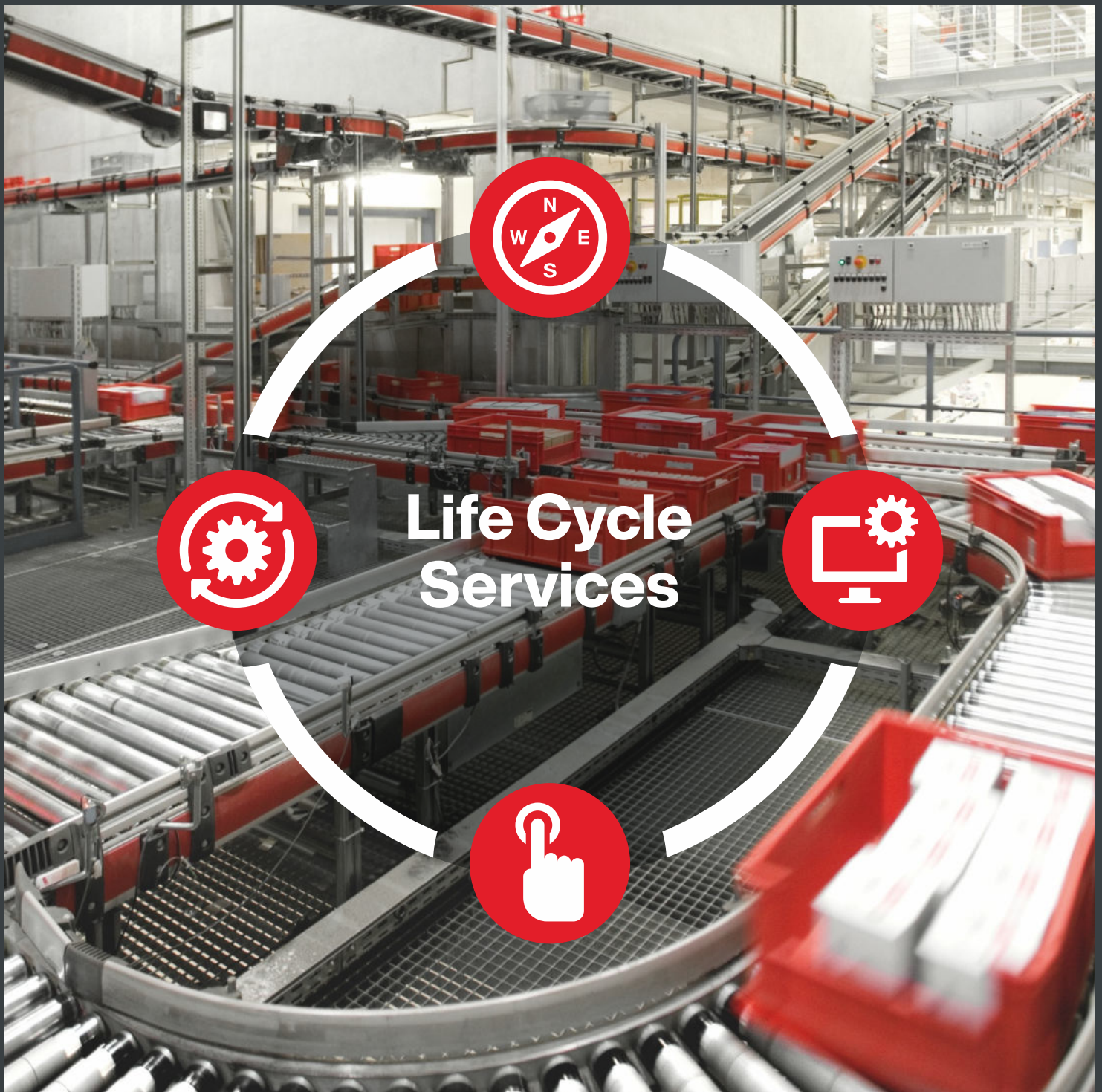


Life Cycle Services

Good partners are there for you,
even when things are going well.



An introduction

SEW-EURODRIVE

Your reliable partner in drive technology

Worldwide presence

SEW-EURODRIVE has been a supplier of drive technology for over 90 years and is the leading global company in this field. Today, SEW-EURODRIVE is present in 55 countries, with 17 own manufacturing plants and 91 Drive Technology Centres, all of which offer an extensive range of services. Collectively, about 21,000 employees around the world are moving to address our customers' requirements and optimize their processes.

