aws marketplace

Revvity Signals Notebook

Reviews, tips, and advice from real users

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Product Recap

Revvity Signals Notebook

Revvity Signals Notebook Recap

Revvity Signals Notebook is a sophisticated electronic lab notebook designed to streamline research and development processes, offering advanced features for data management and collaboration tailored for scientific professionals.

Designed for modern laboratories, Revvity Signals Notebook enhances productivity by enabling seamless collaboration among teams. It integrates with existing workflows, ensuring researchers can document experiments, share insights, and manage data effectively. Its intuitive interface allows users to capture and analyze data with ease, facilitating a more efficient research environment.

What are the most important features?

- Data Integration: Connects easily with external databases and devices for comprehensive data management.
- Collaboration Tools: Allows multiple users to work together in real-time on shared projects.
- Advanced Search: Provides robust search capabilities across large datasets for quick information retrieval.
- Template Customization: Offers customizable templates to fit unique project requirements.

What benefits should you look for in reviews?

- Time Efficiency: Reduces manual entry and retrieval times, improving overall workflow.
- Data Accuracy: Ensures integrity and precision in data management, reducing errors.
- Scalability: Adapts to the growing needs of laboratories with expanding data requirements.
- Cost-Effectiveness: Lowers operational costs by streamlining documentation and analysis tasks.

In pharmaceutical and biotech industries, Revvity Signals Notebook facilitates complex research processes, enabling teams to manage experimental data effectively. It enhances drug development through real-time data sharing, helping researchers achieve breakthroughs faster while maintaining compliance with industry regulations.

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Valuable Features

Excerpts from real customer reviews on PeerSpot:

- "All the clients are liking this tool because of the speed with which you can configure anything, the simplicity of the UI, as well as the speed with which it saves your data."

Surjit Singh

Manager Consulting Expert at a tech vendor with 10,001+ employees

- "The best features Revvity Signals Notebook offers include the significant difference between it and paper notebooks, as now we can get all the data in one single computer from several users, we changed our mindset, and now we can compile all the data from several projects."

Pablo Laser

Process Development, Admin of the Notebook with 10,001+ employees

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"From my experience over the last fifteen months, the most valuable feature of the Revvity Signals Notebook is its ease of use. Customers appreciate that updating templates is straightforward and everything is automatically saved. The UI is simple, making creating, sharing, and searching experiments easy. Different scientists can reference each other's experiments seamlessly. It is also swift compared to other vendor-built software, where you have to customize templates and write a lot of code. Revvity Signals Notebook excels in this aspect, making it smooth and efficient."

Surjit Singh

Manager Consulting Expert at a tech vendor with 10,001+ employees

"My company has a business relationship with this vendor as a distributor and reseller beyond being just a customer."

Validated user

Chromatography Field Service Leader at a retailer with 11-50 employees

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What users had to say about valuable features:

"I rate Revvity Signals Notebook as nine out of ten because it is easy to use, which is why I deduct that one point. My company has a business relationship with this vendor as a distributor and reseller beyond being just a customer.."

Validated user
Chromatography Field Service Leader at a retailer with 11-50 employees

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"The best features Revvity Signals Notebook offers include the significant difference between it and paper notebooks. Now we can get all the data in one single computer from several users. We changed our mindset, and now we can compile all the data from several projects.

This feature has helped my team and made our work easier because we can work in a more efficient manner, and we also save a lot of time because we can use templates for experiment creation, allowing us to avoid repetitive tasks.

Revvity Signals Notebook has positively impacted my organization by allowing us to work together across several sites. My company has two sites in different cities, so now we can work together and compile all the data in one place. We can work on one experiment across different sites of the company.

I am unable to share specific metrics or examples, but I can say that this cross-site collaboration is very useful for us.."

Pablo Laser
Process Development, Admin of the Notebook with 10,001+ employees

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“For functionality in Revvity Signals Notebook, obviously, one valuable feature is the API support they have. They have good, extensive API support. If you want to custom build any application, meaning an integration application or you want to create a data pipeline using those APIs, you can leverage and integrate that. That is one good thing they have. Another thing is the speed because clients go for Revvity Signals for that reason. With the speed of loading your templates, configuring your scientific parameters in different ADTs, the user interface is quite good. It loads quickly and doesn't show any lag in terms of loading the applications. They are adding a lot of new features in ADTs. Earlier, we had only the concept of admin-defined tables, which is ADT, but now they have added variant tables and hierarchy tables. They have added the concept of pulling materials from the material table into these ADTs, the hierarchical table, or variant tables. You can do all those things, and they are adding new functions within these different types of tables. Small calculations, which we used to go for VitroVivo for, can now be done at the ADT level as well. They have made a lot of changes at their ChemDraw side as well. The way you will be trying to search your compounds and molecules can be done quite easily from previous releases. They are still progressing. They have done a lot of fixes from the plate map side. Now, based on CSV, you can upload your plate map data. Earlier, only download was there. Now you can upload it as well. That is going to add a lot of value because I had given this idea a long time back, almost two years back, and now they have added that as a feature.

