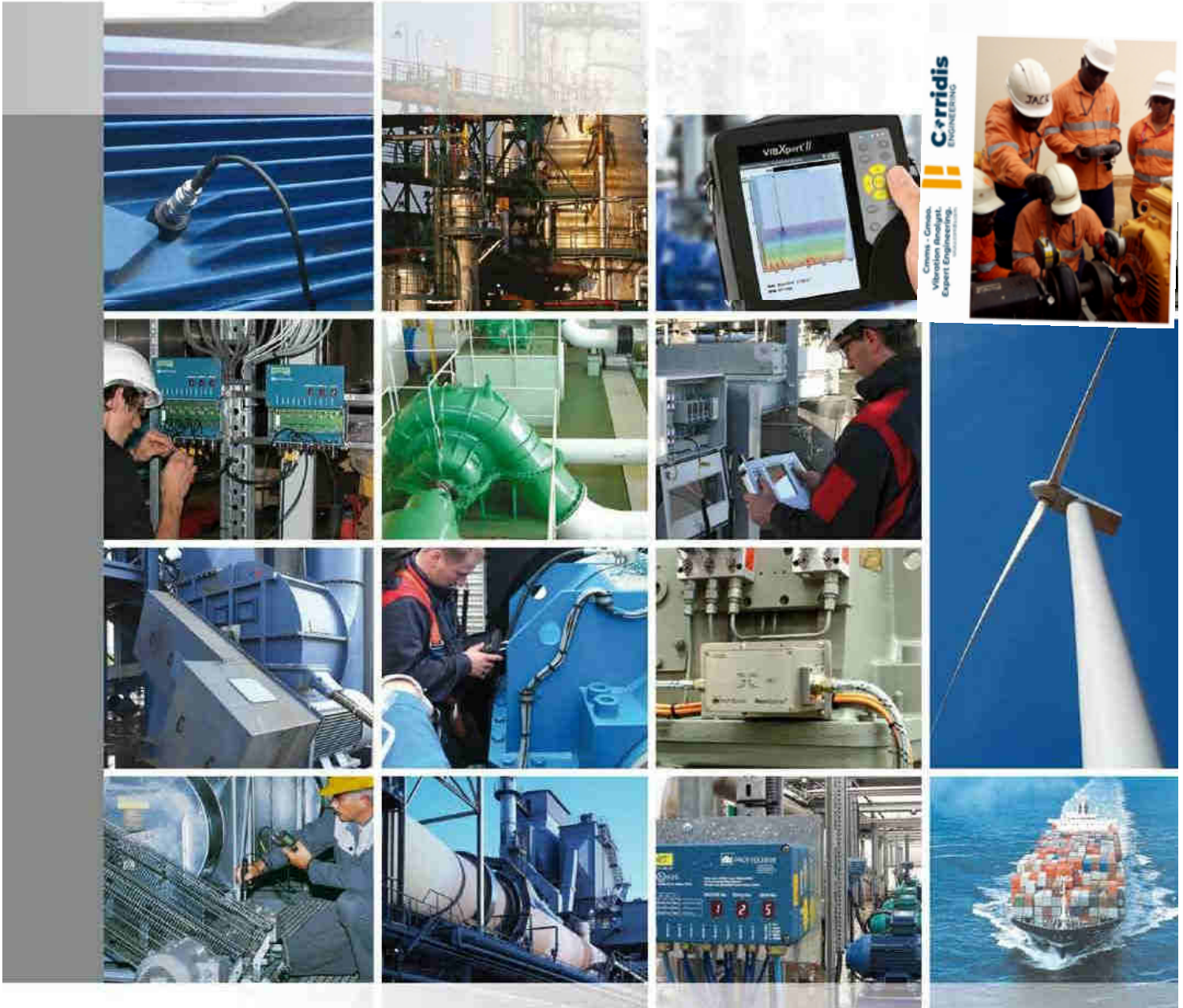
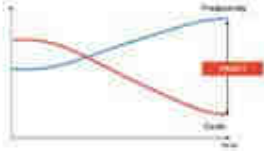




#CONDITION MONITORING #ROTALIGN TOUCH TRAINING
#LASER ALIGNMENT TRAINING #CMMS-GMAO #MX



Products & Services



Professional solutions

Unscheduled downtime puts a dent in your productivity, operating results and costs. You can rely on condition-based maintenance (CbM) to keep your systems producing.