Versatile and powerful product portfolio of SEW-EURODRIVE are built on a unique modular concept, making it possible to assess and deliver the precise configuration to suit any application quickly and easily. They are the benchmark for quality, reliability and versatility.

The legendary SEW reliability and ruggedness are built into these products and they have been working in demanding applications across industries all over the world.

In India for over 25 years

SEW-EURODRIVE serves its customers in India, Bangladesh, Sri Lanka and Nepal through strategically located Drive Technology Centres (DTC) in Vadodara, Chennai, Pune and the NCR. All major components of the modular system are developed and manufactured in SEW-EURODRIVE production plants in Germany, using state-of-the-art facilities and stocked at the DTC. The customer's application is studied by our trained and experienced engineers and the configuration that best suits the application is finalised. This configuration is then assembled and delivered by the closest DTC. The modular concept, large assembly plants, adequate inventory and good logistics management allow us to serve our customers in the subcontinent in a very short time.

1



2

3

- 1 DTC at Vadodara, India
- 2 DTC at Chennai, India
- 3 DTC at Pune, India
- 4 DTC at NCR, India

4

LCS

Life Cycle Services

Services throughout the entire system life cycle.

For us at SEW-EURODRIVE, Life Cycle Services encompass services, tools and resources throughout the entire system life cycle. This begins in the initial orientation phase and continues all the way through to the operation and modernization of your machinery and systems. No matter what point you currently find yourself in, we can help with our scalable and tailored solutions from a single source. As a good partner, this goes without saying for us – even when everything is going well.

A great idea with plenty of benefits

Everything from a single source

You receive services, tools and resources that are closely linked to our product portfolio – and all from a single source.

Reliability

You receive reliable, rapid assistance that ensures the reliability of your production processes.

Expertise and advice

You can build on expertise in drive and automation technology going back more than 90 years coupled with customized advice.



Orientation



Good partners show you what is possible.

This enables you to embark on the correct path.

We are at your side from start to finish. Together we will find the correct path and provide you with information that will help you make your decisions easier. And all of this before you even invest in new machinery, systems, components and services.

Inventory management

To ensure best possible planning in your inventory management of critical spares.



Training through the DriveAcademy®

'Training' is taken seriously at SEW-EURODRIVE. In this respect, customers and employees are treated with equal importance. We provide both ready-made and customized training packages to meet your individual needs and you may decide where the training takes place.

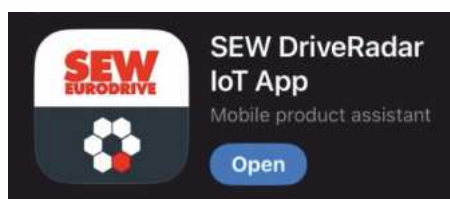


Your advantages

- Professional training from the manufacturer – Trainings are conducted in a professional manner by SEW-EURODRIVE trainers
- Wide range of training courses to suit a variety of needs
- Individual training courses tailored to your specific requirements can be arranged
- Trainings can be centralized or decentralized
- Training courses can be held at your location (upon request)

Support tools & resources

- [https://www.seweurodriveindia.com/en_gb/online_support/Spare part list](https://www.seweurodriveindia.com/en_gb/online_support/Spare%20part%20list)
- https://www.seweurodriveindia.com/company/seweurodrive_india_pvt_ltd/drive_academy_training/contentpage_with_marginal_column.html – Training modules
- SEW DriveRadar® IoT App - Smartphone App to get technical details at your fingertips
- Specialist team on PAN India basis



Installation & Startup



Good partners support you at the start.

To enable you to get up and running on time, cost-effectively and successfully.

We help you secure your system functionality through certified installation of the drive technology, optimize processes through tailor-made programming, lower startup costs and prevent consequential damage. Our service experts and easy-to-use tools save you time, money and nerves.



Installation consulting

For the correct mechanical and electrical installation of your drive technology.

With our project experience, you can shorten installation times and safeguard your system functionality. We are happy to provide support at every step, from inspecting the mechanical and electrical installation to complete project planning in relation to the drive technology.



