

A decorative blue line runs horizontally across the middle of the page. It features two circular nodes, one on the left and one in the center. The line starts from the left edge, passes through the first circle, continues to the second circle, and then extends to the right edge where it turns upwards at an angle. On the far left, a large, light blue circular arc is partially visible, overlapping the dark blue background.

Maintenance with foresight

The digital solution for
sustainable maintenance

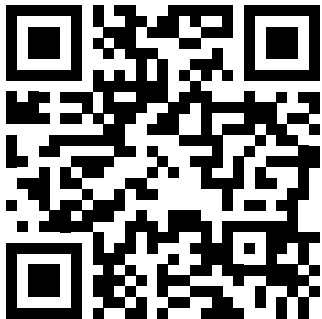
ROC by NILOS - OVERVIEW

The forward-looking digital solution for sustainable maintenance

ROC by NILOS is a **service** provided by **Ziller Holding** and is carried out by the companies of **NILOS Industrial Services**.

Find the right company in your area and get in touch with us.
We will be happy to provide you with information and help you further.

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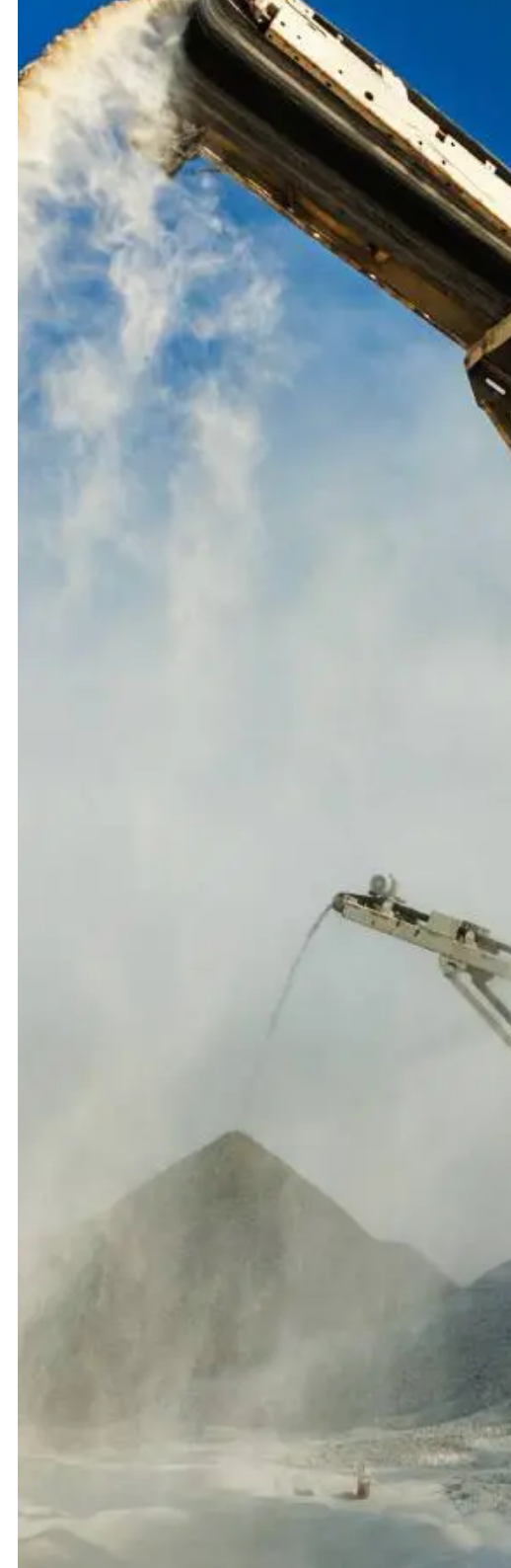
CURRENT

Maintenance situation in Germany

Despite high budgets, maintenance still has a low priority in industrial companies. Corrective maintenance, where repairs are only carried out when damage occurs, is the focus in many industrial companies. The consequences of this are:

- High maintenance costs accounting for up to 40% of all running operating costs
- Inadequate documentation of the systems
- Reactive rather than preventive problem solving
- Lack of information due to insufficient data
- Time and organizational problems
- Declining technical expertise

The solution: a **maintenance strategy with foresight**



TYPES OF MAINTENANCE STRATEGIES

Preventive
maintenance

Condition-based
maintenance

The 4 maintenance
strategies

Corrective
maintenance

- unpredictable costs
- high operating costs

Total Productive
Maintenance



ADDED VALUE FOR THE CUSTOMER

Effective maintenance strategies are of great importance for companies in many industries.

They offer numerous advantages, including:

Cost reduction	A targeted maintenance strategy enables companies to reduce costs caused by unplanned downtime and expensive repairs.
Improved reliability	Regular maintenance and servicing enables companies to increase the reliability of their equipment and machines and minimize downtime.
Optimized performance	A good maintenance strategy helps ensure that equipment and machinery function optimally, thereby increasing productivity.
Increased safety	Regular maintenance ensures the safety of employees and minimizes the risk of accidents.



