a user-friendly visualization of event flow..”

Vadim Klimov

SAP Integration Architect

[Read full review](#) 

“PubSub+ Platform is primarily used for guaranteed delivery of messages from across systems, for microservice-based development, and for high-speed data consumption purposes. Guaranteed transmission of messages is another key use case..”

Deepankar Bbhowmick

Integration Architect at a tech services company with 11-50 employees

[Read full review](#) 

“I describe the main use cases for PubSub+ Platform as wanting to use it as a messaging queue pipeline for managing the data stream events in our IoT platform while I was working at an IoT-based company..”

Vyshakh Babji

Developer at a computer software company with 51-200 employees

[Read full review](#) 

“PubSub+ Platform's main use case in our company is real-time data streaming using applications and API integrations. We are working on an IoT-based application, and our company handles most of the data streaming using our application to the sensors and IoT-optimized smart things. In this scenario, our application sends real data to the sensors and manages IoT things, which is the primary use for PubSub+ Platform in our company..”

Hiten Nandasana

Angular developer at Flourish software

[Read full review](#) 

“We use PubSub+ primarily for long processing messages. For instance, we generate customer forms, which take a longer time. We place these requests in queues, process them, and return them to the queues. This ensures that messages are not lost due to the time-consuming nature of such tasks. We also use PubSub+ for audit trails where we intercept requests, apply them, and store them in MongoDB, placing them in the queue before final processing..”

Nandha Radha

Principal Engineer at Citi

[Read full review](#) 

“We handle publishing/emitting events to the PubSub+ Broker via one protocol, and it seamlessly makes the event available for multiple consumers with different protocols without writing code is one of the primary use cases for us.

As an architect, I wanted to implement an event-driven architecture, majorly focusing on a cloud solution with a PubSub pattern.

Out of curiosity, our CoE team explored Solace PubSub+, and after several months of testing with our requirements, this was the kind of solution we needed..”

Verified user

Senior Associate Platform Level 2 at Publicis Sapient

[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.

“It is a bit complex, but you get instructions. Once you know what to do, it is fairly straightforward. The installation takes about 30 minutes, but configuration takes a long time. After you gather all your data, it could sometimes take a day or two..”

Jitendra Jethwa

[Read full review](#) 

Websphere MQ Specialist at a maritime company with 10,001+ employees

“The initial setup for PubSub+ Platform is not that difficult; it depends on the environment where I want to use it. If I use it on the cloud, it is quite straightforward, but in a Kubernetes environment, it needs a little bit of support..”

Deepankar Bbhowmick

[Read full review](#) 

Integration Architect at a tech services company with 11-50 employees

“The initial setup of PubSub+ Event Broker is easy. We can simply connect the solution to an SAP S4/HANA. We had no difficulties.

To install SAP in the public cloud, we need to provide SAP with a basic configuration file, which is a straightforward JSON file. SAP takes care of the entire installation process based on the configuration provided by PubSub+ Event Broker. Therefore, most of the installation work is handled by SAP, and we only need to specify our requirements and the duration of the process. It's a relatively straightforward process..”

Deepankar Bbhowmick

[Read full review](#) 

Integration Architect at a tech services company with 11-50 employees

“The initial setup was pretty straightforward.

The deployment took four to five weeks. When we got the first use case, we started understanding the requirements pretty well, then built the solution, did the testing, and made it live. After the solution is live, if anyone else needs data, that can be done very quickly. It won't take a couple weeks like first time. You can just connect, pull the data, and test it.

From implementation strategy perspective, we wanted a simple use case, e.g., just publish and subscribe. The easiest case could be a point-to-point where there is only one publisher and one subscriber. Things that are non-business critical, we wanted to put them first on Solace and see the performance, learn how they worked, their challenges, and dos and don'ts.

Later, we gradually wanted to move into business critical cases. The next set of our use cases, which are running on other middleware, we are trying replicating them on Solace. However, we will not be jumping to Solace directly. Rather, it is like a parallel solution, which is being built on the Solace layer. We want to see whether it is working fine. Gradually, we'll start switching from those scenarios which are running on other middleware to the Solace layer. During this journey, we have also been targeting our topic building mechanism/approach, which will get firmly established. That is how we are approaching Solace overall. At the same time, we have also brought in our partners of other middleware – MuleSoft, Dell EMC, and SAP. These are some of our strategic partners. It is not just a big product which you take, then you forget. It's ability of that tool and how well it fits into your ecosystem as well. Solace can be a very good tool, but if other applications are not able to communicate with it, then it will be not of use to us. Therefore, we are also seeing that how Solace with Dell EMC, MuleSoft or SAP could create value for us. That's another thing which we are doing from a strategic perspective..”

