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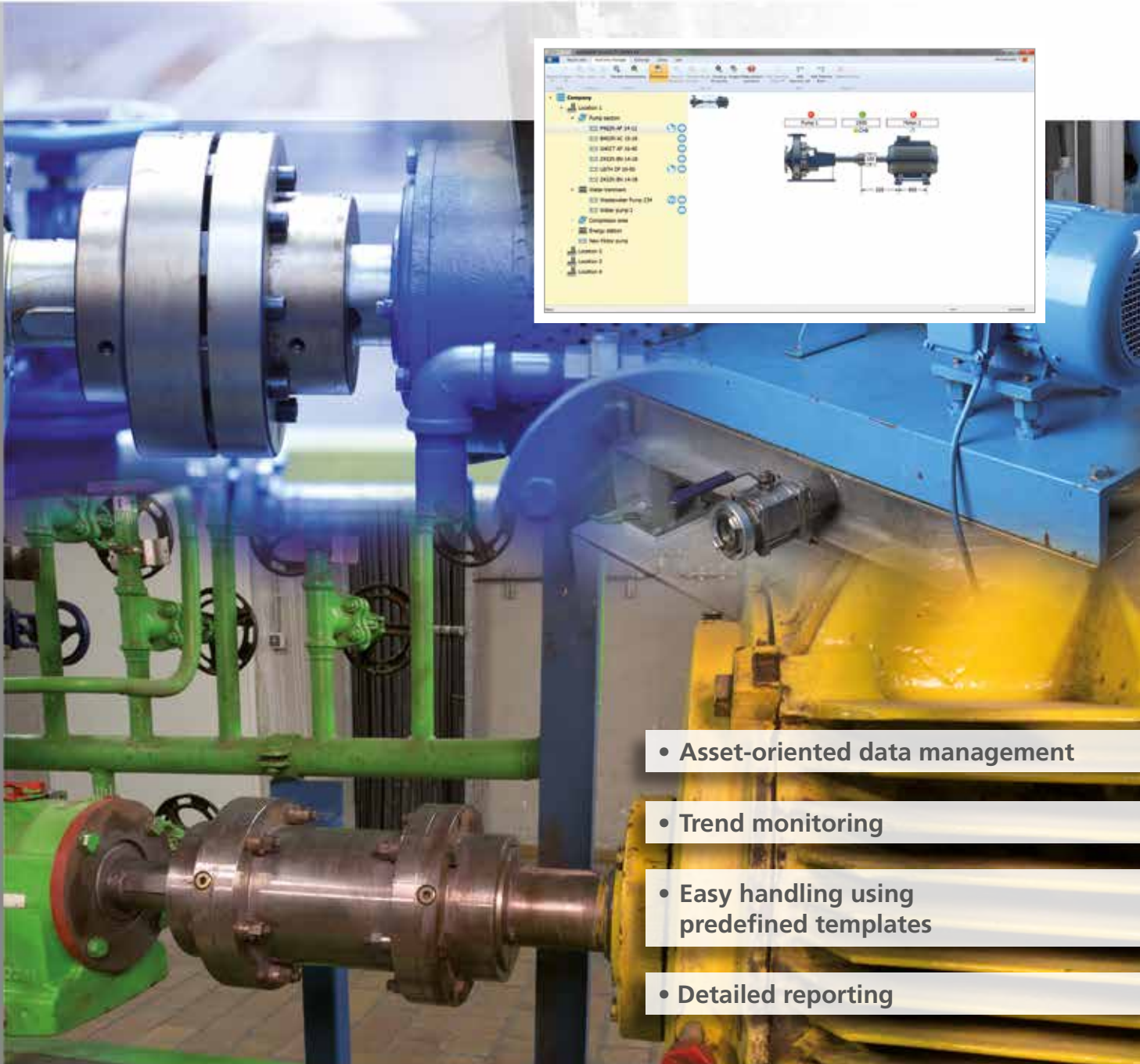
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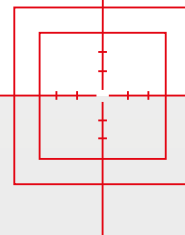
# ALIGNMENT RELIABILITY CENTER 4.0®