Application programming

For the optimum use of your drive technology.

Tailor-made drive component software for your application enables you to make the most of all the advantages and functions.



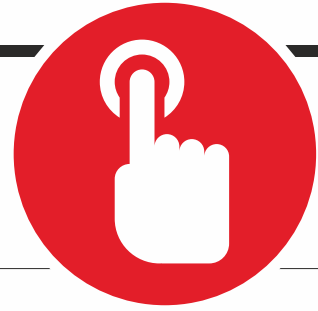
Startup

For maximum reliability and efficiency.

We start up all your drive technology, naturally taking account of current safety regulations, and set all parameters to optimum values. We are also happy for you to look over our shoulder to learn at the same time.



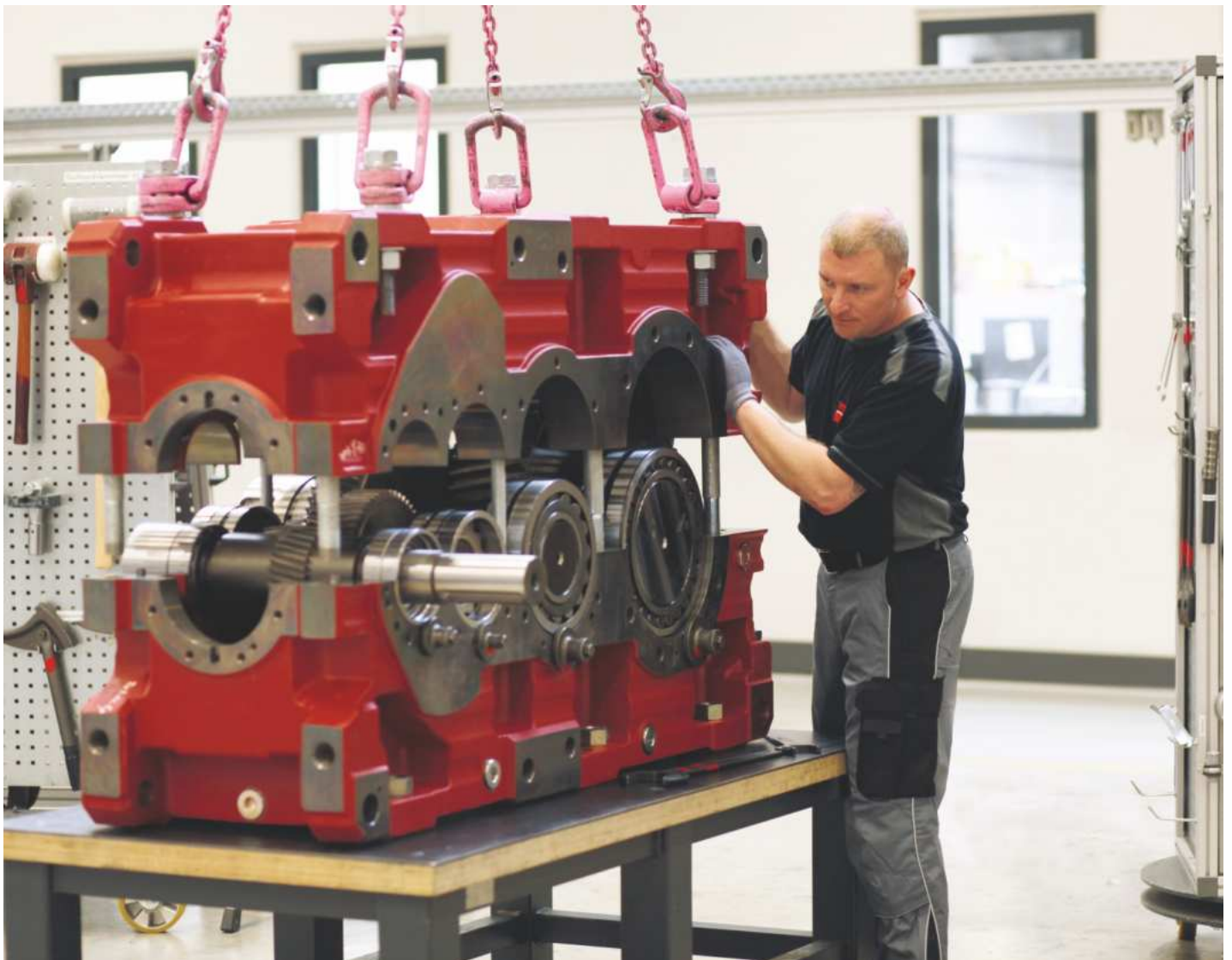
Operation



Good partners play their part every day.