PRÜFTECHNIK Condition Monitoring supports you with innovative products and expert service.

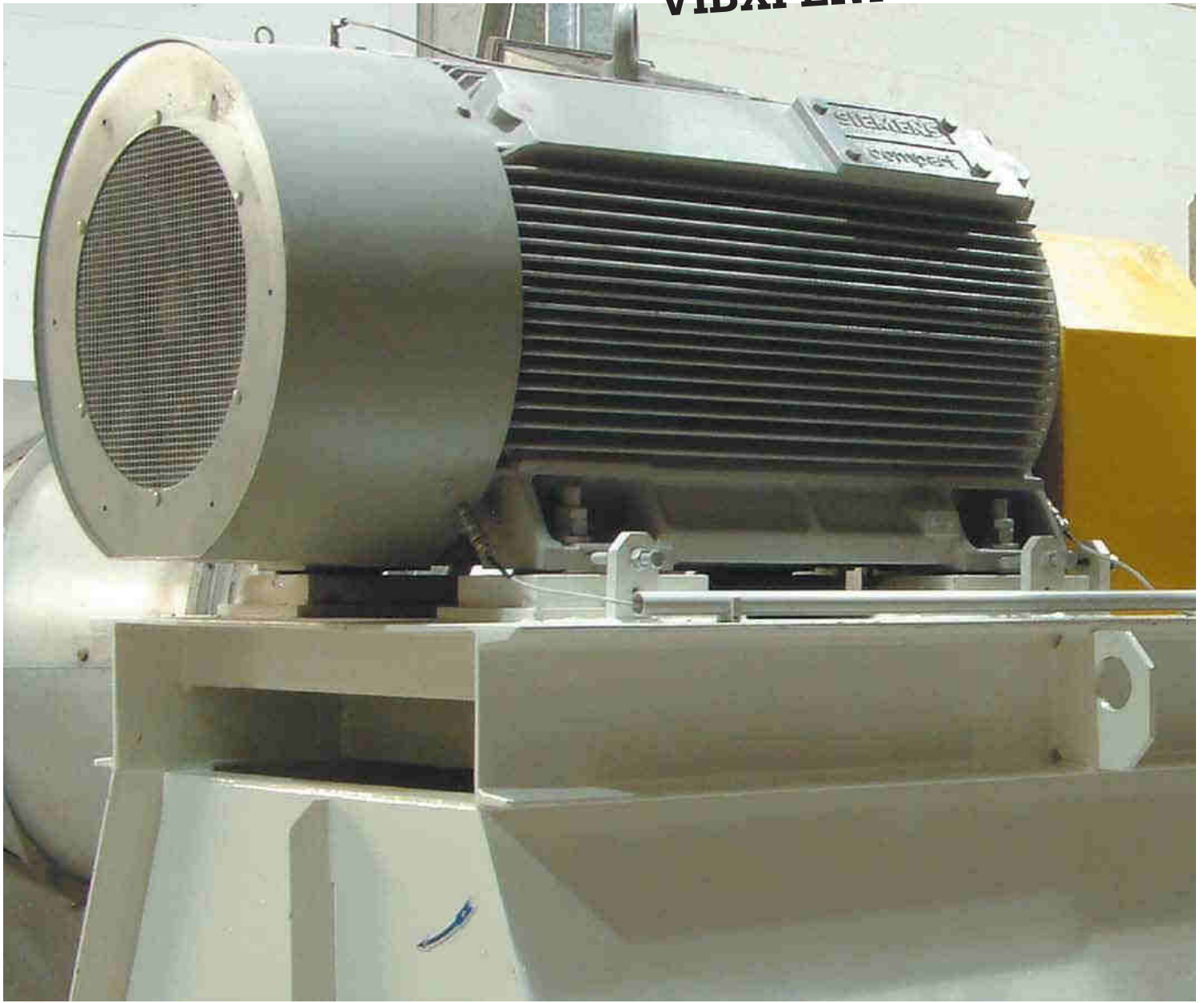
#CONDITION MONITORING
#ROTALIGN TOUCH TRAINING
#LASER ALIGNMENT TRAINING
#CMMS-GMAO #MX