Sushil Sarda

[Read full review](#) 

Lead Manager at a manufacturing company with 10,001+ employees

“First, we experimented with an on-premises model and then we tried the cloud model for production. However, we encountered some issues. The cloud model is successful and does not have these kinds of issues because it's in its own ecosystem. But when you move to your own cloud, you want to manage the security and everything yourself.

The problem is that you have to deploy and recreate a VPC, and they will manage the VPC. You will not manage the VPC and the security of the system. This is a compliance risk that no management team would allow, where a third party manages your own or else account. There are solutions like creating a separate account and then keeping it there, but still, it's deployed in our own cloud, and we can manage the network or security of the whole account in which it was deployed. This is a tradeoff. The main challenge of using PubSub+ Event broker was deploying it to their own environment and integrating it with their applications.

The first deployment challenge is deploying it into Kubernetes. When it is only, it is the only model that they offer. So, in our teams and our company, we are not fond of using Kubernetes unnecessarily because it adds overhead to the Kubernetes cluster. Then you have to hire people who can manage this complexity, and there are many complexities inside. It's a huge thing to deal with. And even PubSub+ is also one of the complicated solutions. So you must manage two complex solutions in one place, working together. So it was too much operations work for the team.

It is one thing. And then after that, keeping this ECS content thing, so it's like one ECS, small ECS content cannot run it. You need to have a very heavy ECS cluster that can connect to the broker. Otherwise, if you have a very large-scale application, this federal will die, and then after that, you will lose the connection to the PubSub+ Event Broker. So you must keep one extra layer of a very heavy ECS cluster that can communicate with the broker. And then, after that, it can forward the requests to the APIs or the targets. And this ECS cluster also costs extra money for this..”

YogeshKumar1

[Read full review](#) 

Cloud Architect at a transportation company with 10,001+ employees

“We spent about two to three months designing out our topic hierarchy when we started this 10 years ago. In the last 10 years we've made very few changes to our topic hierarchy and schema. But we sat with Solace and designed it out. We created a 90-page manual for how we wanted to stand up our event mesh at the time. Bear in mind that our first implementation was not guaranteed messaging, but direct messaging. It was between Sydney, Singapore, Hong Kong, Tokyo, London, New York, and Toronto. We had primary and secondary data centers in every region. I would never characterize it as simple because of the overall scale of what we were putting in place. The actual configuration, and working with Solace to implement that originally, that wasn't the difficult piece of it. Actually standing it up — once we had the appliances in our data centers and all on the network — hooking them up and making them work together that wasn't complex.

What was more complex was the fact that we were meshing up six regions at the same time, and turning on a brand new environment. We didn't stay in one region. We didn't just turn London on. We went big from day one, so it was complex from a geographies perspective, but not complex from a Solace-configuration perspective.

We paid for their heads of engineering to come and sit onsite with us and work through that document. I've actually recommended to Solace that they shouldn't sell their product to anyone without doing that design work upfront because I think it's extremely valuable.

This is true of any system. If you take a good system and don't architect it well, then you can make a good system really bad. Two years down the road you've got people saying, "Okay, I want to go somewhere else," because we've done a bad job of this. Anecdotally, I was talking to the CEO of Confluent a while back and he told me that a large, well-known company has redone its Kafka implementation three times in two years, because they hadn't architected it properly. You can take any technology and make it bad.

Our deployment took about six months, start to finish, from initial discussions and purely white-boarding through to being live in six regions. The first five years after

it was implemented, we weren't allowed to build any net-new application that didn't go onto the bus. Every application has a three-year life cycle within the bank. In that five years, a good 80 percent of our applications had been completely rewritten, at which point we only had 20 percent left on our old environment to force over and bridge between old and new environments. After a couple of years of doing that, we didn't have to run any of the old environments anymore and just had one major platform that everyone connects to. That has been the state for the last five or six years.

I speak to other Solace clients occasionally, new ones who are looking at starting up, and they say, "Well, can we be done in a year?" And I say, "Well, your Solace can be done. That's not the issue. It's your life cycle of applications. If anyone tells you you're going to switch all your applications in one year, it's nonsense." Yes, it depends on the scale. If you're a small company, sure. But if you're a company of our size, you've got hundreds of applications and you're not going to rewrite them all overnight. But, we did a migration of JMS users from TIBCO EMS a few years ago and that was actually very simple. It was two or three lines of codes for each of the 200 applications that were connected. Within about three months we'd moved 200 applications. So it is easy to do pure JMS conversions, for example. But if you've actually got to rewrite the application completely, because you're changing how it operates, that's very different.

In that three months of discussion that I mentioned, we were working on our topic hierarchy and making sure that we didn't have any pitfalls. The rest was that it takes a long time to get things set up at data centers, racked and networked and dealing with the firewalls. But the actual configuration of the appliances between all the regions was only about two weeks' worth total, for 12 different data centers. That was not the lion's share of the work. The planning for doing it across multiple regions was the lion's share of that.

