

FOR A **SUSTAINABLE** WORLD

Take the **guesswork** out of machine operation

OEE AND REAL-TIME
PERFORMANCE DATA
WITH OUR DIAP SOLUTION

Brüel
SYSTEMS

GET THE ANSWERS YOU NEED

Are your machines performing as they should? When a machine stops, what is the reason? And how is everything running right now?

With our DIAP (Data Intelligence Analysis Platform) solution for Brüel Systems machines, you can get answers to these questions and much more.

OEE AND REAL-TIME DATA

DIAP collects machine data and presents it to you, giving you a complete overview of your production equipment performance. The solution gives you access to two kinds of information:

- OEE (overall equipment effectiveness) for your machine, calculated by multiplying machine availability (planned uptime) with its performance (current throughput)
- Real-time performance data such as pressure, water temperature, and detergent consumption. This includes historical data for the past hours, days, or weeks

With this knowledge, you can take the guesswork out of machine operation and make the most of your equipment investment, ensure maximum uptime, and detect equipment issues.

BENEFITS WITH DIAP

- Factual knowledge of equipment uptime, performance, and stop causes
- Easy user access from any device with an internet browser
- Secure data with encrypted cloud data storage



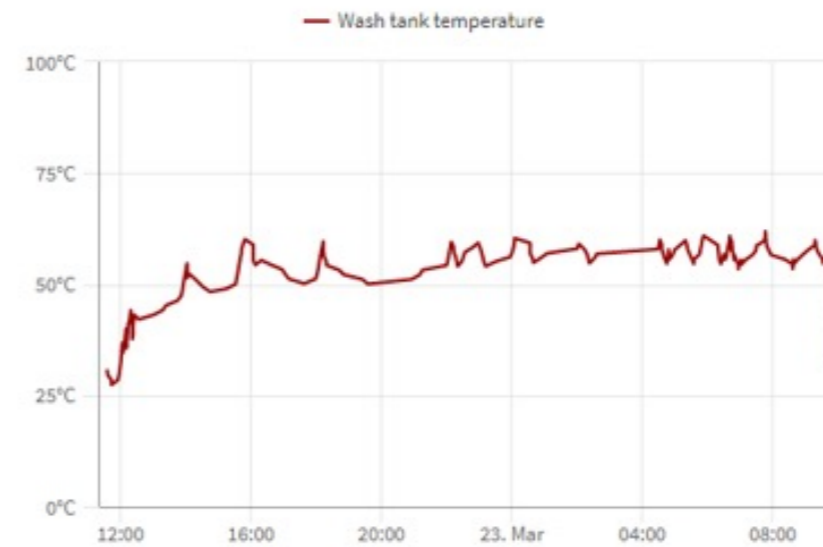
HOW IT WORKS

When your equipment is running, the DIAP data gateway collects data from the PLC system and sends it to secure cloud storage over a wired, wireless, or mobile data connection. From the cloud, you can access the data at any time from any device with an internet browser. You can set up the system to automatically create PDF reports and e-mail them to you or other relevant users, and you can export raw data and alarm information for detailed spreadsheet analysis.

	OEE	Availability	Performance	Quality	
E20022L Washer lane 1	63 %	97 %	65 %	—	1:56
E20022L Washer lane 2	48 %	97 %	49 %	—	1:56

The OEE module shows you the current OEE, availability, and performance of your machine.

Wash tank temperature



The real-time data view shows you current and historical performance data, for example temperature.

Customised for you

We can supply DIAP for new Brüel Systems machines or carry out retrofit installations on existing ones. We configure the solution for your system prior to delivery; it can be customised to include any kind of data that is sent from the PLC. Naturally, we support the DIAP solution as needed during operation, and our field service and support staff can access the system to carry out remote troubleshooting.

MORE INFORMATION

Ready to take the guesswork out of machine operation?
Contact us to learn more about our customised DIAP offering.

Brüel
SYSTEMS

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