Your benefits:

- ▶ Reduced rate of machine failure
- ▶ Reduced downtime and fewer interruptions in production
- ▶ Smooth production process
- ▶ Improved system availability and productivity



VIBXPERT 3 Balancer



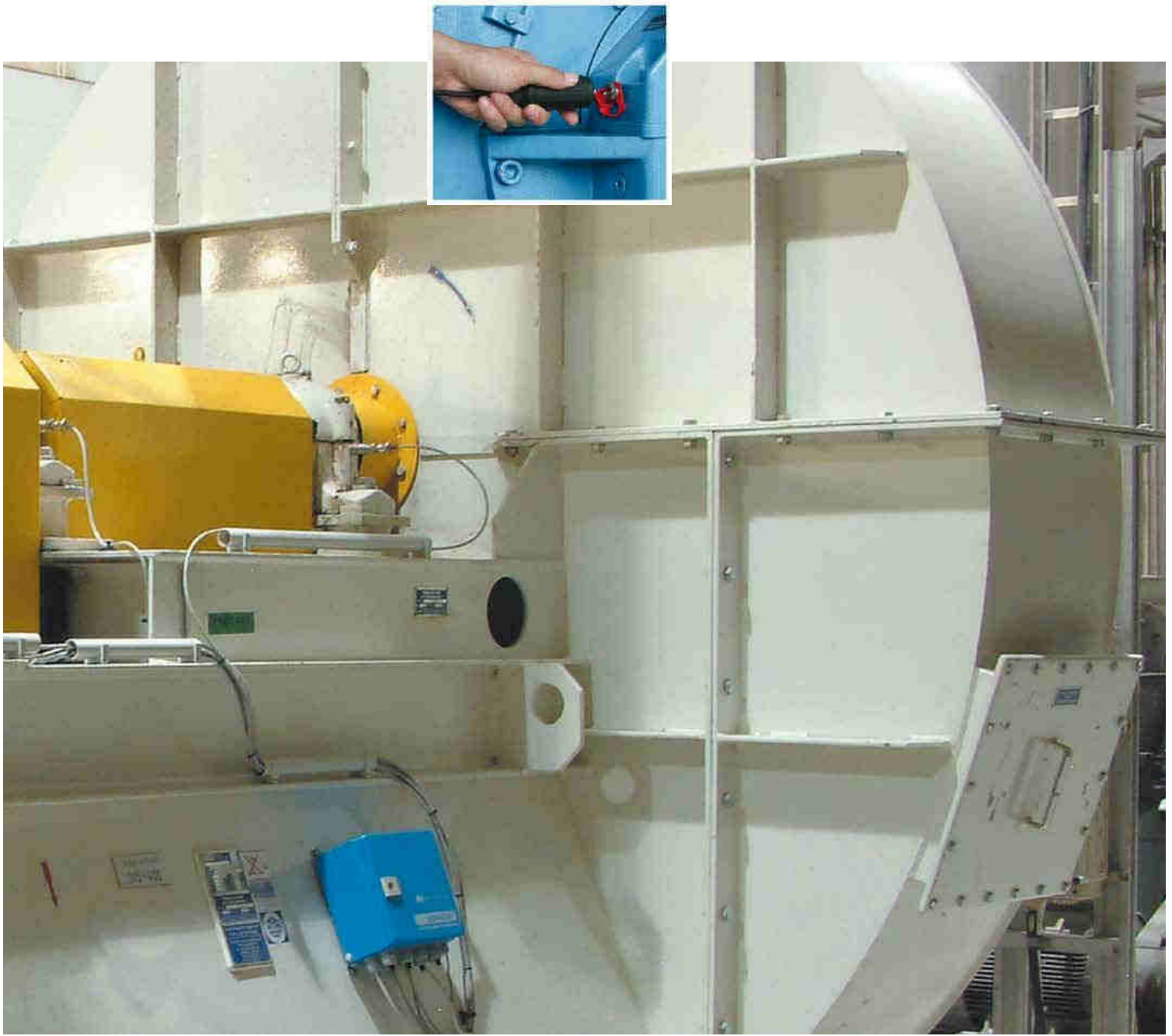


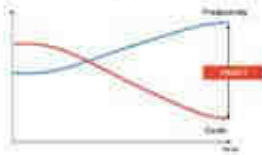
for machine monitoring & machine protection

