

Condition Monitoring SIPLUS CMS

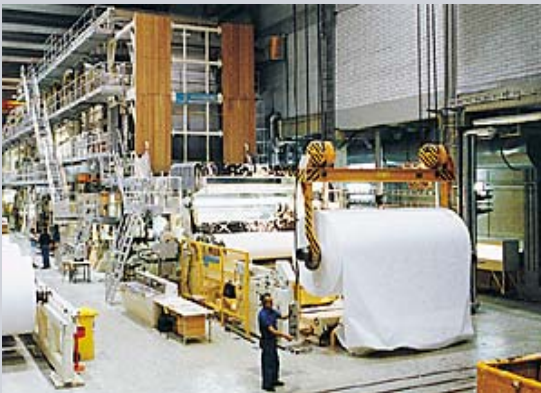
Intelligent maintenance ensures
sustainable investments



Condition Monitoring SIPLUS CMS

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SIPLUS CMS represents a platform which ensures vibration monitoring and quality data recording for individual or numerous machine components within a system or machine.



Condition Monitoring SIPLUS CMS

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- You want to avoid unpleasant surprises involving downtimes and associated costs?
- You want to know...
 - ...how your system is doing?
 - ...about the mechanical wear on your machine?
- Are you looking for assured investment protection?

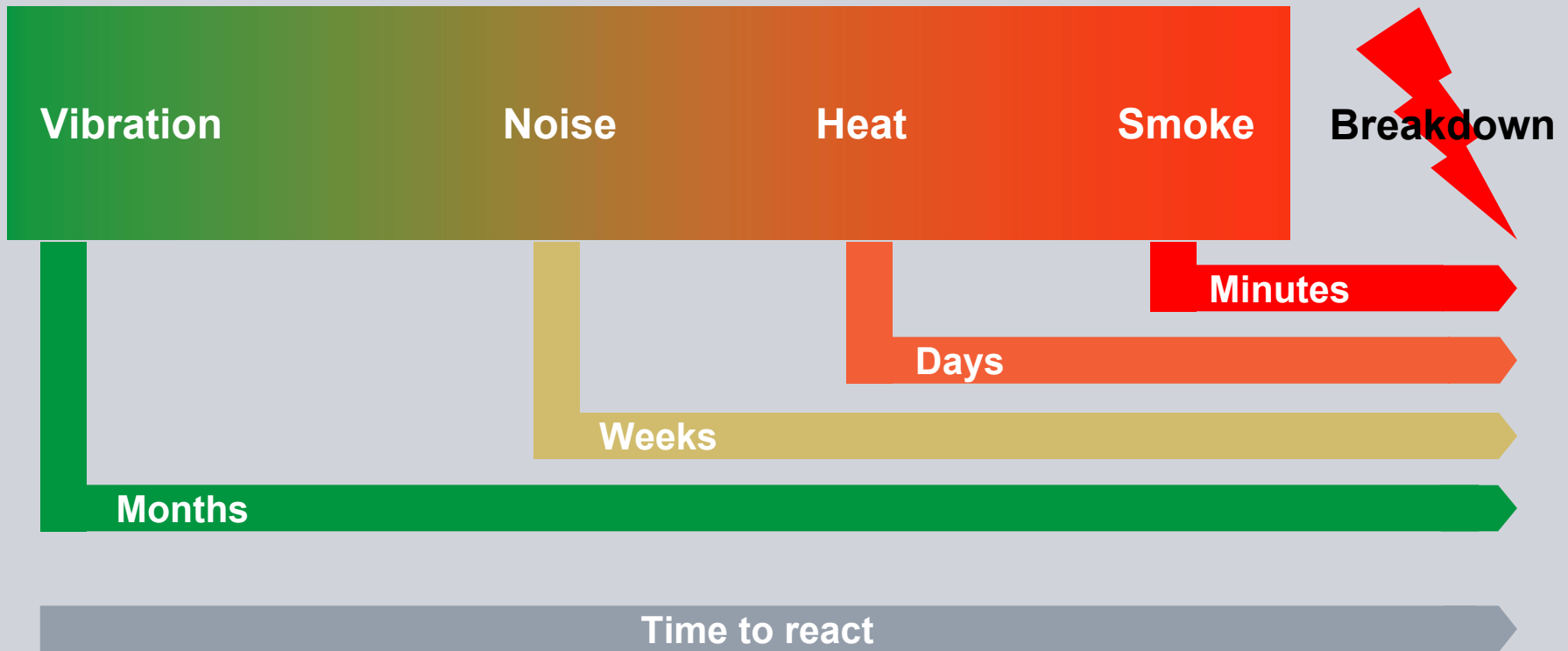


➔ Then opt for a far-sighted solution and increase the availability of your machines and plants - with SIPLUS CMS.

Our Condition Monitoring System SIPLUS CMS facilitates detection of damage to machinery and equipment early on and allows targeted maintenance planning.

How Can Mechanical Components be Monitored?

