



**SIEMENS**

*Ingenuity for life*



Siemens Mobility Services (SIMOS®)

## Railcover® for Locomotives

Join the community and profit from a larger fleet



// With an extended network of workshop locations, competent technical staff, and data from the locomotives, as well as an availability-driven logistics, we support your core processes and revenue streams. //

**Heinz-Peter Dunker**

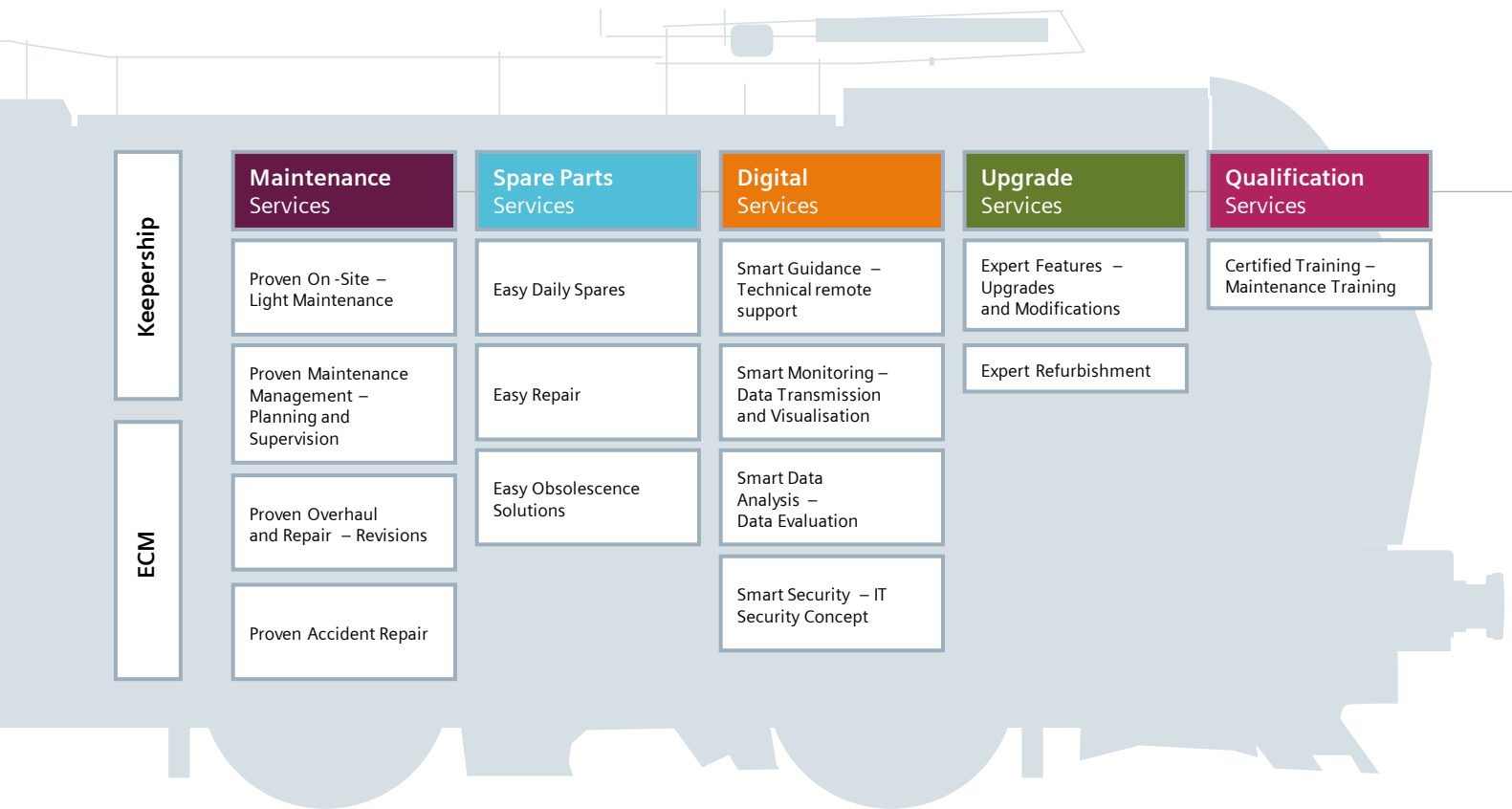
Manager of Service for Rolling Stock, Siemens Mobility Services

As the world becomes more and more mobile, the pressure is on operators to keep their locomotives in excellent condition and up to date. A single defect can result in not only dissatisfied customers – it can mean additional costs for delays.