Everyone involved in maintenance has heard of 'condition monitoring'. Condition monitoring means that every machine is regularly subjected to a 'health check' – normally with a vibration inspection: in the simplest case, the measurement instrument used to perform this check provides a numerical value that can be compared with a standard value to indicate the machine's state, Good - OK - Bad.

Production-critical machines as well as less critical machines, large and small industrial plants, discrete and distributed plant locations, operators and service providers: each require their own special monitoring strategy with customized condition monitoring solutions.

These pages provide an overview of the PRÜFTECHNIK product and service range.



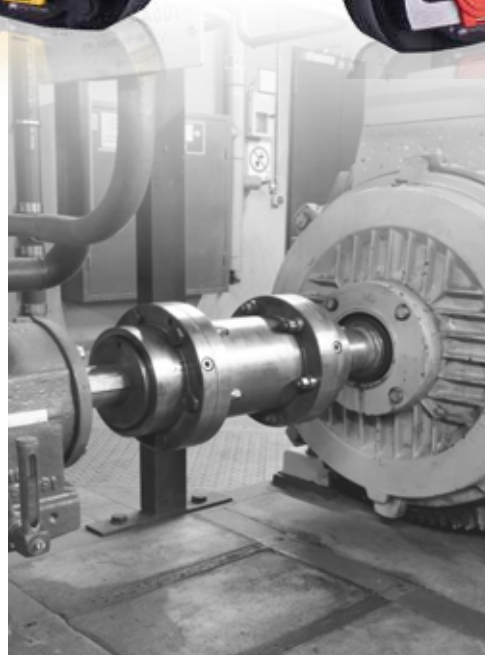


ROTALIGN[®] touch

Unrivalled precision alignment

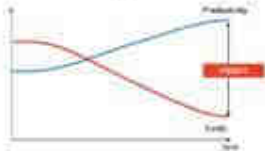
OPTALIGN[®] touch

Setting the benchmark for solving common alignment problems



Alignment seminar Level 1

Introduction to the fundamentals of alignment in relation to housings, structures, machines and machine trains with practical applications based on the GEO Center software



Product Overview

VIBXPERT® II – Advanced one- or two-channel FFT data collector, signal analyzer, balancer and data recorder.



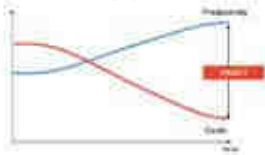
VIBXPERT® Ex – Approved for use in explosive environments.



VIBXPERT 3 Balancer

VIBCODE® – Vibration transducer with automatic measurement point identification for all systems – guarantees consistently reproducible measurement results, regardless of who takes the readings



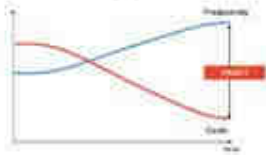


Online monitoring & machine protection systems

Permanently installed measurement systems monitor production-critical machines around the clock. Ideal for machine trains with high downtime costs, high failure probabilities or rapid damage progression.

Fault messages are automatically sent to the operator via eMail, SMS or Process Control System.





Product Overview

VIBNODE® – Entry level solution for frequency-selective monitoring of standard machinery (motors, pumps, fans, simple gears, ...)



VIBROWEB® XP – Monitoring of critical machine trains with only a few measurement locations (low speed gears, compressors, wind turbines...)



VIBRONET® Signalmaster – Frequency-selective monitoring for systems that are distributed over a large area (conveyor belts, pumping systems, ...)



VIBCONNECT® RF – Wireless monitoring system with autonomous energy supply - perfectly suited for distributed facilities.

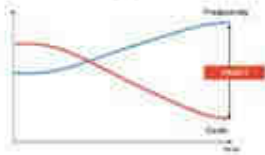


VIBROTECTOR® – Vibration transmitter for a single measurement location (4-20 mA; ISO 10816-3).



