



CORE COMPETENCE

Our consulting expertise

Operational analyses

- Simulation of operating concepts
- Operational comparisons, benchmarks
- Estimates of performance/capacity
- Process reviews and optimizations
- Introduction of maintenance management systems

Maintenance

- Planning, optimization and delivery of maintenance services
- Drafting of maintenance documentation
- LCC analyses
- Special tools and equipment

Technical inspections

- Planning and monitoring of inspection intervals
- Non-destructive testing
- Drafting of test instructions and reports
- Official copies of safety certificates

Fleet management

- Field data management
- Error management
- Warranty management

Spare parts

- Component management and spare parts logistics
- Spare parts manufacture and acquisition
- Obsolescence management

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Consulting at Molinari – Achieve excellence in operations and maintenance

The challenge

In times of increased economic pressure, it is more important than ever to find the ideal balance between meeting the requirements of day-to-day operations and providing maintenance at the very best price-performance ratio. However, this is often hindered by economic considerations such as investment costs or spare parts stocks. Various strategies can be adopted to improve overall cost-effectiveness, but optimization across an entire organisation is only possible with an integrated package of measures. Molinari Rail has the experts you need to achieve this.

Maintenance

We plan and optimize the maintenance process throughout a train's entire life cycle. This considers maintenance schedules, calculations of the human resources required and the necessary equipment and infrastructure. Our holistic process provides the basis for matching all of the different objectives which come into play.

Fleet management

We take over fleet management and with it the responsibility for correct and proper maintenance of rolling stock, vehicle disposition and even complete model supervision, including monitoring of reliability and availability.

Optimization of costs and productivity

Molinari offers an attractive portfolio of products and services to help cut costs and improve productivity:

- Vehicle documentation, spare parts catalogues and optimized maintenance instructions
- Technical checks/audits
- Maintenance, from project management to overall responsibility for maintenance services
- Management of spare parts and field data, life cycle cost analyses

Molinari can provide this package of services to operators and manufacturers alike.

Operational analyses

We use a software tool developed in-house to draw up operational analyses/simulations. The results tell us whether the infrastructure, vehicle fleet and timetable are working with or against one another in the context of overall operations.

Some of our customers

- Ascendos Rail
- CB Rail
- Deutsche Bahn DB
- Stadler Rail
- Veolia Transport

www.molinari-rail.com

Technology · Manufacturing · Projects