To keep your operations running smoothly, Siemens Mobility Services offers modular services. From services on-demand to full service, we take care of your locomotive. Count on us in the long run – as a strong partner and a reliable service provider oriented to the future with its data management solutions.

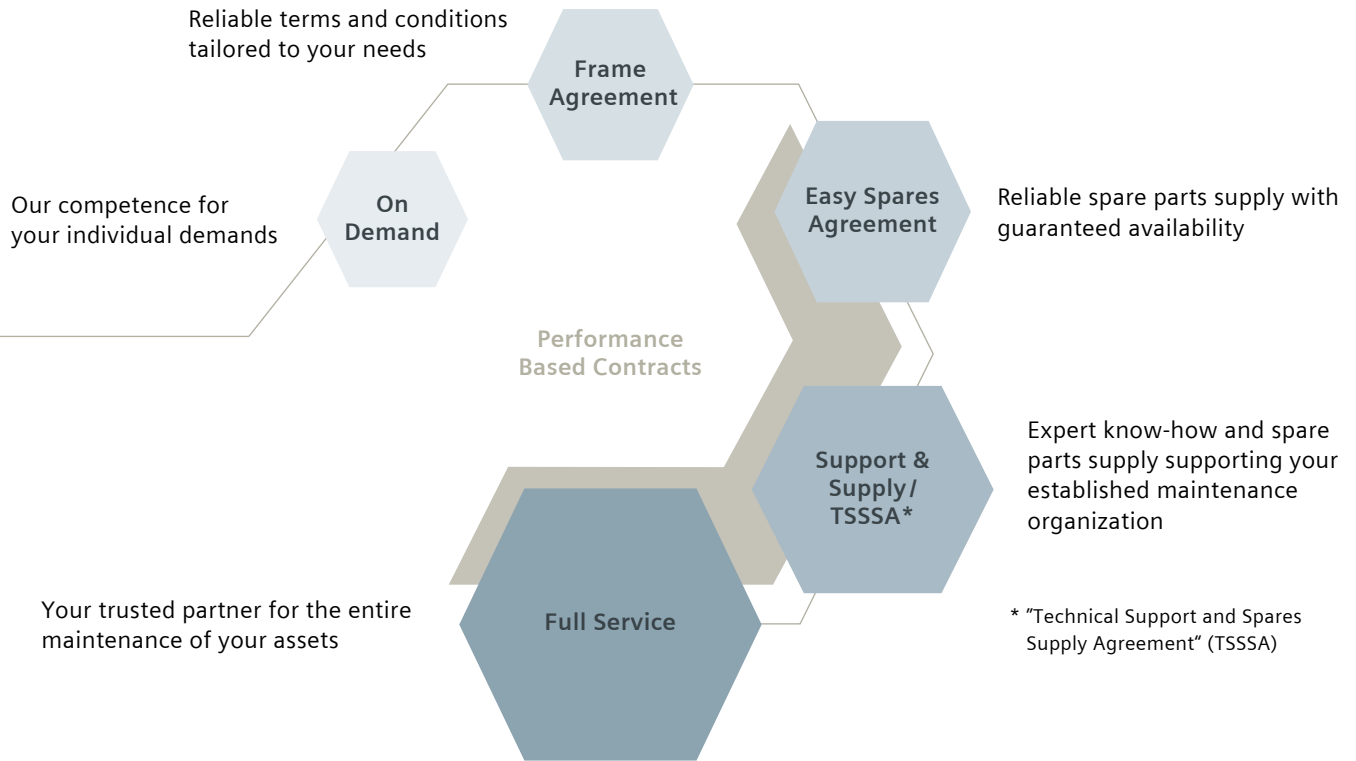
Since the initial development of Railcover, its features and innovations have been continually pushed forward. Thanks to our years-long expertise, you can be sure that we will remain a forerunner in the industry with advanced solutions – for your locomotives and business.