VIBREX® – 1 or 2-channel monitoring system for vibration and roller bearing conditions.

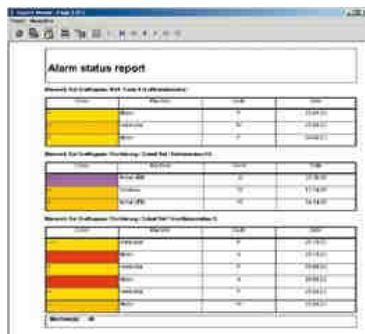




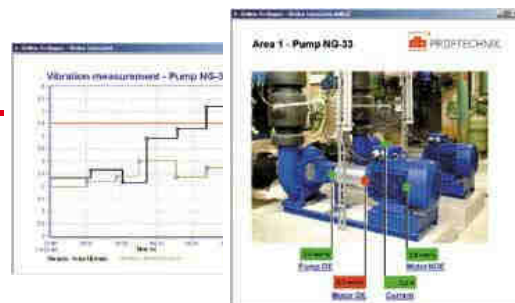
OMNITREND® suite – the common PC platform

OMNITREND® is the software for all data collectors and online monitoring systems from PRÜFTECHNIK. OMNITREND® is used to program measurement tasks and to evaluate, archive and document mea-

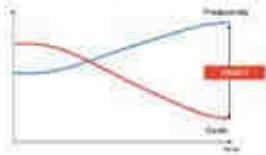
surement results for the identification of equipment faults – in conformance with ISO standards.



WebReport – Creates customizable reports for analyzing machine conditions. Color-coded alarm classes in the status report identify machine problems at a glance.



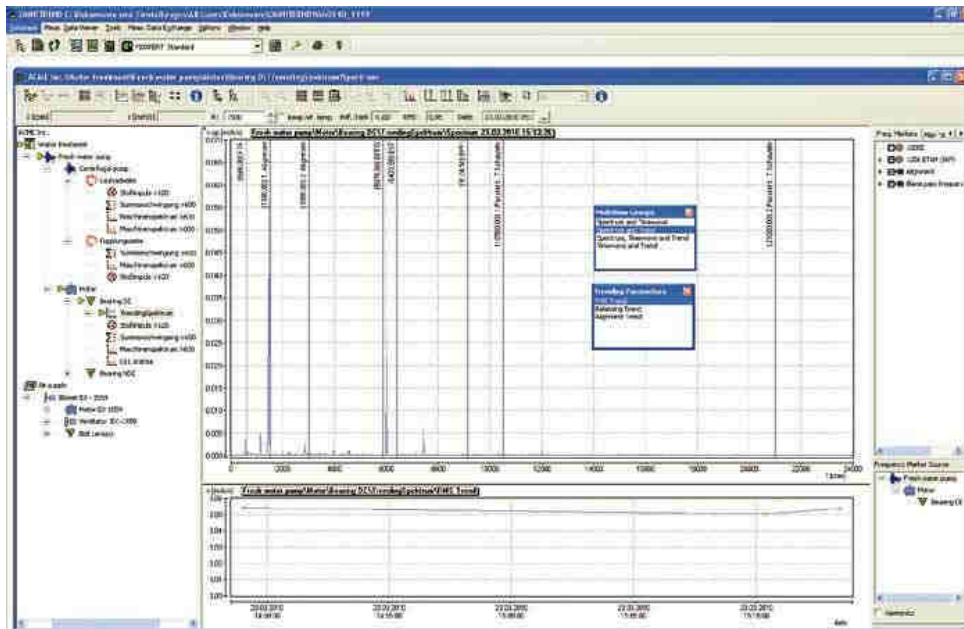
Online View – Visualizes measurement data from online systems and machine conditions in real time.