To ensure your system operates reliably and efficiently – long term.

We take a close look and know how to cut costs and boost availability and productivity – fast, sustainably, and reliably. We know that the operation phase has a major impact on the life cycle costs of your machinery and systems.



Remote service

Remote access enables us to diagnose the current status of your drive technology and make an appropriate fault evaluation. All you need is an on-site computer with an internet connection.

Repair service

Emergency repairs, functional repairs and repairs all the way to as-new repair work with a 12 months warranty on the complete drive. And if things have to be done in a hurry, ask about our rush order repairs and our on-site service.

Inspection & maintenance

To increase your operational reliability and system availability, e.g. using thermography for gear unit diagnostics or using oil check for analysing gearmotor oil. We will happily check your entire drive technology in an existing system and give you a status report.

Spare parts service

We ensure immediate availability and provision of original SEW-EURODRIVE spare parts.

Pick-up & delivery service

Ensures the fast pick-up and delivery of your drive system. We can also take over the entire transport logistics.

Express assembly

We are generally able to assemble and deliver in a very short time, to meet your requirements.

Condition monitoring

Based on systematic determination of the condition of the drive and automation technology. This minimizes your production downtime e.g. with brakes diagnosis or vibration sensor. You receive the full range of services, from initial consulting and designing of the optimal analysis method all the way through to installation and diagnostics.

365 days service

Staffed by trained technicians and engineers. To provide technical information, arrange rush orders for repairs, or handle express assembly and replacement part dispatch.



Repair services

Manufacturer's competence – reliable and accurate

The repair service (Mechanics/Electronics) by SEW-EURODRIVE is optimal for repairing and overhauling individual systems.

The experts at SEW-EURODRIVE have comprehensive product training in co-operation with the relevant development and production departments. Service centre facility available at 4 locations - Vadodara, Chennai, Pune and the NCR.



Your advantages

- Short repair time due to high availability of original parts
- Reduced downtime for your systems and machines due to express repairs
- Fast and cost-efficient service



* 12 months warranty is applicable only on GM repairs

What we offer you

- Both, defective and affected parts are replaced during repair
- Complete overhaul
- Customer-specific product adaptation with documentation (Electronics)
- High-voltage test according to VDE[#]
- Analysis of the damage with feedback talk
- Express repair on request



[#] The German Association for Electrical, Electronic & Information Technologies



Electronic repairs

- SEW-EURODRIVE India has an exclusive team and infrastructure to repair electronic products.

Industrial gear unit repair services

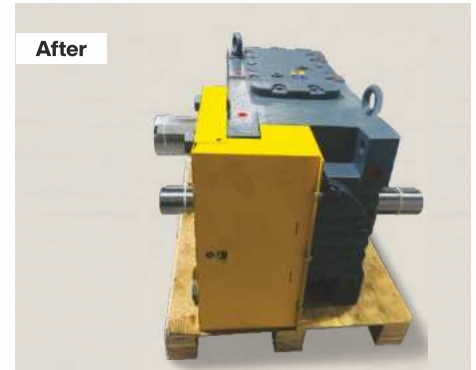
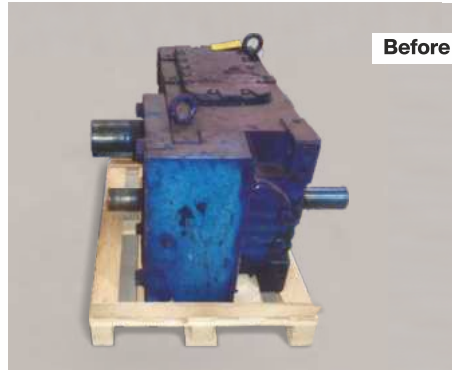
Operation and process reliability – powerful and comprehensive

Industrial gearbox service

SEW-EURODRIVE India, Vadodara facility is equipped to handle the majority of industrial gearbox ranges.

