

ALBECO
Rok założenia 1989

www.albeco.com.pl

Customer
Success
Story

We pioneer motion

Service providers think ahead

With Industry 4.0 monitoring solution from Schaeffler

The maintenance management function of long-established Polish company Albeco uses the digital monitoring solution Schaeffler OPTIME to simplify and accelerate its daily service operations. The company uses the OPTIME app to assist in this process, which enables customer data to be created and managed with minimal effort. This establishes a knowledge advantage which does not require on-site presence, allowing the responsible maintenance personnel to act swiftly in making the right decisions. And the value of this digital solution: **Simply unbeatable.**

Benefits

- All customer data available at a glance with just one app
- Reduced travel to the customer thanks to digital data management
- More efficient planning of maintenance measures, staff, and replacement part procurement
- Increased customer satisfaction thanks to greater security and good conditions

www.schaeffler.de/en/success-stories

OPTIME is a great solution for modern, dynamically developing production companies. For us, it is a perfect product.

Anna Konopka-Rozwadowska,
Chief Executive Officer at Albeco

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What our customer does ...

Challenge

Since its foundation in 1989, this long-established company has primarily specialized in the sale of bearings and linear products. By constantly expanding its product and service portfolio, the company has secured its position as high-quality supplier and exemplifies specialized product diversity and delivery reliability. With the expansion of the Maintenance Management Division, the available portfolio now includes maintenance and diagnostic services as well as condition monitoring solutions.

The greatest challenge lies in dispelling the misperception that machine diagnosis is not required. Presenting a convincing case to customers on the benefits of predictive maintenance is a top priority for us,

states Jakub Burdajewicz,
Service Expert for Condition Monitoring.

The technical challenge lies in monitoring the multitude of machines involved in complex production processes. Managing the vast amount of customer data and minimizing on-site visits to customer sites are of the essence here,

he continues.

Albeco sought assistance on this matter from preferred partner Schaeffler.



Albeco, Poland

The group taking on the numerous maintenance challenges comprises 12 engineers, 2 certified experts in machine diagnostics and a qualified service team ...

with more than

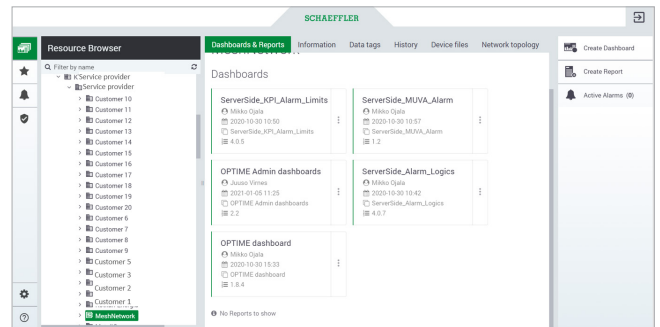
10,000

regular customers .

What Schaeffler is offering ...

Solution

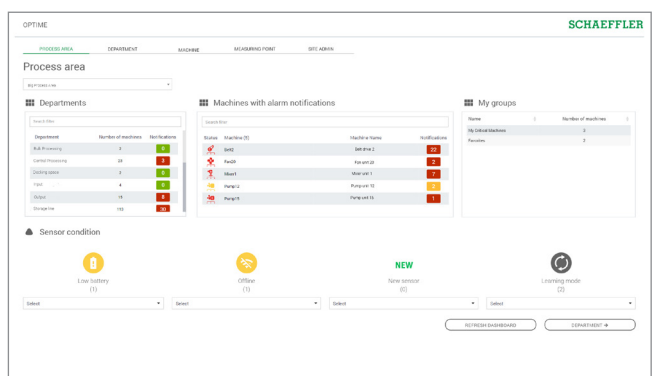
The Schaeffler experts in Industry 4.0 recommended OPTIME, a scalable solution comprising wireless sensors, a gateway, and digital service, which allows Albeco to set up its customer network with ease and quickly access individual customer data. In turn, Albeco's customers profit from the faster service, greater security, and fewer unplanned downtimes.



Easy customer registration and management

The screenshot shows the 'Users' section of the Schaeffler OPTIME web interface. It features a 'Create new user' form with fields for 'User Information' (Enterprise, User ID, Last name, Email, Password, Repeat password, Country, Language, Time zone) and 'Authentication method' (Username / Password). There are also checkboxes for 'Set password by email' and 'Repeat password'. A 'Select profiles for the user' section is at the bottom.

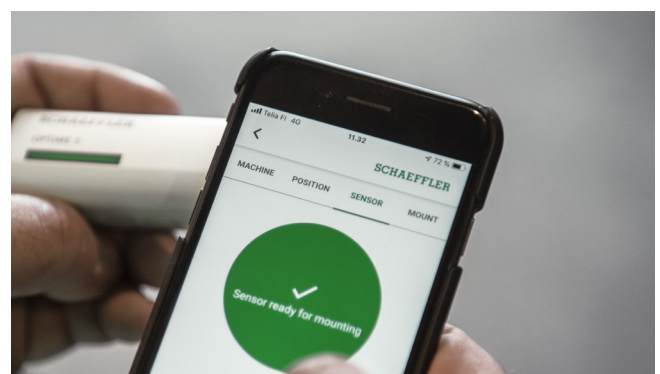
Thanks to the role and rights system, the maintenance management function can decide whether the customer will receive administrator rights for data management, or whether these rights will be available to Albeco only.