Software Overview

OMNITREND® – The network capable multiuser PC software saves measurement data in a database, arranges routes for data collection and visualizes

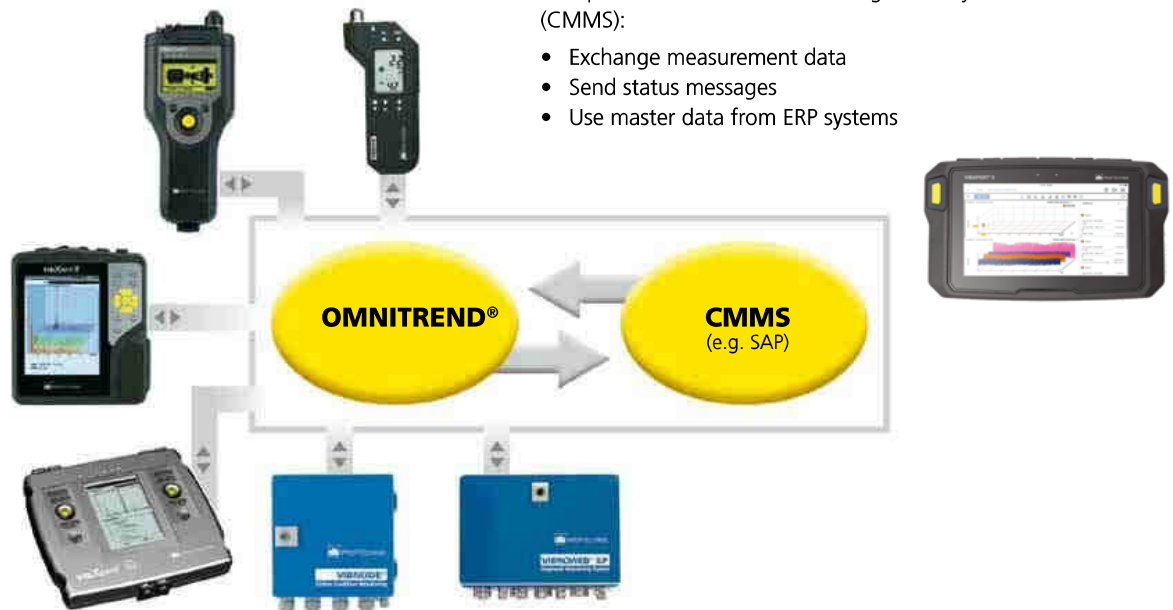
the results in easy-to-read diagrams. Practical tools support data evaluation and documentation.



Data exchange

Data exchange between OMNITREND® and a Computerized Maintenance Management System (CMMS):

- Exchange measurement data
- Send status messages
- Use master data from ERP systems