4 STEPS OF PREVENTIVE MAINTENANCE

Maintenance with foresight

All measures taken to determine and assess the current status and to restore the target status.



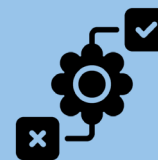
Inspection

Measures for determining and assessing the current situation



Maintenance

Measures to maintain the target condition



Repair

Measures to restore the target condition

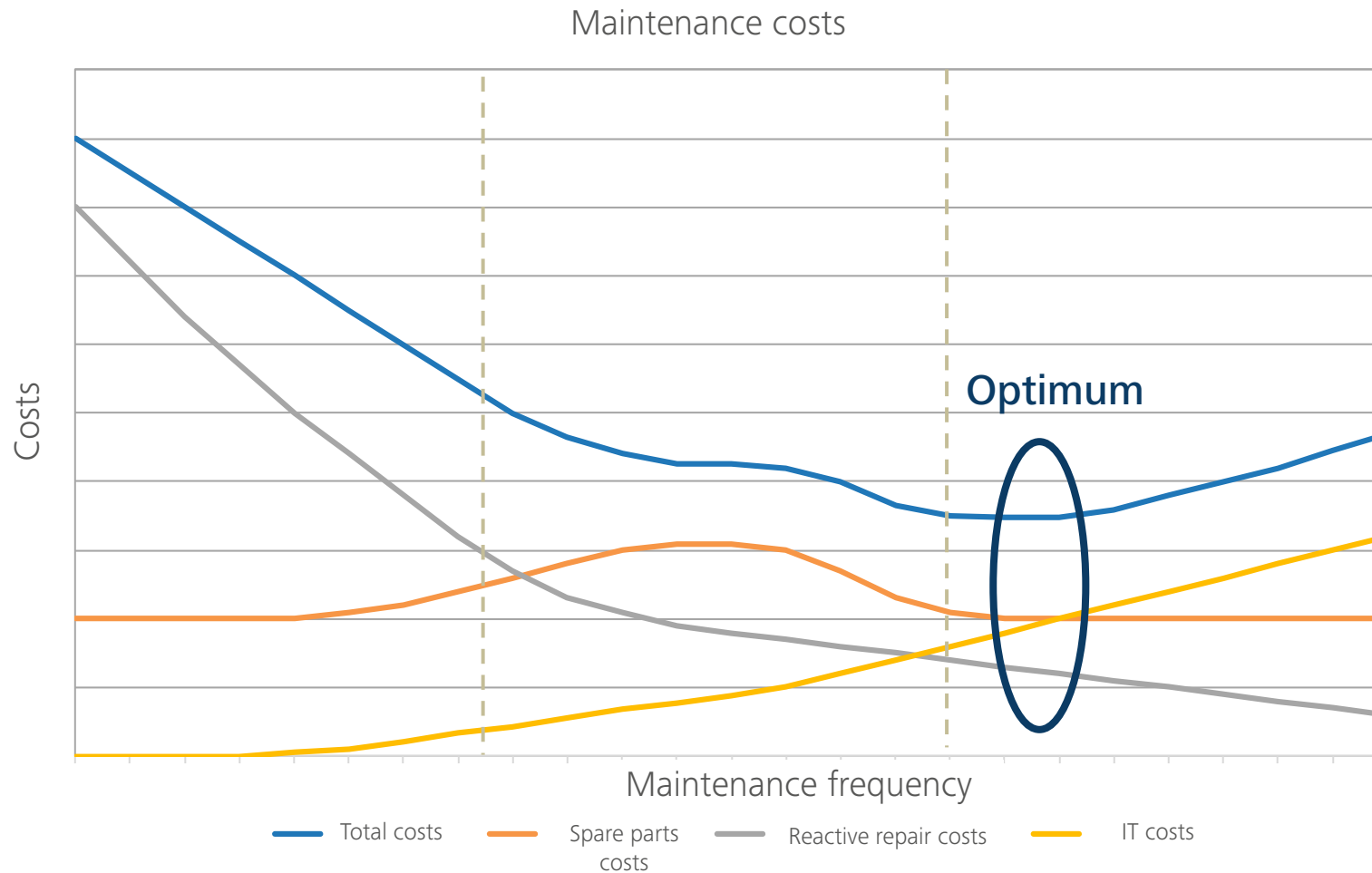


Improvement

Measures for plant improvement / increasing performance

MAINTENANCE STRATEGY

Advantages of the right maintenance strategy

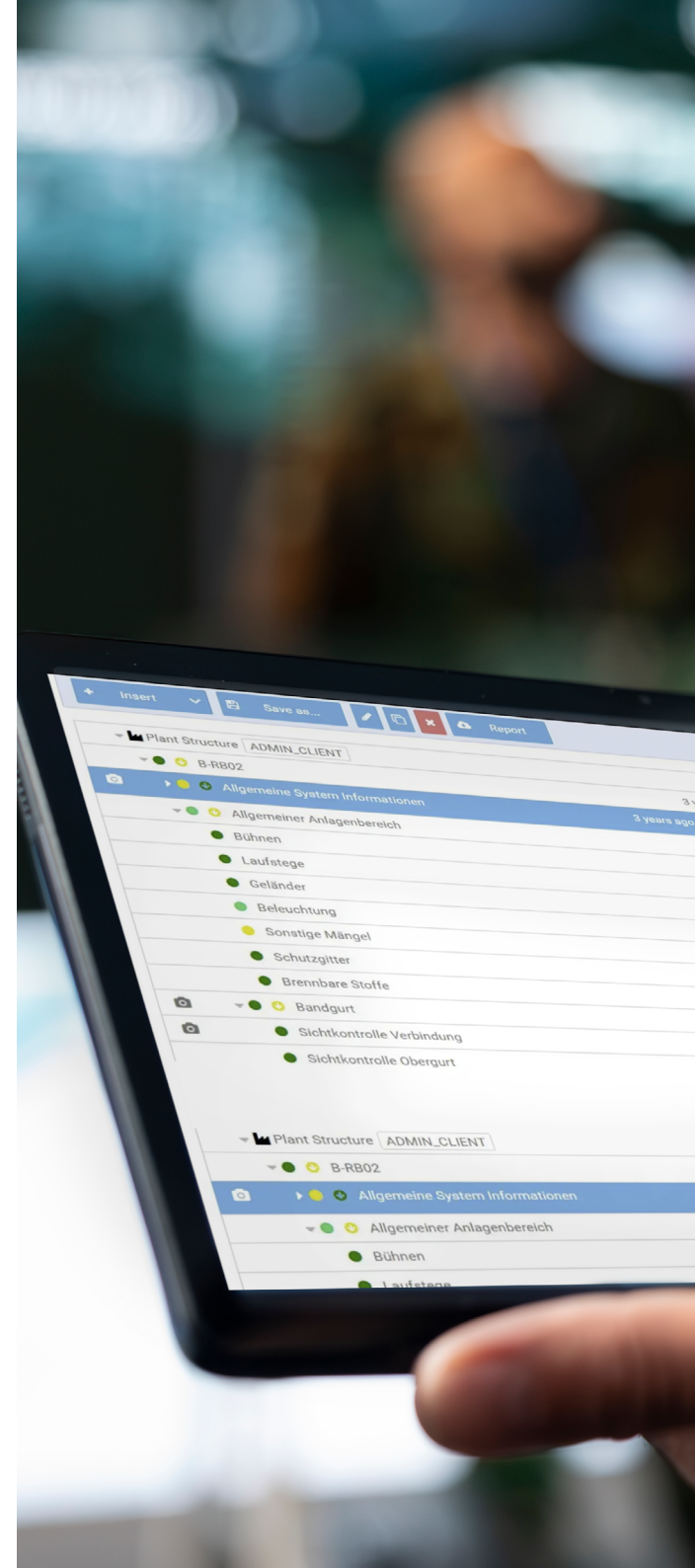


TRENDS IN MAINTENANCE

Advancing digitalization

- Repairing machines and systems is getting more complex
- Use of new technologies
- Monitoring operating parameters to analyze and visualize stuff
- Integrating system planning, development, and even decommissioning

Digital solution for sustainable maintenance.





The forward-looking digital solution for sustainable maintenance.

Optimize processes and conserve resources

One major advantage that modern technological developments have given us is **digitalization**: it allows processes to be streamlined and many resources to be saved. This, in turn, is necessary in order to cope with the increasingly complex **maintenance of machines and systems**.

Our **Resource-Optimization-Cloud "ROC by NILOS"** enables the efficient planning and management of conveyor system maintenance in collaboration with the customer.





Software solution “ROC by NILOS”

Automation, process optimization, and resource conservation:
Our “ROC by NILOS” software offers a forward-looking digital solution for the sustainable maintenance of conveyor systems.

Recording of all components

Once all components of a system have been entered into the system, the status of the entire system or individual conveyor system components can be queried at any time. In the event of damage or necessary maintenance, for example, the key data of the component to be repaired can be easily looked up in “ROC by NILOS.”

Efficiency through automation

There is no need for time-consuming clarifications by our service staff on site, saving working time and mileage. In addition, the software sends automatic maintenance reminders. Likewise, an email is automatically sent during regular checks and assessments of the condition, whereupon we can initiate appropriate measures for the customer.



Optimize processes and conserve resources

Our Resource-Optimization-Cloud “ROC by NILOS” makes an important contribution to promoting sustainability in industry.

Benefits of maintenance



Process optimization
and automation



Improving
occupational safety



Resource conservation
and cost optimization



Efficient flow
of information



Individual
settings

SPECIALIZING TOGETHER

We are part of a network united by a passion for innovation and efficiency. Together, we develop customer-friendly solutions that can take on the world of tomorrow.



Visit our website.



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Rothmann GmbH*

