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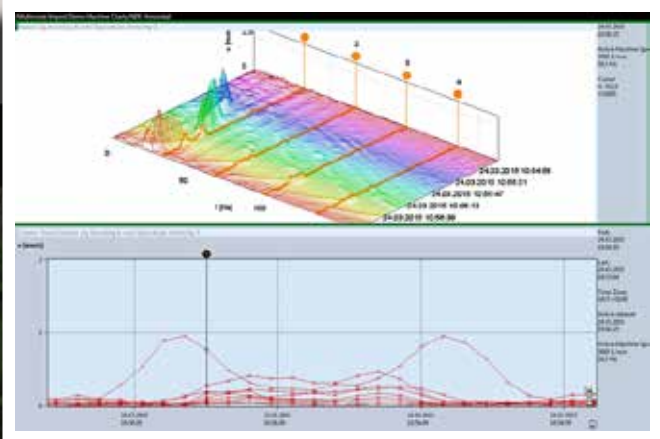
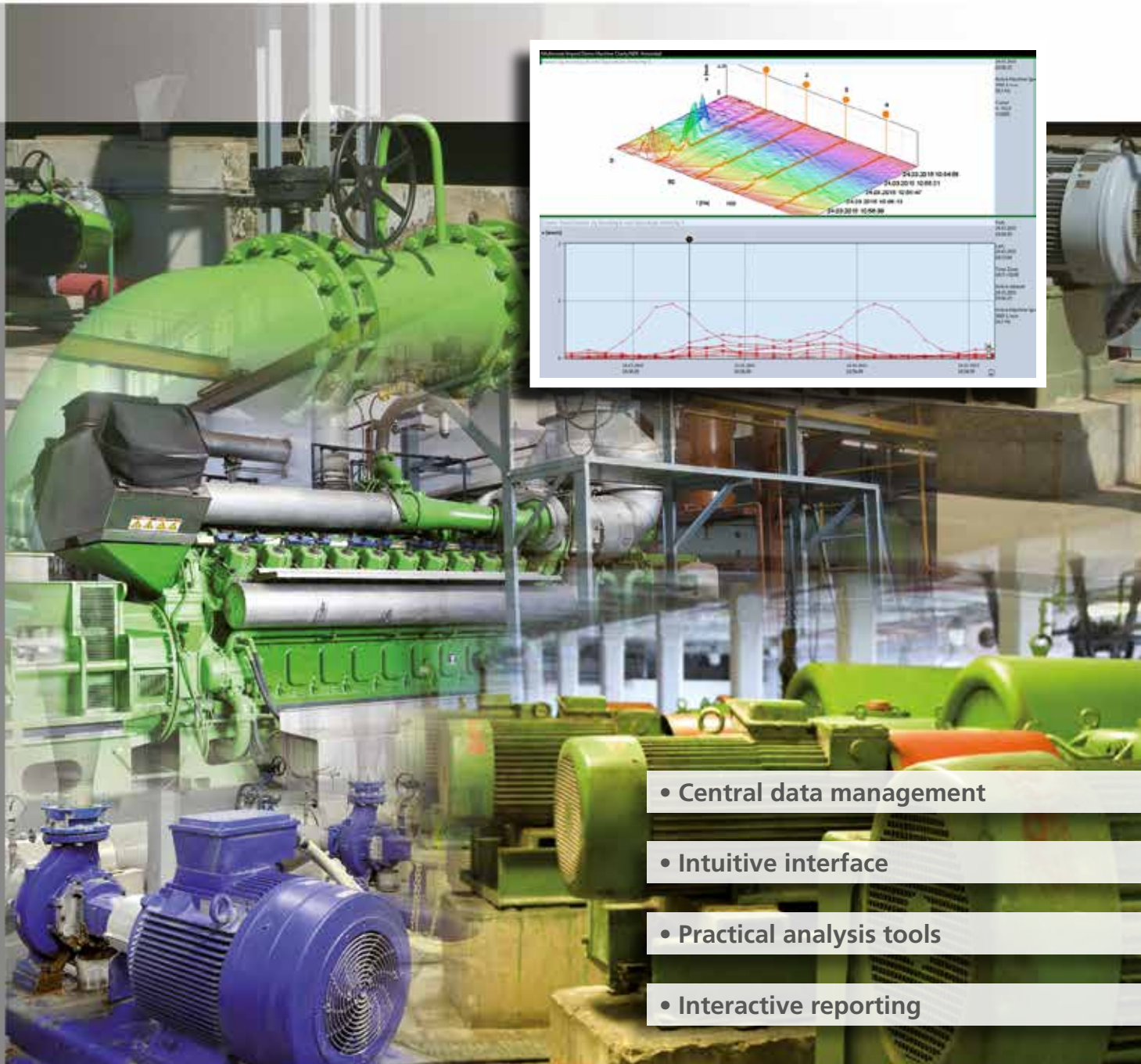
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# OMNITREND® Center