Alignment as Part of your Condition Monitoring Strategy



- Asset-oriented data management
- Trend monitoring
- Easy handling using predefined templates
- Detailed reporting

# ALIGNMENT RELIABILITY CENTER 4.0®



ALIGNMENT RELIABILITY CENTER 4.0® (ARC 4.0) is the central location for managing machine measurement data. Using ARC 4.0, companies can map and manage entire facilities. Measurement results are saved under each specific asset within a facility. This ensures that all measurements performed are available at any time for every asset as measurement history (trend) and as detailed reports for analysis purposes.

ALIGNMENT RELIABILITY CENTER 4.0® is compatible with:

ROTALIGN® touch	OPTALIGN® smart
ROTALIGN® Ultra	OPTALIGN® smart RS
ROTALIGN® Ultra iS	OPTALIGN® smart RS5
ROTALIGN® smart EX	OPTALIGN® smart EX
	SHAFTALIGN®



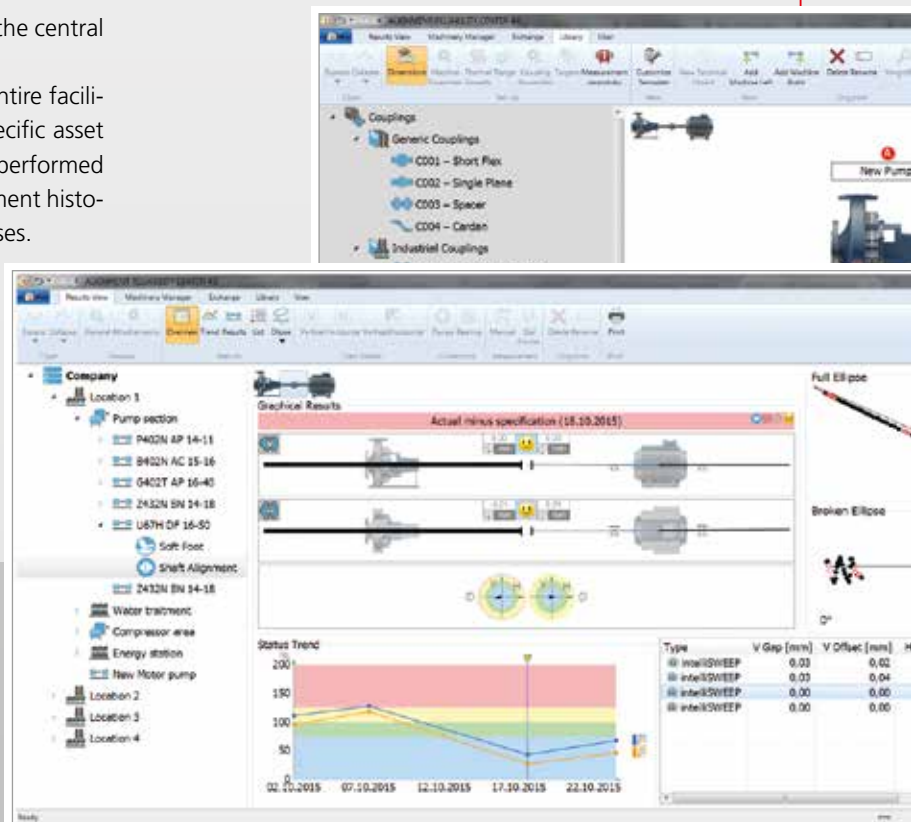
**ALIGNMENT**  
RELIABILITY CENTER 4.0

## Monitoring the alignment condition over time

ALIGNMENT RELIABILITY CENTER 4.0® is more than pure logging of the individual measurement results. Instead of snapshot reporting, the software is the ideal solution for managing the measurement results of an asset and tracking the alignment condition in a graphical trend chart. Based on the trend curve, the maintenance manager stays up to date and can initiate targeted measures.

