

Industry 4.0
Digital Services
Condition Monitoring

SCHAEFFLER

ConditionAnalyzer

Automatic vibration diagnosis



Automatic vibration diagnosis

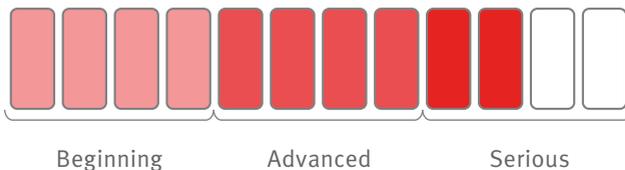
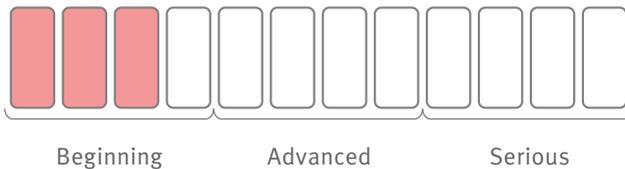
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Function

Schaeffler's ConditionAnalyzer makes it easy for maintenance technicians to monitor all of their machines and bearings. This digital service automatically analyzes the vibration data measured by sensors and provides a timely warning before bearing damage occurs. This cloud service can be integrated into an existing IoT platform using a REST API interface, providing simple recommended actions.

Display of damage type, degree of damage, and probability of damage





Customer benefits

- Prevention of unplanned downtimes
- Reduced maintenance costs
- Transparency regarding the machine's condition
- Analyzing and interpreting the vibration data is not required
- Timely information about any damage, allowing for countermeasures to be taken at an early stage
- Configuring of limit values and alarm thresholds is not required

Applications

- Electric motors
- Fans
- Pumps
- Drive technology



More information at
[www.schaeffler.de/
conditionexpert](http://www.schaeffler.de/conditionexpert)



Schaeffler Technologies AG & Co. KG

Georg-Schäfer-Strasse 30

97421 Schweinfurt

Germany

www.schaeffler.de

industrial-services@schaeffler.com

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