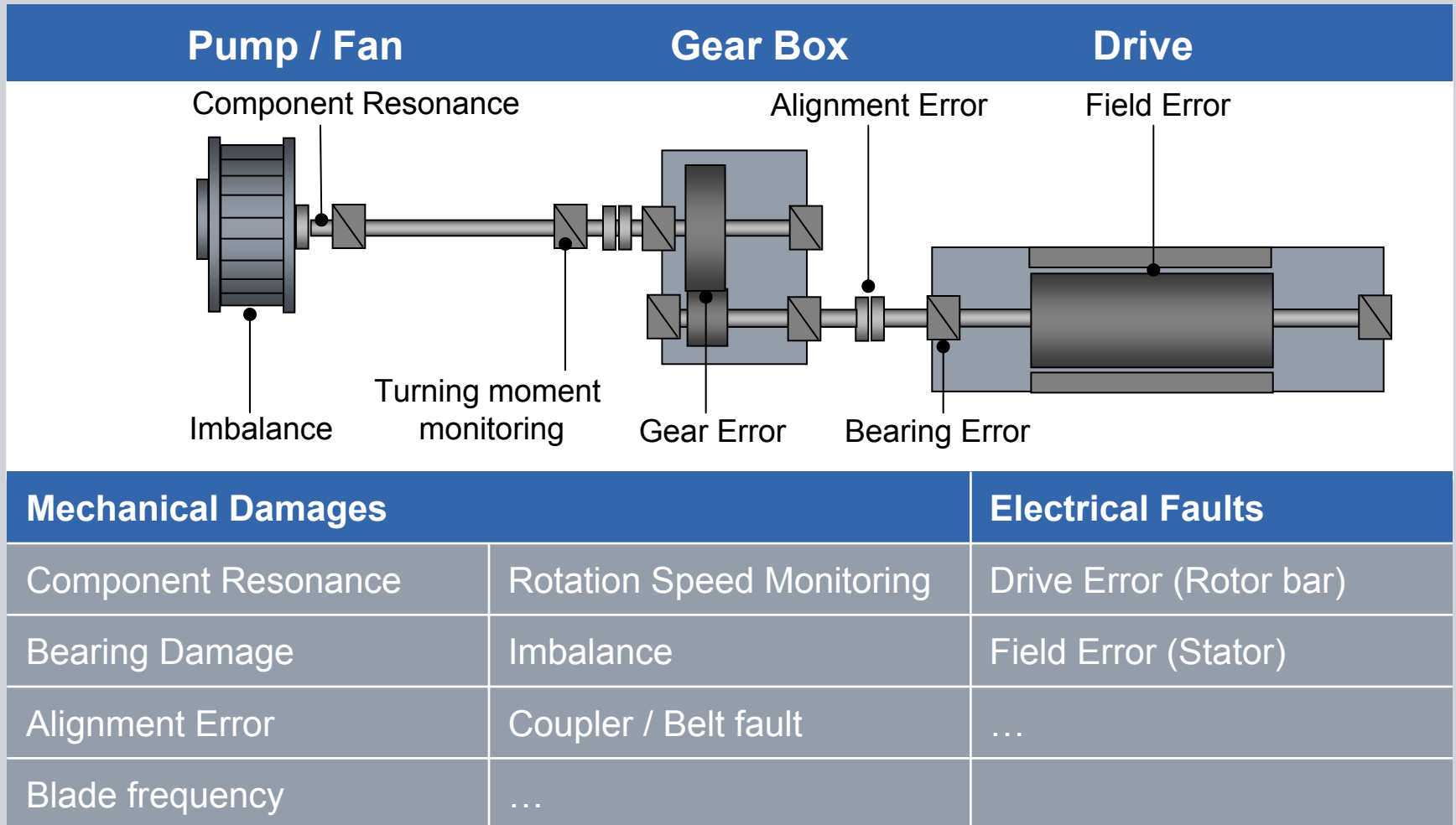
Machine state



**Vibration Monitoring with SIPLUS CMS –
the most reliable method for the early detection of mechanical damage**

SIPLUS CMS

Detectable Damages



SIPLUS CMS Product portfolio

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SIPLUS CMS1000



Compact

- Easy Applications
- Easy Tasks
- Stand Alone

Basic analysis

SIPLUS CMS2000

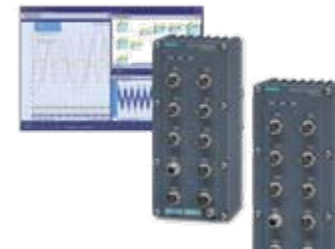


Modular

- Easy Applications
- Extensive Tasks
- Stand Alone
- Easy Integration

Basic analysis
Standard analysis

SIPLUS CMS4000



Projectable

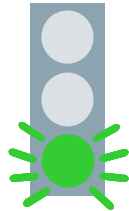
- Demanding Applications
- Complex Tasks
- Stand Alone
- Easy Integration

