

Optimized Warehouse Operations with Predictive Maintenance

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SSI SCHÄFER

Why You Need Predictive Maintenance in Your Warehouse

Predictive Maintenance is a proactive maintenance strategy based on the continuous monitoring of machines and equipment. By utilizing sensors, IoT technology, and Artificial Intelligence (AI), we can analyze the condition of your equipment in real-time and predict potential failures before they cause downtime.



Prevent costly downtime:

- Minimized disruptions: Early detection and resolution of issues prevents unplanned downtime.
- Continuous operations: Ensure that your operations run smoothly without interruptions.



Optimized resource planning:

- Efficient use of personnel: Your technicians can focus on truly necessary maintenance tasks.
- Improved warehouse management: Avoiding breakdowns keeps your warehouse operations remain efficient and productive.



Significant cost savings:

- Targeted maintenance: Only necessary repairs and maintenance are performed, avoiding unnecessary costs.
- Extended equipment lifespan: Extend the life of your machines and equipment through timely interventions.



Enhanced safety and compliance:

- Accident prevention: Early problem detection protects your employees from potentially dangerous situations, and ensures a safe working environment.
- Regulatory compliance: Keep your equipment in optimal condition to meet safety and compliance standards.



Up to 60%
reduction of unplanned
machinery downtime



Up to 50%
time reduction in
preventive maintenance



ROI in ~6 weeks
for customers

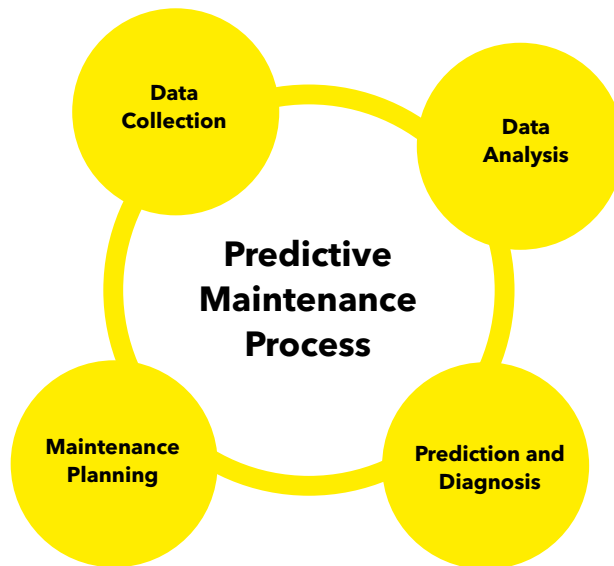


Approx. €1-5k cost of
system downtime
per minute

Your path to a more efficient warehouse operation starts here. Experience reduced downtime, significant cost savings, optimized resource management, and enhanced safety - stay ahead with our cutting-edge Predictive Maintenance solutions.

KPIs can vary for each warehouse depending on installed products and onsite data quality.

How Does Predictive Maintenance Work?



Data collection:

Sensors and IoT devices (Edge Devices) continuously collect data on key parameters, such as operation hours and distances.



Prediction and diagnosis:

Based on the analysis, we make predictions about possible failures and diagnose the causes.



Data analysis:

Our AI-powered algorithms analyze this data in real-time to detect patterns and anomalies.



Maintenance planning:

We plan targeted maintenance activities and execute them before a failure occurs.

Contact us to learn more and start optimizing your operations: stefan.unterberger@ssi.schaefer.com

Six Reasons For Choosing SSI SCHAEFER

■ **Stability**

As a financially independent family business, SSI SCHAEFER is committed to long-term solutions. You can trust that our team of experts will be there for you today, tomorrow and in years to come.

■ **Efficiency**

SSI SCHAEFER solutions are scalable and able to grow with your business. You can always upgrade or retrofit.

■ **Quality**

As a systems specialist and original equipment manufacturer, SSI SCHAEFER provides tailor-made and high-quality solutions from a single source, specifically designed to meet your challenges.

■ **Reliability**

Thanks to our worldwide Customer Service & Support network, SSI SCHAEFER ensures smooth operation of your system, both during and after installation.

■ **Know-how**

SSI SCHAEFER solutions are always up-to-date with the latest technological standards and can be easily integrated into an existing (IT) landscape.

■ **Internationality**

As a global organization, SSI SCHAEFER has local offices worldwide. With over 70 operative subsidiaries, our team of experts speak your language.