The Perfect Partner to your Condition Monitoring systems



• Central data management

• Intuitive interface

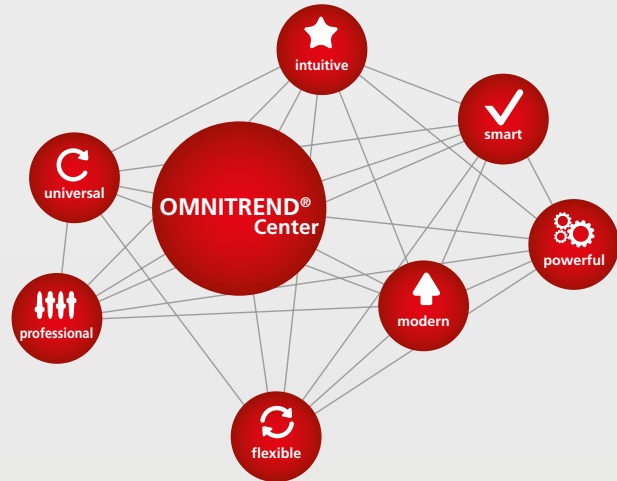
• Practical analysis tools

• Interactive reporting

# Better process understanding

OMNITREND® Center is the powerful central software platform for condition monitoring systems. The software contains everything maintenance experts need for complex machine diagnostics: Efficient data management, intensive measured data analysis, and comprehensive reporting functions.

Clearly structured program sections and a well arranged user interface offers a pleasant work environment, for every user. Intelligent, dialog-supported user guidance fully meets the high demands of latest-generation condition monitoring software.



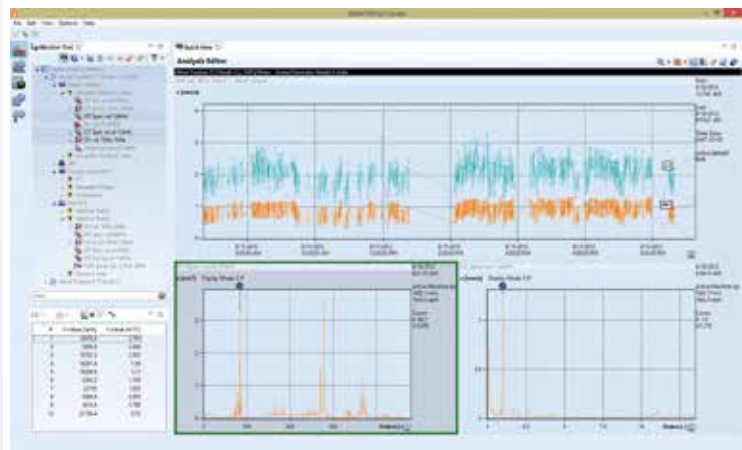
## OMNITREND® Center at a glance:

- ▶ Simple and clear status display of the monitored systems and machines
- ▶ Interactive reporting function in HTML format with links to findings, work instructions, and measurement results
- ▶ Tools for dependency comparison of different measured values (X/Y plot, 3D waterfall chart)
- ▶ Simplified monitoring strategy implementation using knowledge-based machine templates
- ▶ Simple navigation in large machinery parks using intelligent search filters in the machine tree (interactive tree)
- ▶ Advanced Modbus support, central access to current CMS data, and simple integration into system control
- ▶ Ideal for distributed networks and cloud-based solutions