“They have good API support, and that API gives flexibility to integrate with any tools. If you have any application integration tool or data integration tool, you can leverage your API and do the integration with that application or data pipelines.

“The collaborative feature of Revvity Signals Notebook was always good. Because of that, people prefer this tool. The ease with which you can do the collaboration means that you have different user groups defined, and one user can share their experiment with another user in a very easy manner. If you can define that a scientist will be doing an experiment, then he wants to do a review, and then he can send it for review. Or if somebody has to do a sign-off, meaning signing and closing of the experiment, that can also be done. You can define different roles and accordingly set what are the different layers of the approval life cycle. You can share an experiment from one group to another group or within the group. You can

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define roles as well. It depends on how well you are planning from the system admin side, where you are setting up your policies, such as how your experiment will flow. If some experiment should be a GXP experiment that should not be exposed, you have to define a policy according to that. You have to define your experiment properties and based on the properties, set your policies. That is how it works. It is a matter of how well you are planning, and that will make your system more collaborative with all security and compliance aspects in consideration.

"Regarding security in Revvity Signals Notebook, it is there. Everything is secured based on the policy, the way we are defining it at the admin level. That is one thing. And another thing is obviously the authentication and authorization, how you are doing that, and how you are defining your system user groups. Security-wise, it is there. All the necessary features are there.."

Surjit Singh
Manager Consulting Expert at a tech vendor with 10,001+ employees

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Other Solutions Considered

"This is the first time I have used this kind of technology. I come from paper notebooks, so for us, it is a very significant step forward.

I think we evaluated different options before choosing Revvity Signals Notebook, but I do not have them in mind.."

Pablo Laser
Process Development, Admin of the Notebook with 10,001+ employees

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"The main competitor in the market for Revvity Signals Notebook, a very close competitor is Benchling. Benchling is also quite good. The only thing is that the UI, the ease of use—Benchling is a little on the complex side because you have to do a little more configuration from their end. There also, the visualization, curve fitting plotting, those things are not available in Benchling, and that is why we have gone for the Signals research suite. Benchling is the closest one.."

Surjit Singh
Manager Consulting Expert at a tech vendor with 10,001+ employees

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Use Case

"Revvity Signals Notebook is dedicated to the pharmaceutical industry, particularly for scientific support, drug discovery, and chemical-related experiments. It allows users to create templates for various experimental purposes and supports enterprise features like policy rules for different user types. As a system configuration engineer, I make these templates for different experimentation purposes for different sets of users. While we primarily use Signals Notebook, there are other products like VitroViewer for workflow execution with experimental data and Inventory for creating Lakehouse solutions. Our group usually uses Signals Notebook, though different teams might use Inventory or other products from the suite.."

Surjit Singh
Manager Consulting Expert at a tech vendor with 10,001+ employees

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"My main use case for Revvity Signals Notebook is as an admin for the company and also as a simple user for the process development of my company, which focuses on chemical process development.

A specific example of how I use Revvity Signals Notebook in my chemical process development work is that we use it to study the optimization of chemical reactions, and we use the lab notebook to take notes and compile all the data.

I would add that we are now starting to implement artificial intelligence, so we use the lab notebook to compile all the data to feed this artificial intelligence in our company.."

Pablo Laser
Process Development, Admin of the Notebook with 10,001+ employees

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"We have been using Revvity Signals Notebook for developing the scientific templates, different ADTs, then automating workflows using Signals with Trovivo. We have also used Inventa, and Signals Inventa for Data Factory. On top of that, we have developed our own frameworks using Python, which will be using Signals API for integration and through different third-party applications. Suppose you have DLC or any other third-party integration applications, which we can leverage using Signals APIs, and then we have done the integration. We have created some of our own frameworks, such as MetCona. MetCon is a Python-based framework we have developed, and we have done the automation, which cannot be done with VitroVivo.

"Regarding the functionality part of Revvity Signals Notebook, they have all the functionality. For sample management, the functionality is now available. The only thing is that if a client has their own sample management tool, can it be seamlessly integrated? Those kinds of connectors or integrators are not available as an out-of-the-box feature. For that, you have to utilize a custom-built script with the help of APIs or an external list. Otherwise, we don't have any direct way of integrating them.."

Surjit Singh
Manager Consulting Expert at a tech vendor with 10,001+ employees

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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.

"The initial setup for Revvity Signals Notebook is quite simple because it is a SaaS application. Everything is web-based. Earlier, we were supposed to install Spotfire on your local machine, but now they have pretty much sorted that out. Their tenants, since this Revvity Signals research suite has been launched, your VitroVivo configuration can be done through the web only, and the web is quite mature now. Setup-wise, you don't have to do much in your local environment, actually.."

