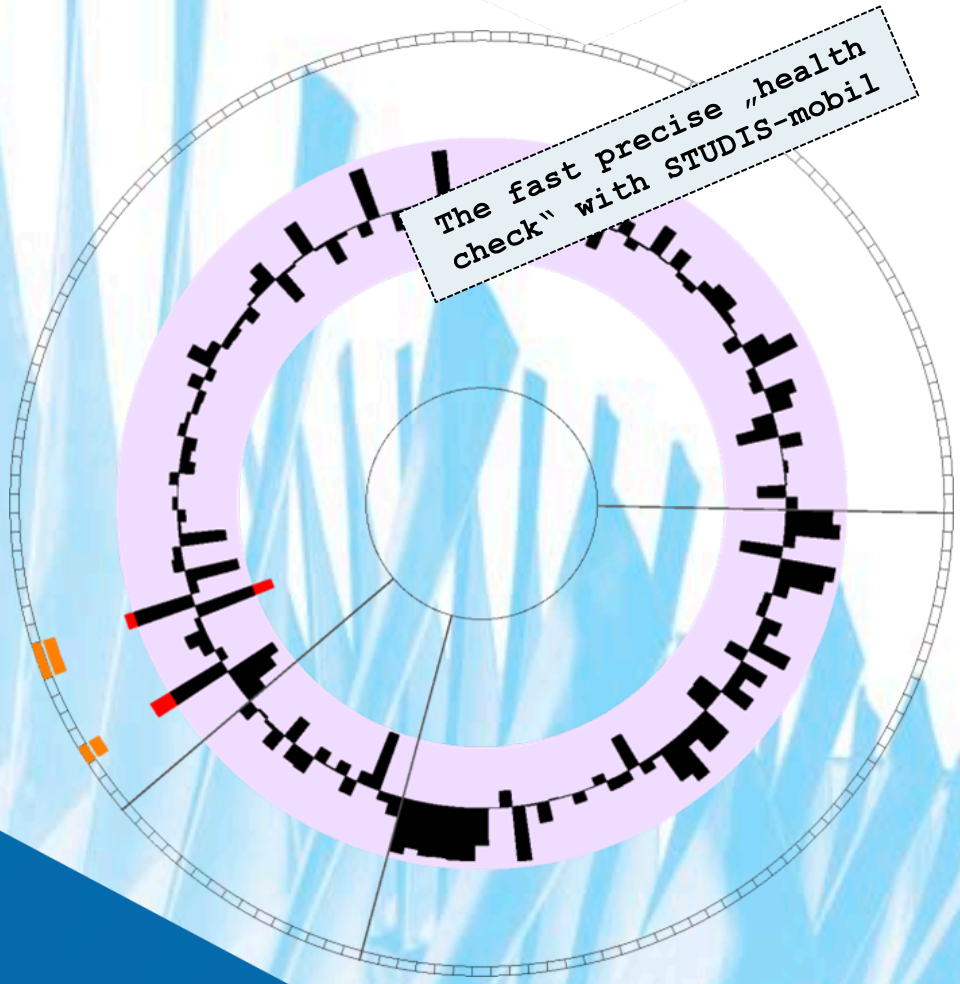


Mobile vibration diagnosis STUDIS-Mobil

STUDIS-Mobile - state-of-the-art vibration diagnosis on your engine, installed by experts.

- Troubleshooting for engine problems
- Improve vibration level through operational
- balancing
- knowing instead of guessing

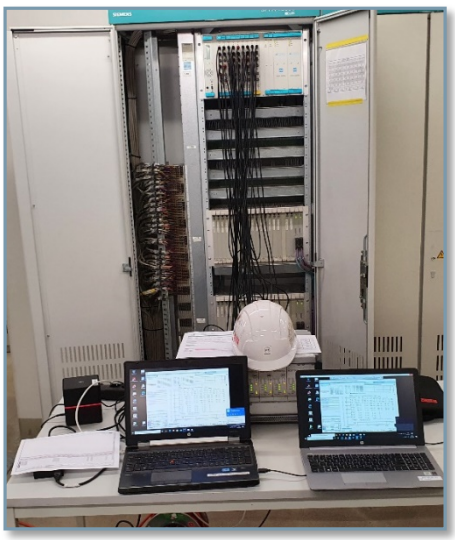
With our STUDIS-Mobile concept, state-of-the-art vibration diagnostics come to your engine. Experienced and recognized experts install our mobile vibration diagnosis system and corresponding sensors on turbines, generators, pumps and compressors. We solve your vibration problem and expand your knowledge about the condition of your plant.

Siempelkamp

NIS Ingenieurgesellschaft

Concept

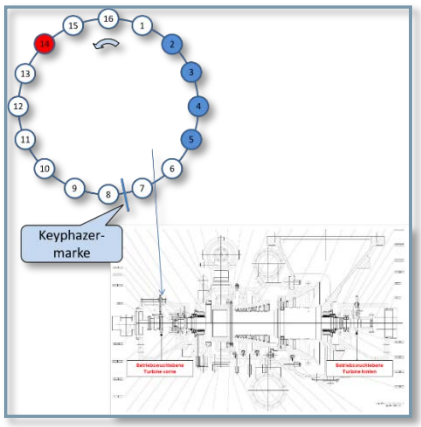
- Quick installation on all existing systems
- High safety due to retroactive free measuring technology
- Reliably solve vibration problems; know the condition of the machine!
- Informative project reports with practical recommendations for action
- Support in technical discussions by our experts
- Improve vibration behaviour and reduce wear through operational balancing
- Benefit from our experienced and dedicated team of experts



Secure connection to existing control cabinets

The connection to the permanently installed or to temporarily attached sensors enables a quick installation without interrupting the plant operation.