A customized view of alarms, notifications, and activities is available to Albeco at a glance, allowing any necessary measures to be taken promptly.

The screenshot shows the 'Department' view of the Schaeffler OPTIME web interface. It displays a table with columns for 'Machine name', 'Machine status', 'Notifications', 'Priority', 'Probable cause', and 'Machine status time'. The table lists several machines (e.g., Machine 1, Machine 2, Machine 3) and their current status (e.g., 'In working', 'Normal', 'Error').

The displays in the process areas and departmental views make it easy for the service provider to create work lists or similar documents for a customer visit.

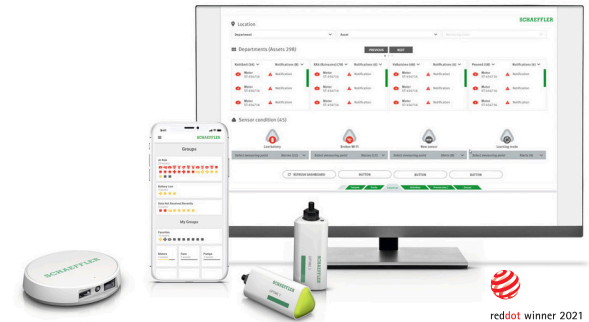


Sensor activation is also simple with the app. Download the app to your smartphone, put the sensor close to the smartphone and wait until the connection is established using mesh technology.

What Schaeffler is offerering ...

How OPTIME works

The sensors monitor the machinery and equipment at the customer's site. The gate-way receives the data from the sensors and transfers these to the Schaeffler cloud. OPTIME detects problems, alarms accordingly and provides information about the possible cause of the problem. Expert knowledge of condition monitoring is not required as this knowledge is already integrated in OPTIME in the form of Schaeffler know-how.



Schaeffler OPTIME wins the Red Dot Award 2021 in two categories.

What's special

Albeco has already used the solution successfully with numerous customers from a wide variety of industries. Customers are enthused by the low outlay associated with the installation. 70% fewer diagnostic visits are a clear indicator of movement towards optimization, without compromising on service.

Information on the OPTIME sensor

Vibration bandwidth	OPTIME-3: 2 Hz – 3 kHz OPTIME-5: 2 Hz – 5 kHz
Calculated parameters	7
Sensor commissioning	NFC (Near Field Communication)
Communication	Wirepas Mesh (2.4GHz ISM Band)
Measurement cycle	Parameters: every 4 h Time waveform: every 24 h

We have introduced telephone conferences in place of diagnostic visits, so that customer queries can always be answered,

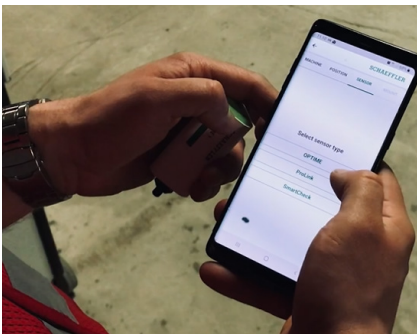
states Anna Konopka-Rozwadowska, Chief Executive Officer at Albeco

70%

less diagnostic visits to the customer



The OPTIME sensor is mounted.

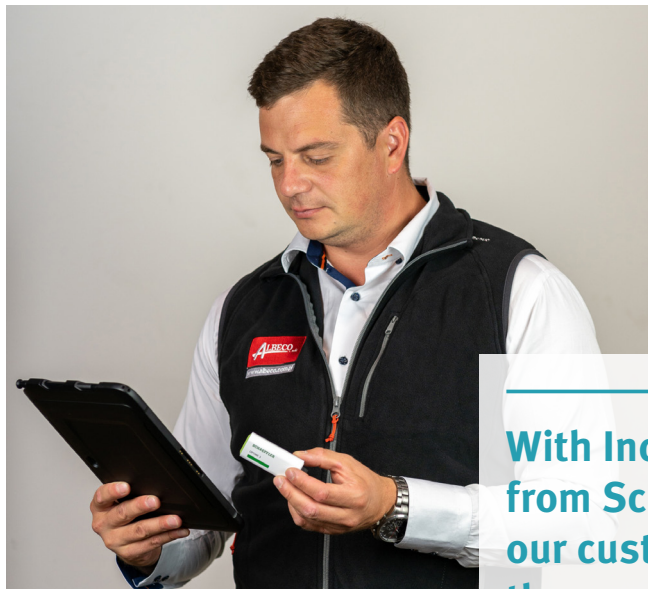


The Schaeffler app is installed.



The sensors are activated.

What our Customer says ...



With Industry 4.0 solutions from Schaeffler, we can serve our customers better and thus ensure less downtime. By the way, this opens up new business areas for us as a service provider. Our customers are satisfied. And naturally, so are we.

Jakub Burdajewicz
Expert for Condition Monitoring Service
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Strong partners. Optimal solutions.

Thanks to the partnership that has existed between Albeco and Schaeffler since 1992, customers enjoy many advantages: Solutions that increase bearing operating life, reduce maintenance outlay, increase plant availability, and save costs. The joint objective pursued by Schaeffler and Albeco is to offer customer's added value and, in doing so, always deliver premium quality and maintenance services first-hand.

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