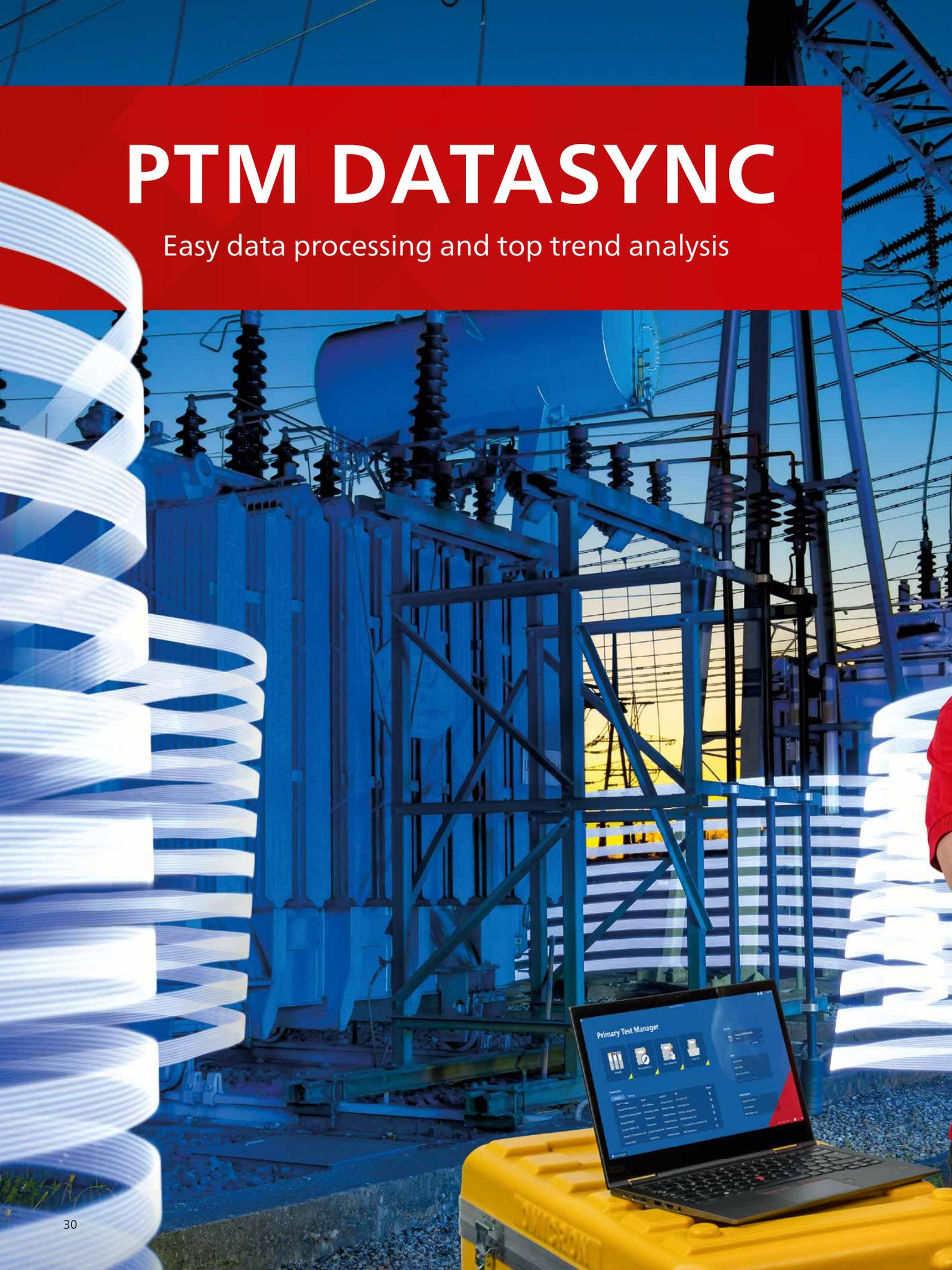


PTM DATASYNC

Easy data processing and top trend analysis





Primary Test Manager™ (PTM), our popular testing software, simplifies and accelerates electrical system testing. With our additional PTM DataSync “Web” and PTM Data Analytics modules, data management and data analytics capabilities can be extended into a powerful cloud-based client-server system which is becoming increasingly popular with our customers.

Martin Pfanner, the Product Manager for the Primary Test Manager™ software, shares his insights into the comfortable additional module PTM DataSync:

More and more customers are using PTM DataSync – what kind of problems does PTM DataSync address and solve for them?

Martin: PTM DataSync adds a server database to PTM. It allows data to be shared easily between multiple teams and backs up all the data safely.