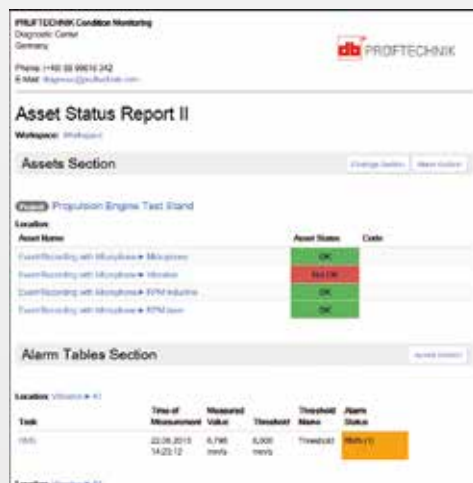


Alarm status report displays critical machine conditions

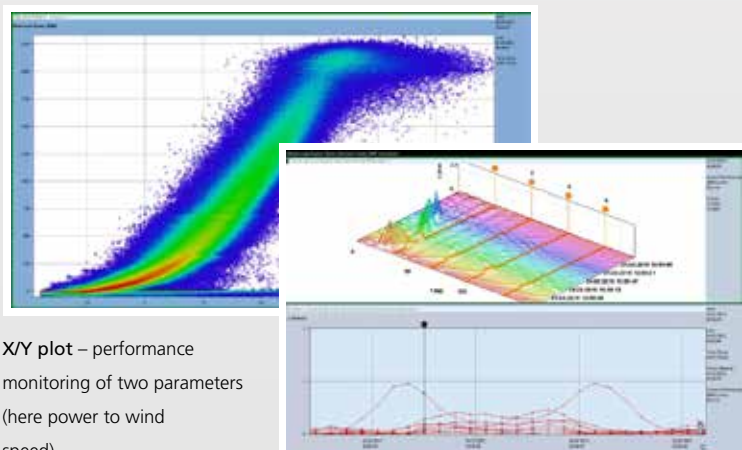
# More efficient system operation



Clear and comfortable – measurement result analysis



System status report displays the current system status



X/Y plot – performance monitoring of two parameters (here power to wind speed)

## All Advantages of OMNITREND® Center

- ▶ Single user and client server versions
- ▶ Central data management
- ▶ Modern system architecture – ideal for distributed networks and cloud-based solutions
- ▶ Flexible user administration – supports individual access rights
- ▶ Intuitive, simple operation with setup wizard
- ▶ "To Do" lists for task distribution and action-related system notifications
- ▶ Practical analysis tools: 3D waterfall, multiple cursor families, frequency markers, trend forecast, X/Y plot, statistics, and post-processing
- ▶ Kinematic model for machine frequency calculation – also for complex aggregates
- ▶ Data analysis taking into account up to six operating conditions
- ▶ Multi-screen operation: Data analysis for up to six operating conditions program windows can be distributed to several monitors
- ▶ User interface available in many languages
- ▶ OMNITREND® Center is compatible with VIBGUARD®, VIBROWEB® XP, VIBRONET® Signalmaster, and VIBXPERT®

3D waterfall chart with separate cursor trend enables fast analysis of resonance effects



# PRÜFTECHNIK

## proven technology for all industries

With our products, processes, and services for condition monitoring and availability optimization of machines and systems, we help ensure that your machines run smoothly and generate an output of consistently high quality. This also includes

systems for automatic process control and quality assurance that are integrated directly into your production systems and detect faulty parts during operation.

### PRÜFTECHNIK delivers solutions in the following areas:



#### Alignment Systems

Laser measurement systems and services for optimum alignment of machines and systems



#### Condition Monitoring

Vibration measurement systems for machine and system condition monitoring – including services such as machinery fault diagnosis.



#### Nondestructive Testing

Systems and services for quality assurance and process control in production of semi-finished goods.



#### Service & Support

We offer professional services anywhere in the world to support our customers with alignment and condition monitoring.



Known consignor in air cargo transport with LBA registration

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