The topic hierarchy is hugely flexible, but you do have to put time in to plan your hierarchy and try to think through all the eventualities of how you're going to use it. Otherwise, it can become a bit of a free-for-all if you don't govern and control it in some way. You need a good onboarding process for how you want to use things.

If you leave it totally open to your teams to choose, you're going to end up with a bit of a mess.

For naming, we start everything with a region and go from there:

- where the data is coming from or to
- what business area the data is related to
- what type of data it is
- what application team
- what instances they're coming from
- then we get into the actual data name itself.

There are six or seven layers of our topic schema that we have published. After that, the application teams can be specific on how they want to name the seventh or eighth level. But the first several levels are defined by us and we say, "Okay, if you're this, you're going to be choosing New York, you're going to be choosing fixed income, you're going to be choosing that this is market-data price, and then you're going to be choosing that your application name is this, and the datatype is real-time. And the message instrument itself is X and the data it contains is Y." So we've already mapped out our schema for all those levels, and then they can put their payload in at that level.

This way, it becomes really easy if you're trying to wildcard things at a higher level. You can say, "I just want to see all the market data prices." I can wildcard three levels and be able to pick those up without having to know anything else. I can look at pretty much any topic name that someone has. And you've got 255 characters to choose from. I've seen people who try to map everything, but then it becomes unreadable. Unless you've got a guide to figure out what topic schema look like, it becomes very difficult for a human to interpret. It has to be readable to them. Six to eight levels works, without needing some sort of decoder to work out what things mean.

In terms of staff involved in the deployment at the time, we had about 16 people, globally, across the different regions. But this wasn't the only thing they were doing. We also support 20 or 30 different systems because we look after the market

data system for the bank as well. Solace isn't our only job. In addition to those 16 people for the initial implementation we had 30-something in compliance across Prod, QA, and Dev, etc.

Today, the number of people we have doing maintenance on it is in the high 20s . We haven't exponentially grown our staff around what we're charging back to the business for the true staffing of this. The only thing we have grown out a little bit, over time, is our development team that supports the applications, as we've had 400 applications come on. They have general, day-to-day questions. We only have three people in that Dev team, but they're acting like a first-responder before we raise a question to Solace's support team around API issues. A lot of the questions people ask are common questions that we've answered two times already. We have a lot of Confluence pages with basic how-to and FAQs. But sometimes people just want to jump on a call, go WebEx, and walk through what they were thinking of doing. We only had one developer doing that originally and we've got three now.

We're currently running version 9.6.0.38 in production.

.”

Verified user[Read full review](#) 

Managing Director at a financial services firm with 5,001-10,000 employees

Customer Service and Support

“Customer support for PubSub+ Platform is very strong. The provided documentation is well-maintained, and if you have any issues or customer requirements, they will support you within 24 hours with a response on your feedback..”

Hiten Nandasana

Angular developer at Flourish software

[Read full review](#) 

“I have looked into PubSub+ Platform's support forums to read and understand a few things that I did not understand. If you are talking about Google's team support, I have less idea about it..”

Vyshakh Babji

Developer at a computer software company with 51-200 employees

[Read full review](#) 

“The technical support is very good. Our questions have always been answered and resolved in a very good way. They seem very knowledgeable about their product and can go into depth about how and why we should implement it in certain ways..”

Sachar De Vries

Head of Infrastructure at Grasshopper

[Read full review](#) 

“We have used their technical support as well as their professional services.

- They have a very strong support team.
- Some improvement is required with Solace professional services. The professional services really needs to drive the solutions for the customers and share best practices. They also need to guide the teams through the right things.

Verified user

Head of Enterprise Architecture & Digital Innovation Lab at a tech vendor with 10,001+ employees

[Read full review](#) 

“The technical support helped us in all the aspects. So far, there are no complaints. We got really fantastic support from them. Their leadership is also very much committed. Their senior VP joins us in weekly review, which is the kind of commitment coming from them since their leadership is involved. Their technical teams are definitely involved and fully committed to our success.

A year and a half ago, the Event Portal was not available when we started our journey. This is a strong feature that they added based on feedback that they heard from us. This would not had been something that we could have requested with an open source, like Kafka. We would have had to outsource it to a partner for them to build it..”

Sushil Sarda

Lead Manager at a manufacturing company with 10,001+ employees

[Read full review](#) 

“Solace is truly the best company that we have to deal with when it comes to tech support. In the role that I have I deal with about 100 different vendors, everything from market data exchanges to software vendors, through the likes of IBM and Microsoft, etc. Ten years ago, when we first started dealing with them, Solace was obviously a much smaller company. They've grown. They were only some 50 or 60 people at the time and I think there are a couple of hundred now. All their support team who were there originally are still there — they've added more over time — were excellent. They know everything about their APIs and their systems.