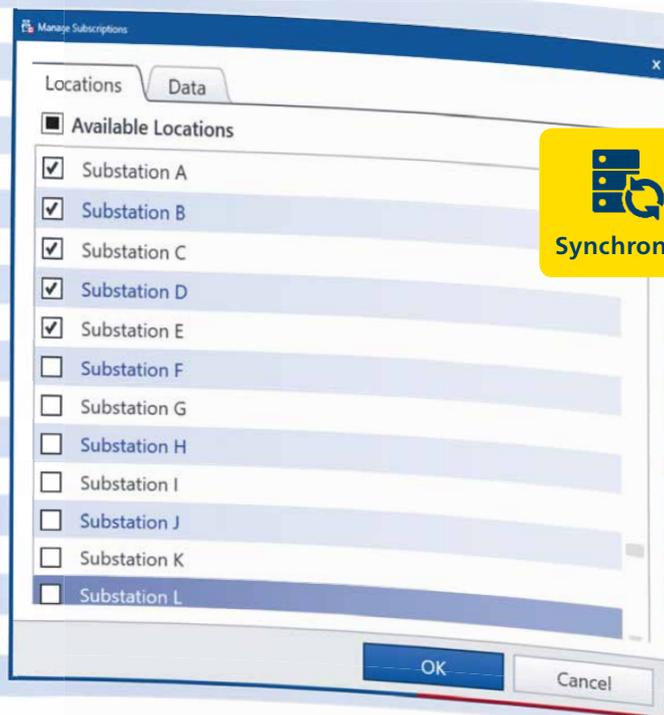
Is using PTM DataSync in a daily work routine easy? Do users need a training?

We focused on making DataSync’s functionality as intuitive and easy to use as possible for the testers working with PTM. I would say that the training is done in less than 30 minutes. A user only has to do two things:

First, they need to decide what data they want to have available and synchronized locally on a PC by subscribing to locations (substations). Secondly, they have to press the “Synchronize” button when they want to send new testing data to the server and/or receive updated data from the server.

Has there been any interesting feedback from users? How do they like PTM DataSync? Have they requested any improvements?

Users love the ease that PTM DataSync offers. Most of their improvement requests ▶



have been related to additional functions on the server side.

Have users experienced an improvement in the quality of their data when using PTM DataSync?

PTM DataSync ensures that everybody is using the latest data. This is true for asset data, testing templates, test results for comparisons and trending, etc. The quality of their data has seen a significant increase, and duplicating data or work can be avoided.

In your estimation, how much time can a team save by using PTM DataSync compared with the manual approach of sharing and storing asset data, test templates, and test results?

There are several aspects to saving time. The first is the amount of time a tester uses each day to collect the data he needs to do his job, save test results, and store them centrally. By replacing this manual process with

one synchronize button, he can easily save 15 minutes per day. If the data he needs is not directly accessible because it's stored on another tester's PC or has been archived improperly, he might need much more time. For example, by having to re-enter name-plate data for the assets he needs to test. The worst-case scenario is data loss due to a missing backup mechanism which might force the team to re-test an asset or entire substation. A single incident like that can cost an entire working day.

How important is it to have a system record of measurement data history when it comes to comparisons and trend analysis?

Nowadays, archiving test results is still often done with paper or PDF-files. This doesn't allow data to be used efficiently. Having a system record for test results and in-depth diagnostic data enables users to apply all kinds of analysis when needed. The digital transformation is bringing a lot of new possibilities to data use.

When identifying gradual degradation of the insulation system of HV equipment, for example, it is essential to access past measurements to see a change in health conditions. It's often not the absolute value of a parameter but the rate of change that indicates an evolving problem.

Two different versions of PTM DataSync are available. Can you explain the differences between PTM DataSync "On Premises" and PTM DataSync "Web"?

PTM DataSync "On Premises" is for customers who want to host all the data themselves on internal servers. Their own IT department must set up the server infrastructure, data hosting, support, and maintenance.

By contrast, PTM DataSync "Web" is offered as a "Software as a Service"-solution (SaaS) with an annual subscription model. All services are provided by OMICRON and our professional hosting partner Microsoft® Azure. With PTM DataSync "Web", we can provide



additional functionality and excellent support for our customers. In general, we see a worldwide trend of moving data to the cloud.

How difficult is it for customers to migrate from the “On Premises” solution to the cloud-based solution for PTM DataSync?

If a customer decides to switch from “On Premises” to a cloud-based DataSync version, OMICRON offers to migrate their database as a free service.

Compared with PTM DataSync “On Premises”, PTM DataSync “Web” provides more functionality like browser-based access to server data via the DataSync Manager (DSM).

Can you elaborate on this?

DSM offers various functionalities for administrators, like an overview of all locations, assets, and jobs in the database and their history. Previous jobs that have been changed or deleted can be restored. With the PTM Data Analytics license, additional dashboards and widgets are

available in DSM for gaining deeper insight into the testing condition of the assets. PTM Data Analytics also includes standardized interfaces for a connection to business intelligence tools like Excel® or Power BI®. These interfaces allow the data exchange and enterprise asset management or asset performance management systems or, in general, the integration into a customer’s extensive software ecosystem.

Thanks a lot for an interesting talk. ▀

LISTEN TO THE PODCAST

PTM DataSync – Cyber Security – PTM DataSync Manager – what are the similarities?



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[omicronenergy.com/datasync](https://www.omicronenergy.com/datasync)



*«For further information or questions, **please don't hesitate to contact me!**»*



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Contact now