Your advantages

- Complete service from one source
- Delivery and repair program also encompasses couplings, oil cooler, sensors and motors
- Individual, complete solutions for all your technical, drive-related requirements
- Prevention of unscheduled production downtime and standstills
- High availability of spare parts



Remote repair service facility

We have a standalone Drive Center at Raipur. The SEW-EURODRIVE teams of experts deployed at this Drive Centre is equipped with all the appropriate tools and test facilities to ensure 'factory-like' results.

Service vehicle

– Facility is available at Hyderabad.



Proactive services

AMC and Health check-up

Annual Maintenance Contract and Health check-up are periodic and proactive maintenance services which ensure continuous running of SEW-EURODRIVE products and enable customers to take proactive action to reduce major failures. This results in lower maintenance costs and more uptime.

Your advantages

- Periodic Health Check-up of units can avoid major breakdowns
- Overall maintenance costs are reduced
- Better productivity and easy operations
- Long life of units overall
- Less/Optimized consumables requirement
- Save time and money
- Critical spare parts can be identified and unplanned standstills can be reduced



Scope of services

- Checking and evaluating the condition of mechanical and electronic drive components in an existing system
- Rapid, non-destructive analysis of the gear unit without need of disassembly based on scope
- Brake maintenance/adjustment, oil check and recommendation

Open PO

It allows SEW to support urgent requirement of services whether health check-up or breakdown.



Thermography

With the help of thermal image, identification of heat and sound for detail analysis of Gearbox, Motor and IG in running condition.

Condition monitoring

for reducing your maintenance costs

DUE brake monitoring sensor

to determine function and wear

Features

- Ideal sensor to monitor the wear and proper functioning of the brake (BE../BF../BT..)
- Measuring system for contactless monitoring of the working air gap based on Eddy current principle
- The diagnostic unit option/DUE is installed completely assembled and is calibrated in the brake motor

Your advantages

- Continuous monitoring of brake function and detection of brake lining wear in good time
- Contactless and thus wear-free measuring system
- Evaluation directly via SEW-EURODRIVE frequency inverter with corresponding error protocol



Vibration monitoring system

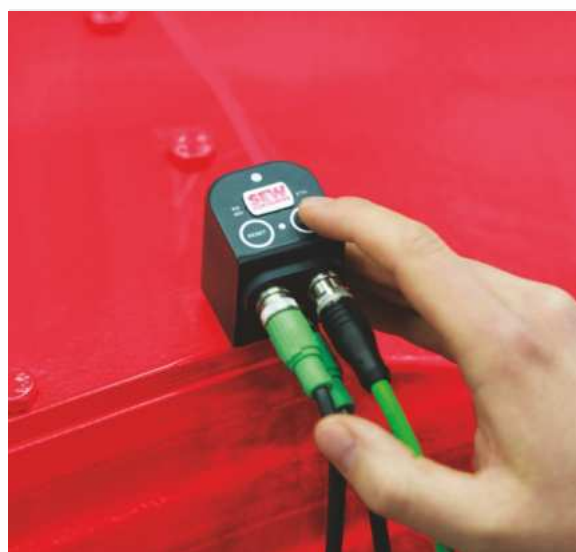
We have a standalone sensor to monitor basic vibration and Scalable system solution with continuous multi-channel monitoring sensors with high level of accuracy and resolution.

Features

- The perfect sensor for simple & reliable monitoring of rolling bearings gears
- The frequency spectrum is used to constantly monitor the condition of the rolling bearings and gears
- Easy startup, ready for immediate use

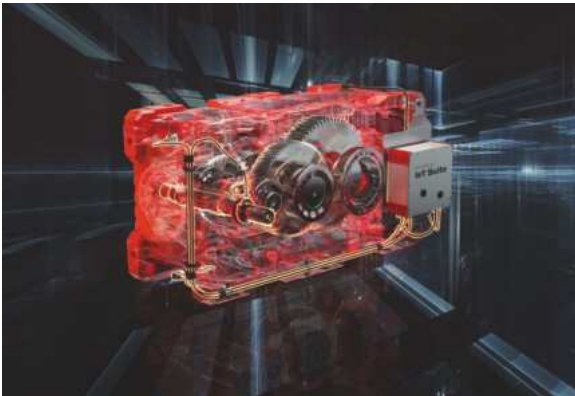
Your advantages

- Less unplanned downtime
- Continuous monitoring
- Pre-configured system for easy startup
- Additional process parameters possible
- Integrated web connection for real-time display of the measurement data
- Compact size and robust housing of measuring system



DriveRadar® IoT Suite for industrial gear units

Condition-based component monitoring and maintenance forecasts for new and existing gear units



Take a proactive approach with DriveRadar® IoT Suite

Our DriveRadar® IoT Suite keeps working for you 24/7. The digitalized condition monitoring system automatically monitors your industrial gear unit, so you have reliable, detailed information about the state of your components at your fingertips at all times.