If I reach out to IBM, for example, I'm going to get passed to six help desks before anyone I reach even knows what product I'm talking about. I support Cloudera for our company, as well. Cloudera has sold its support to IBM and when I raise a ticket with IBM, I wait a week to get a response. I have had some pretty shocking support experiences.

We always felt that Solace's support wasn't going to survive as they grew as a company. It was so good. That was one issue I kept raising because it was so good I couldn't see how it would scale. Surely it couldn't. But I can tell you, 10 years later, Solace is still the only company where I have zero outstanding issues, or unknown items, or support tickets that they haven't resolved. If you have a problem, they jump on a WebEx with you and, within minutes, we know what it is. Whereas I can't even get IBM to respond to a support ticket.

I deal with a lot of different people in my role and I can genuinely put my hand on my heart and say they're the best support company that we deal with..”

Verified user[Read full review](#) 

Managing Director at a financial services firm with 5,001-10,000 employees

Other Advice

“Regarding security and compliance features, I have not explored that area much; it is not a compliance-oriented product, so I do not see any relevance of compliance concerning GDPR or similar regulations. I would rate this review an 8.5 overall..”

Deepankar Bbhowmick

Integration Architect at a tech services company with 11-50 employees

[Read full review](#) 

“I recommend considering Solace due to its enterprise-level features, high throughput, cloud integration, and security. It is a top competitor among similar products and offers significant benefits in reliability and scalability..”

Nandha Radha

Principal Engineer at Citi

[Read full review](#) 

“I have utilized PubSub+ Platform's event replay feature when we were debugging issues, and it definitely helps me understand how or where things broke, quickly enabling us to upgrade the codebase and add additional fixes.

I think the documentation for PubSub+ Platform is pretty good and neat, so I would rate it an eight. I would rate this review an overall eight..”

Vyshakh Babji

Developer at a computer software company with 51-200 employees

[Read full review](#) 

“We use approximately four people for the maintenance of the solution.

My advice to others is this solution has high throughput and is used for many stock exchanges. For business critical use cases, such as processing financial transactions at a quick speed, I would recommend this solution.

I rate PubSub+ Event Broker an eight out of ten..”

BhanuChidigam

Software Engineering Manager at Wells Fargo

[Read full review](#) 

“Regarding PubSub+ Platform's AI capabilities for governance and security, this provides a very good and well-managed experience.

“Concerning PubSub+ Platform's AI capabilities regarding accuracy and reliability, it provides more accurate output and workflow, depending on what I have configured for these IoT applications and configurations. It is more accurate and more reliable.

“I advise other organizations to adopt event-driven architectures, which are the main benefits of this platform. Organizations using PubSub+ Platform primarily for real-time data streaming and API integration should definitely try this platform. It will have a great impact on their organization and be very useful. I would rate this platform a 9 overall..”

Hiten Nandasana

Angular developer at Flourish software

[Read full review](#) 

“I have experience working with Kafka, PubSub+ Platform, and [IBM MQ](#), all three of them.

“We are customers, meaning my company uses Solace. We use it and customize it based on our needs.

“Based on my experience, I would recommend other people use PubSub+ Platform.

“Interested parties can contact me if they have any questions or comments about my review.

“I rate the PubSub+ Platform a 9 out of 10..”

Verified user

freelancer at a financial services firm with 1,001-5,000 employees

[Read full review](#) 

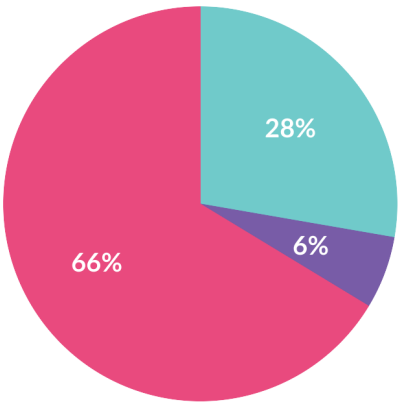
Top Industries

by visitors reading reviews

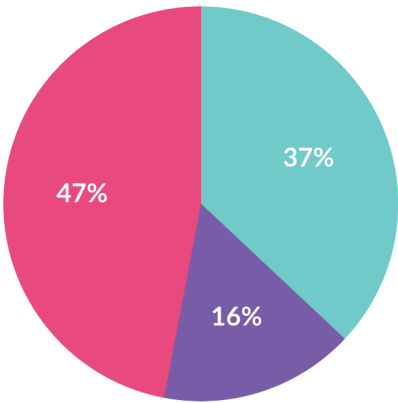


Company Size

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