# Our SIMOS portfolio for locomotives



With our SIMOS portfolio and our Railcover contracts, we put together a customized service package for you, enabling you to match our platform-based experience with your established service organizations. We offer you a variety of modular solutions for your locomotives: select the service modules you need and the performance regime you expect. We will help you to choose the best contract type for you.

# Railcover service contracts – our commitment to you



Keepership
ECM

## Benefits you can count on

- Increased availability** With our European workshop **network**, high qualified **locomotive experts**, just-in-time **spare parts deliveries**, and **real-time remote analysis of diagnostic data**, your locomotive will receive prompt and proper care anytime and anywhere.
- Sustainable reliability** Based on **proper maintenance execution** connected to a forward-looking **maintenance management** and **optimizations** in line with platform locomotive development, use of **field experience**, as well as **upgrades and refurbishment**, we contribute to keeping the value of your asset up to market standards, to extend its lifetime, and to enhance its **reliability**.
- Life cycle cost reduction** With our modular solutions, a **tailored-made service offer** can be matched with your existing service organization – giving you the opportunity to set a perfectly balanced **Make or Buy Strategy** and to achieve optimized costs and processes for your individual environment.



# Maintenance Services

## Light Maintenance and Overhauls

To keep your locomotive in operation, we perform preventive and corrective maintenance, as well as major overhauls, with qualified service experts – either partner workshops or Siemens staff around the world. They work according to the industry's highest safety and quality standards. If needed, our mobile technicians can come to your locomotive wherever it is in Europe.

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## Pan-European network of qualified workshops

Because you have access to our wide pan-European network of qualified workshops, you can benefit from reduced transfer times and more effective downtimes. Should your locomotive malfunction, it can be recovered in the closest suitable workshop. And planned maintenance can be performed close to the location where your locomotive ends its journey and during its natural standstill time.

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## Proven Maintenance Management

The Rail Support Center in Erlangen, Germany, and our local or country-based support centers are staffed by locomotive specialists who are there for you 24/7 with remote support. In contracts including Maintenance Management, our support centers are in daily contact with your fleet managers to find the best slot for any due maintenance activity. State-of-the-art IT tools are used for management, scheduling, and documenting maintenance operations.

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# Spare Part Services

We take over the provision of all required spare parts to keep the locomotive in operation, and we guarantee fast delivery from our central warehouse. All maintenance-related spare parts and accident parts are stocked in our Central Warehouse near Frankfurt am Main, Germany, called World Distribution Center, from which the parts can be delivered to any workshop within Europe within the next business day. In case of very urgent deliveries, a dedicated courier transport can be organized.

Within the Easy Spares Agreement, you will have an account to our Rail Mall, our 24/7 online shop, that enables you to identify the spare part needed through pictures, to choose the shipment conditions, and to order it from your customized spares assortment.



## Digital Services

The remote transmission and monitoring of diagnostic and operational data enables the maintenance personnel to identify remotely the possible faults and find the right repair measures. Afterwards, they will dispose the needed spare parts prior to the arrival of the service expert at the locomotive. The data collected and experience gained by the entire locomotive platform will provide you with additional benefits. You will receive predictive and optimized maintenance, product and operational performance improvements.

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## Upgrade Services

With our upgrade services, we offer you a wide variety of modifications and upgrades for your locomotives to keep them up to date. We ensure quality standards and integrate innovative improvements. We are able to extend the life span of your locomotive through refurbishment activities like measures for new safety and security standards or the introduction of new technologies.