## Central generation, distribution, and administration of alignment jobs

ALIGNMENT RELIABILITY CENTER 4.0® is well suited for large companies with decentralized sites, maintenance teams, and service companies. Using ARC 4.0 maintenance service providers can configure their jobs differently depending on the facility and job itself, whereby all jobs are managed in a central place.



Asset measurement overview with trend

## Templates for tolerances, assets, bearings, measurement modes, and reports

A library with editable templates for assets, couplings, tolerances, measurement modes, and reports, as well as automatic suggestions of measurement types for different bearings make alignment more than convenient. Using additional tools, maintenance technicians can calculate a recommended measurement period/frequency for machines.

## Brand new user interface

The software has been redeveloped from scratch. Using a clear, new design and a more user-friendly interface, measured data can now be exchanged and analyzed even more easily to obtain insight in the status of machines and assets.

# Stay in control of your assets!



## Further advantages of ALIGNMENT RELIABILITY CENTER 4.0®

- ▶ Uncomplicated data exchange by USB, Wifi, Bluetooth®, Cloud (depending on the measurement device)
- ▶ Powerful reporting function
- ▶ Machinery configuration
- ▶ Asset-oriented storage of all measurement data as trend
- ▶ SQLite database for very large storage capacities
- ▶ Undo function
- ▶ Input and consideration of bearing type when selecting the measurement type
- ▶ Easy data import/export from ALIGNMENT CENTER®

### SHAFTALIGN®



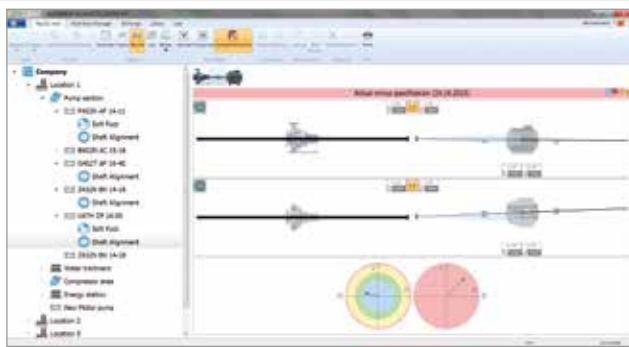
### OPTALIGN® smart



### ROTALIGN® Ultra



### ROTALIGN® touch



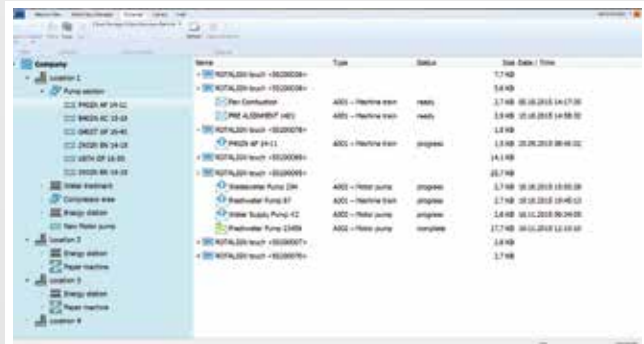
Detailed view of coupling and foot values, including axial view in the result screen



Overview of an asset within the facility in the tree structure



Calculation of the recommended measurement frequency for an asset



Exchange of measurement data with the device

# PRUFTECHNIK

proven technology for all industries

With our products, processes and services for alignment applications, condition monitoring and availability optimization, 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 in your production process.

## PRUFTECHNIK delivers maintenance solutions worldwide



Alignment Systems



Condition Monitoring



Nondestructive Testing



Service & Support

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

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

Systems and services for quality assurance and process control in production.

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



Approval of Air Carrier  
Security Programs

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