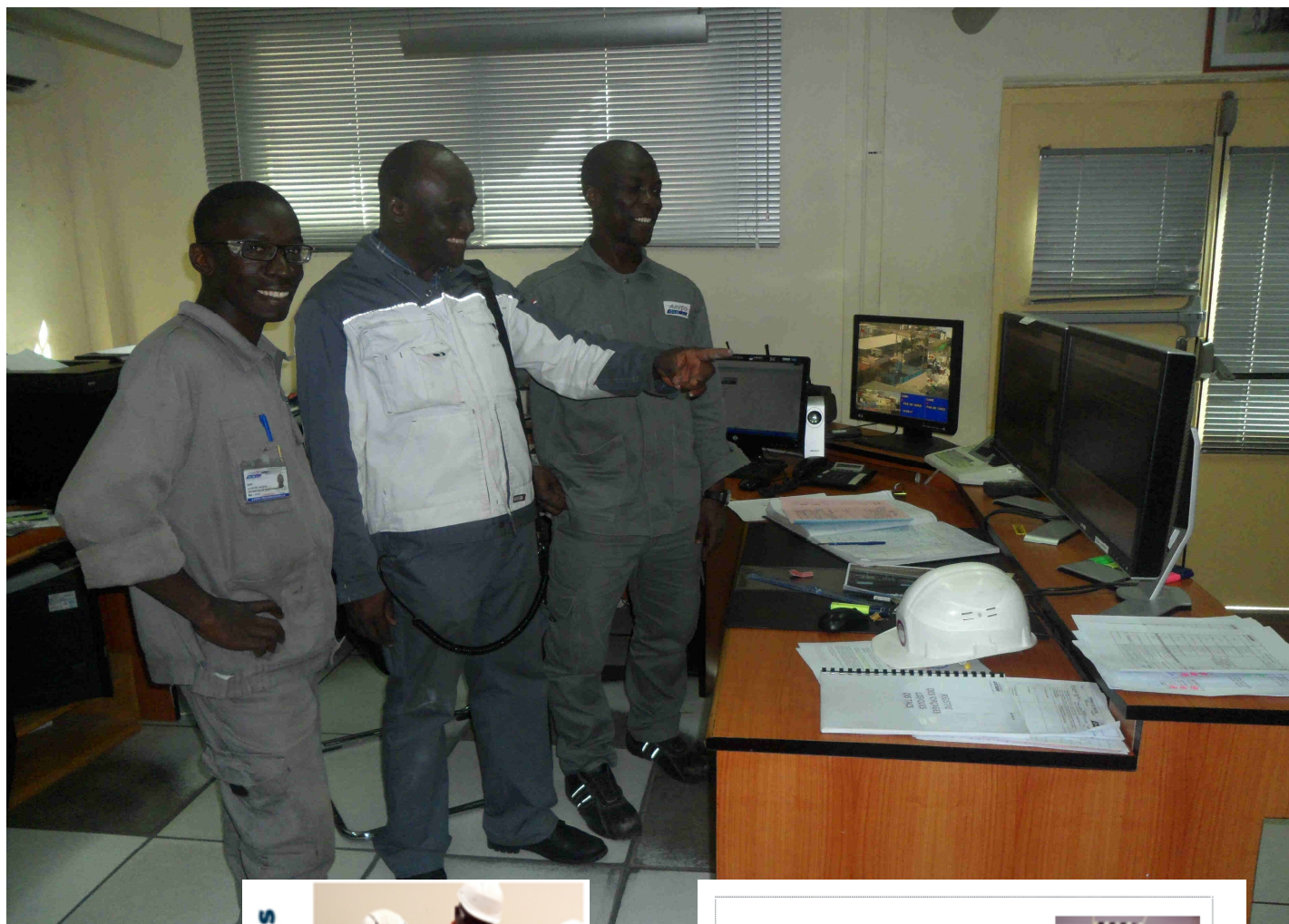




Service & Diagnostic Center

Machines are often complex and require professional testing expertise in all phases – from installation to maintenance. PRÜFTECHNIK Machinery Service offers worldwide alignment and condition monitoring services including telemonitoring services by its certified Monitoring Center.

Innovative testing equipment and methods achieve greater geometric precision and enable vibration analyses that can significantly increase machine availability, promote early damage detection, abbreviate the troubleshooting phase and thus save on costs.



Inhouse dates and additional dates

We offer all of the seminars stated above, as well as other seminars tailored to your individual needs, as in-house seminars at your place of business on request. Please get in touch with us should you be interested. Depending on demand, we will also offer additional dates or remote seminars for the seminars mentioned above.

An up-to-date list can always be found at:
www.pruftechnik.com/seminare





Services Overview

Balancing – Reduction of unallowably high vibration loads by means of 1, 2 or multiplane balancing under operating conditions.



Installation and maintenance – Selection and installation of measurement locations, introduction of vibration measurements and comprehensive system maintenance for online systems.



Functional machine testing – Acceptance measurements, noise analyses or torque measurements for determining effective loads.



Evaluating machine conditions – Mobile vibration diagnosis, telemonitoring and telediagnosis, inspection and evaluation.



Troubleshooting – Machine analyses, temporary telediagnosis service (TTS), load analyses, geometric analyses (alignment tolerances).



Training & consulting – CAT I, II oder III certified according ISO 18436, Inhouse seminars, start-up and follow-up service, introduction of alignment and condition monitoring programs.



Cmms - Gmao.
Vibration Analyst.
Expert Engineering.
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ENGINEERING



CORRIDIS GROUP INTERNATIONAL

Company established in 2006.

We are working to ensure that maintenance remains a factor of growth and development.

African leader in "CMMS" maintenance management with Micro, Mini, Maxi Maint, axel, CORRIDIS "Engineers of Africa" bases its dynamism on a selection of experienced engineers certified and engaged engineers. Overall presence in more than 10 countries.

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Condition Based Maintenance
«Reliability Maintenance Lab»

CORRIDIS IS PRÜFTECHNIK Condition Monitoring Representative In West Africa