If there are any relevant changes in condition, the system will notify you and provide you with initial recommendations for action, so you can take steps at an early stage and prevent downtime.



Hardware Components

- 2 x acceleration sensors
- 1 x oil temperature sensor
- 1 x ultrasound sensor
- 1 x speed sensor
- 1 x DriveRadar® EdgeProcessingUnit



Access to the web application

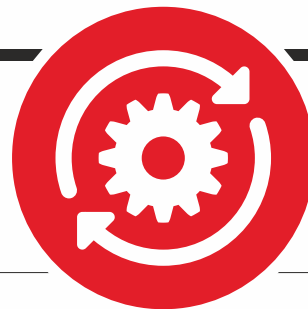
Elements

- Access to the DriveRadar® IoT Suite web application
- App for mobile devices included
- Automatic notification of errors and warnings
- Data stored at SEW cloud

Benefits

- Early detection of faults
- Transparency about the condition of the gear unit
- Prevent downtime
- Operate efficiently
- Save resources

Modernization



Good partners take the next step along with you.

To ensure you are using state-of-the-art technology and make the best possible use of it.

With our experience and expertise, we support you with your system modernization, taking account of both framework conditions such as legal and standards specifications, and requirements relating to productivity, performance & systems /parts availability. This ensures that your system modernization brings nothing but significant economic advantages.

CDM® Maintenance management service

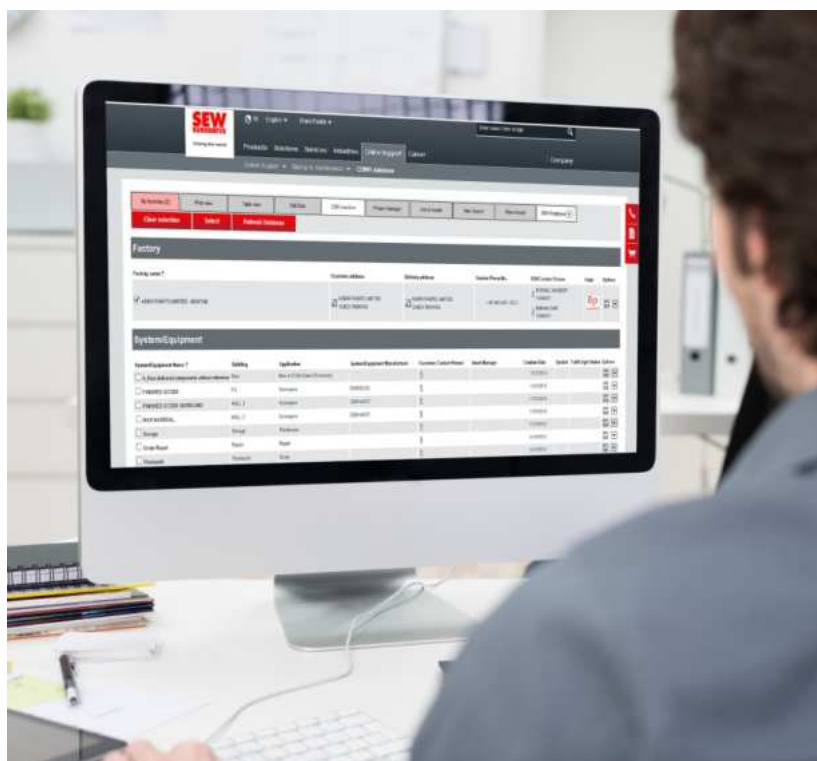
The CDM® maintenance management service offers you a comprehensive package of individual services so that the availability of your cost-intensive machinery and equipment can be minimized.