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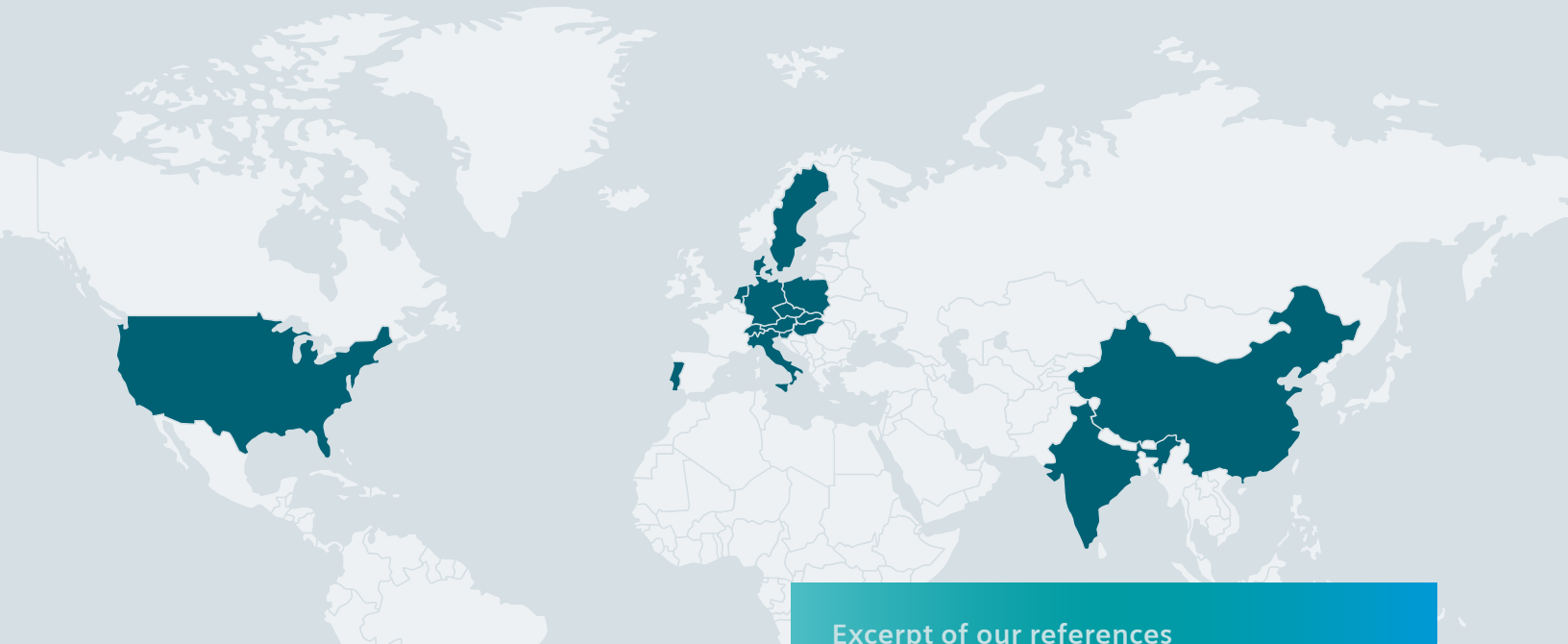


## ECM and Keepership

By taking over the responsibility of ECM and Keepership, we offer you a comprehensive solution as an option to full-service contracts that enables your organization to rely on our competencies – so you can focus on what matters most: your business. ECM and Keepership are executed in accordance to the applicable ECM and EU requirements and through the usage of advanced IT tools for the documenting and tracing of maintenance activities.

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# Railcover references for locomotives



## Excerpt of our references

### In North America

- All Aboard Florida (AAF)
- Amtrak

### In Europe

- PKP Cargo
- boxXpress GmbH
- SBB Cargo International
- Alpha Trains
- Steiermarkbahn (STB)
- DB Cargo Italy
- Gysev

- Wiener Lokalbahnen Cargo GmbH (WLC)

- Mitsui Rail Capital Europe GmbH (MRCE)
- PKP IC
- InRail
- Danske Statsbaner (DSB)

### In Asia

- HXD1 Lok MS
- HXD1B Lok MS
- India Railways (IR)

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