After a few hours all data are available for evaluating the condition of the machine. Possibilities for optimization can be worked out.



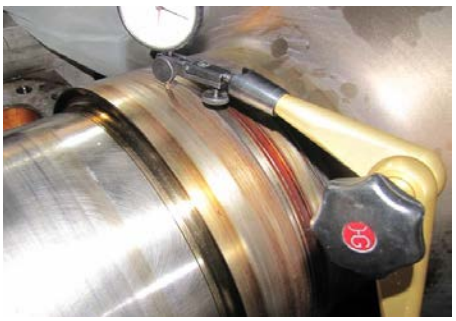
Calculation and execution of turbine balancing

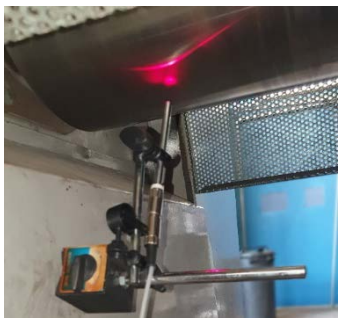


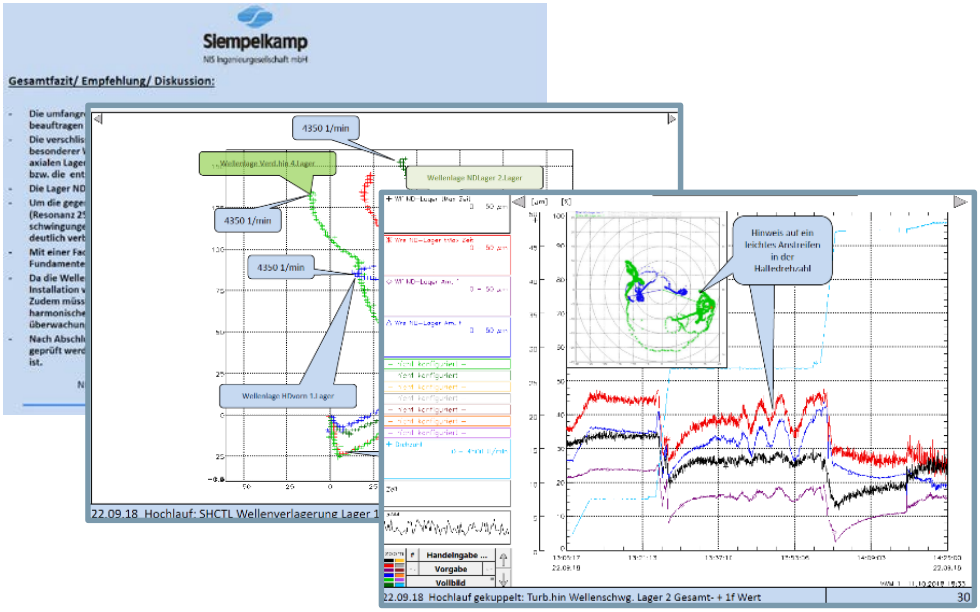
Mobile sensors for every machine

Benefits







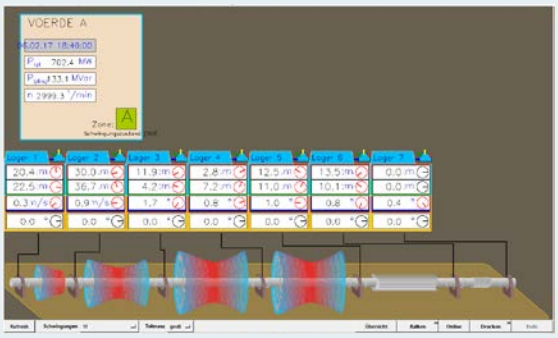


With STUDIS-Mobile you can benefit from the most modern vibration diagnosis concept in the shortest time. Whether there is a vibration problem, an unclear situation regarding the state of wear or the condition of the system is to be precisely determined before/after a repair or conversion measure - a vibration diagnosis measurement always provides security.

A few examples of the questions we can answer:

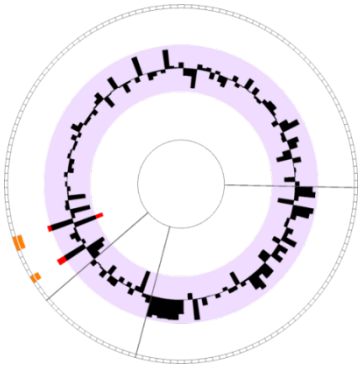
- Is there any rubbing?
- Alignment or balancing?
- Bearing damage?
- Blade vibrations?
- Any visible damage?
- Inspection target reached?

Service perfomance



Method
- Vibration diagnosis with characteristic values
- Blade vibrations with BLAVIM
- Modal or operational vibration shape analysis

Support
- Informative project reports with practical recommendations
- Calculation and execution of balancing
- Warranty claims during commissioning due to early damage detection





Vibration analysis and diagnosis
- High-quality analysis options: FFT, Orbit, Polar, Bode, ShCL, ...
- Remote support reduces costs
- Support from our experts 24/7

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Intelligent engineering
for future generations.

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12/2022