Your advantages

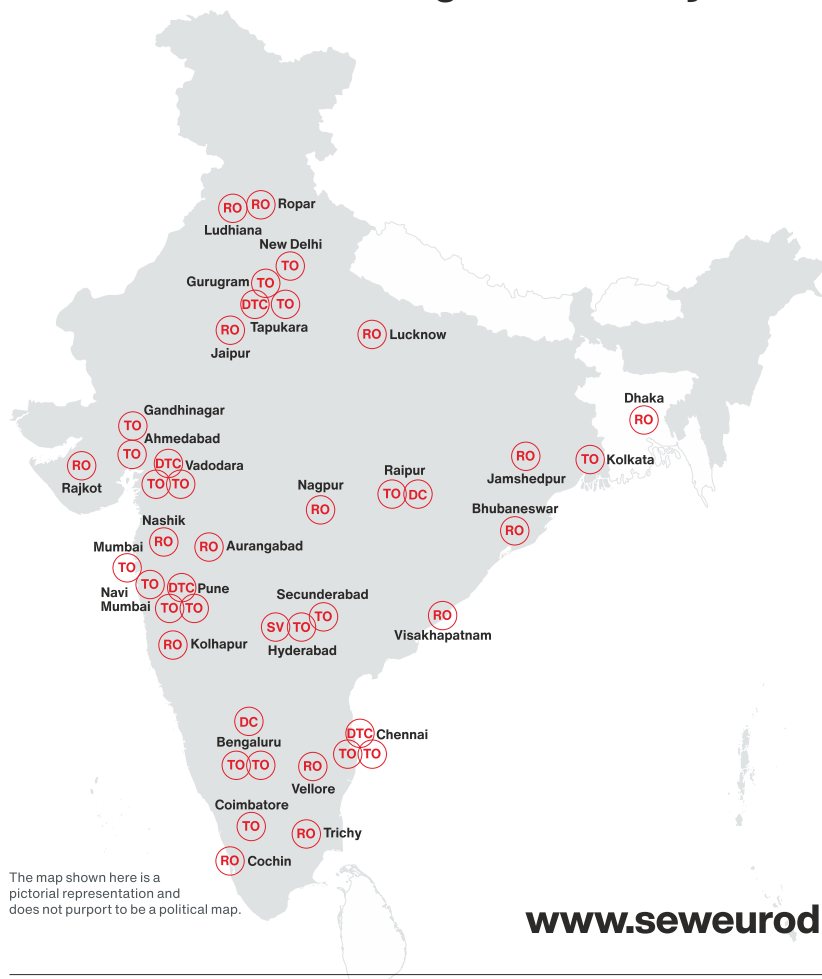
- Transparency of drives and frequency inverters (by type, quantity, condition, availability)
- Innovative and user-friendly CDM® database for entering, updating, researching, and evaluating data
- Optimization of maintenance by using the CDM® functionalities, such as maintenance planning and history display, etc.
- Reduction of parts held in stock through optimized stock planning

What we offer you

- Inspection of drives and frequency inverters with classification of their condition:
 - Single inspection (visual check)
 - Specifications of required maintenance measures
- Structuring and comparison of existing drive engineering components
- Labelling of drives and frequency inverters for clear and fast identification
- Individual advice on optimizing your maintenance plan for existing drive engineering components, as well as for topics relating to energy conservation, condition monitoring and storage optimization



SEW-EURODRIVE is right there for you



The map shown here is a pictorial representation and does not purport to be a political map.

4

Drive Technology Centre
(Assembly Plant)

2

Drive Center

20

Technical Office

16

Residential Office

1

Service Vehicle

www.seweurodriveindia.com / sew-eurodrive.de

DTC

**Drive Technology Centre
(Assembly Plant)**

Drive Technology Centre (Assembly Plant)
Vadodara, Gujarat
Phone +91 265 3045200
salesvadodara@seweurodriveindia.com

DC

Drive Center

Chennai, Tamilnadu
Phone +91 44 37188888
saleschennai@seweurodriveindia.com

TO

Technical Office

Pune, Maharashtra
Phone +91 2135 628700
salespune@seweurodriveindia.com

RO

Residential Office

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SV

Service Vehicle

Technical Offices

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salesaurangabad@seweurodriveindia.com

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+91 80 28522662/63 (Electronic city)
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