Surjit Singh

Manager Consulting Expert at a tech vendor with 10,001+ employees

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Customer Service and Support

"For technical support, such as vendor support, they have good, quite good support, but sometimes, for things such as deployment tools, or if we were raising any issues or ideas, getting that implemented was taking too much time. For example, the idea which I gave got implemented after two years. Their own development team is on the slower side, and that is why the service or support on critical areas takes time. It is not that they will be supporting you very fast. Initially, they will be collaborating very well. However, when things start, and clients start using it too heavily, and they start identifying some critical issues, getting support in a very timely manner will be a little difficult. It happens that you have to wait for six months or years to get something fixed.."

Surjit Singh
Manager Consulting Expert at a tech vendor with 10,001+ employees

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Other Advice

"I do not have any advice to give to others looking into using Revvity Signals Notebook. I do not have any additional thoughts about Revvity Signals Notebook.."

Validated user
Chromatography Field Service Leader at a retailer with 11-50 employees

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"I trust the Signals support team regarding collaboration and data security, although I am not entirely certain about the security of Revvity.

My advice for others looking into using Revvity Signals Notebook is to clarify how they introduce the data into the notebook, as this is very important.

For now, we are very happy with Revvity Signals Notebook. I give this product a rating of eight out of ten.."

Pablo Laser
Process Development, Admin of the Notebook with 10,001+ employees

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"The main benefits I receive from working with Revvity Signals Notebook are based on which tool you are moving to this tool from. That will create a benefit. My client was using legacy-based ELN bios. There, the tool was a desktop application which was taking too much time to load your experiment data. If you were making any small changes, the latency of making those changes would be quite high. Scientists would be spending a lot of time just configuring those experiments, and

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they wouldn't be doing any useful work, such as their scientific activity. This tool makes things faster, and that is what I said. All the clients are liking this tool because of the speed with which you can configure anything, the simplicity of the UI, as well as the speed with which it saves your data. If you have to collaborate, you can collaborate on your experiments with speed. That speed is the only thing making an X factor to this tool compared to the other tools.

"The advanced search functionalities in Revvity Signals Notebook have helped to improve or make efficiency better in locating and managing diverse data formats. For search functionality, they have been adding new components, and they have even added AI-based search capabilities as well. However, we have not exposed the AI-based search capability. We have done the testing but not exposed it. You can do OCR-based search as well. If you have scientific images in your experiment and that has OCR text, and if you enable AI-based search functionality, then a user can put in natural language text and that will be able to pull out those experiments which have that OCR text as well. Those things they have added, and they are adding many of these things, AI-based functionality as well. However, that is still in a very early phase. I will not say that it is very mature as of now, but they are improving in the right direction. My overall rating of the Revvity Signals Notebook is 7 out of 10.."

Surjit Singh
Manager Consulting Expert at a tech vendor with 10,001+ employees

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"If you want to use Revvity Signals Notebook for the first time, my advice depends on your purpose. If you need to create templates for scientists to conduct and share experiments and reference others' work, you can definitely use this product. However, if you require complex workflows, data transformations, or integration with your data systems for advanced analytics, Revvity doesn't offer a fully stable product for these needs yet. For such cases, you would need your developers to use Revvity's REST API to expose data to your data lake, which can be costly and

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resource-intensive. You'll need to evaluate the additional costs and resources required beyond Revvity's product. If you're a small user group needing basic experimentation features, Revvity Signals Notebook is suitable. However, consider the additional value and cost before proceeding for comprehensive use with complex workflows and data integration.

From an end user's perspective, Revvity Signals Notebook is easy to learn. It's tricky for a configuration engineer but not overly complicated. With skilled resources, the learning curve is around three to six months. Overall, it's not more challenging than other SaaS products, making it reasonably easy to use.

I would rate the solution a six out of ten. The reason is that their focus seems to be on just one set of products, neglecting other products. Even though big pharma clients have been consistently pushing and giving them ideas on improving, they don't seem to have enough capacity to address those ideas. Clients are eager for improvements, but Revvity needs to take their feedback seriously and address the issues quickly. They are on a good path but need to put in more effort. Our client has been using their products for more than two years, and if the environment isn't stabilized within that time, they need to rethink their approach. They need to be more dedicated to addressing client needs.."

Surjit Singh
Manager Consulting Expert at a tech vendor with 10,001+ employees

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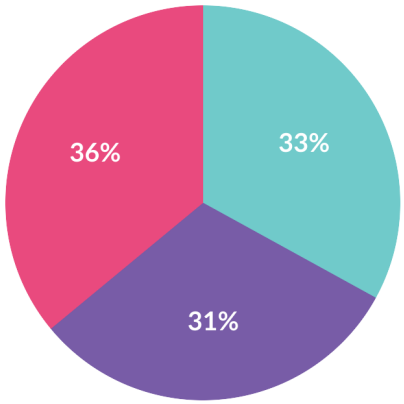
by visitors reading reviews

Construction Company	17%
Comms Service Provider	11%
Pharma/Biotech Company	10%
Outsourcing Company	9%

Company Size

by reviewers

by visitors reading reviews



Large Enterprise Midsize Enterprise Small Business

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