User-specific analysis

SIPLUS CMS Analysis Methods

SIPLUS CMS1000

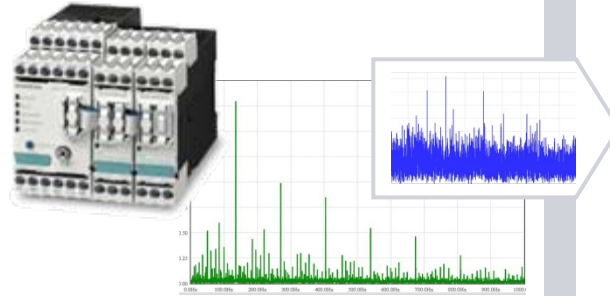
Basic analysis



- Characteristic value monitoring
 - Machine vibration
 - Bearing
- Easy to display

SIPLUS CMS2000

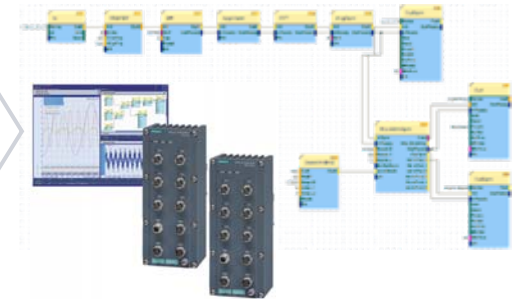
Basic analysis
Standard analysis



- Frequency selective Diagnostic
- Temperature monitoring
- Trend analysis
- Displayed via
 - Traffic light
 - Integrated message system
 - Spectrum-View via Browser

SIPLUS CMS4000

Configurable analysis
Detailed evaluations
Data recorder



- Freely configurable analysis models
- Know-How-Protection
- Process data recording via
 - Function Blocks
 - Profibus-Spy
- Displayed via
 - Traffic light
 - Integrated message system
 - Spectrum-view in CMS X-Tools

SIPLUS CMS

Advantages at a glance

SIPLUS CMS Portfolio



- Compact and easy to use
- Modular and configurable
- Projectable and powerful

| Lower costs | More efficiency | Better planning |
|-------------------------|------------------------------------|--------------------------|
| Customized systems | Optimized utilization of resources | Higher productivity |
| Simple design | Effective spare part inventories | Longer life cycles |
| Easy system integration | Device diagnostics | Planned standstills |
| Open standards | Planned maintenance | Longer service intervals |
| Web Tools | Simple cabling | High availability |
| Expandibility | Ruggedness/stability | Investment protection |

Your Investment in SIPLUS CMS ...

- ✓ Permanent monitoring for machine protection
- ✓ Effective monitoring of important processes and systems
- ✓ Assured energy efficiency through optimum bearing play
- ✓ Early detection of damage
- ✓ Planned maintenance instead of spontaneous repairs
- ✓ Reduced maintenance costs
- ✓ Increased system availability
- ✓ Optimum utilization of the power units' service life

... pays off!

Further information on SIPLUS CMS, e.g.:

- Brochures
- Manuals
- Data sheets
- FAQs
- Product-related slide sets

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Automation Technology | Deutsch | Contact | Site Exp

> Automation Technology > Products for specific requirements > Condition Monitoring

Condition Monitoring – Intelligent maintenance ensures sustainable investment

Overview | SIPLUS CMS1000 | SIPLUS CMS2000 | SIPLUS CMS4000

Technical Features | Images | Information material | Software

Condition Monitoring

Intelligent maintenance ensures sustainable investment

- ✓ Permanent monitoring of machine and plant states
- ✓ Used worldwide - in the service of productivity
- ✓ Energy efficiency - through predictive maintenance
- ✓ Convincing advantages at a glance
- ✓ SIPLUS CMS System

Permanent monitoring of machine and plant states

High system availability is the most effective lever for increasing productivity. The less downtime, the better. This is why it is important to identify potential sources of error early and to perform scheduled maintenance at the right time within the production cycle.

Our SIPLUS CMS Condition Monitoring Systems are ideal

Text Size | ISHRC |

Product information

- > Newsletter
- > Catalogs and Brochures (Information material)

Selection and Ordering

- > Industry Mall (Online Catalog)
 - SIPLUS CMS1000
 - SIPLUS CMS2000
 - SIPLUS CMS4000

Technical Data and Documentations

- > Service & Support-Portal (Updates, Certificates, Characteristics, Datasheets etc.)
- > CAx-Online-Generator (2D, 3D, EPLAN Macros, etc.)
- > MyDocumentationManager (Customized Manuals)
- > Manuals and Operating instructions

Need some assistance?

- > Support Request
- > Technical Forum
- > FAQ

On the internet

- www.siemens.com/siplus-cms

Support



Online: www.siemens.com/automation/service&support
Phone: +49 (0) 911/895-5900 (8°° - 17°° CET)
Email: siplus-cms.industry@siemens.com

Training



SITRAIN: www.siemens.com/sitrain
SIPLUS CMS2000: currently being prepared
SIPLUS CMS / X-Tools: course on request

Thank you for your attention!

