

Rail & Logistics



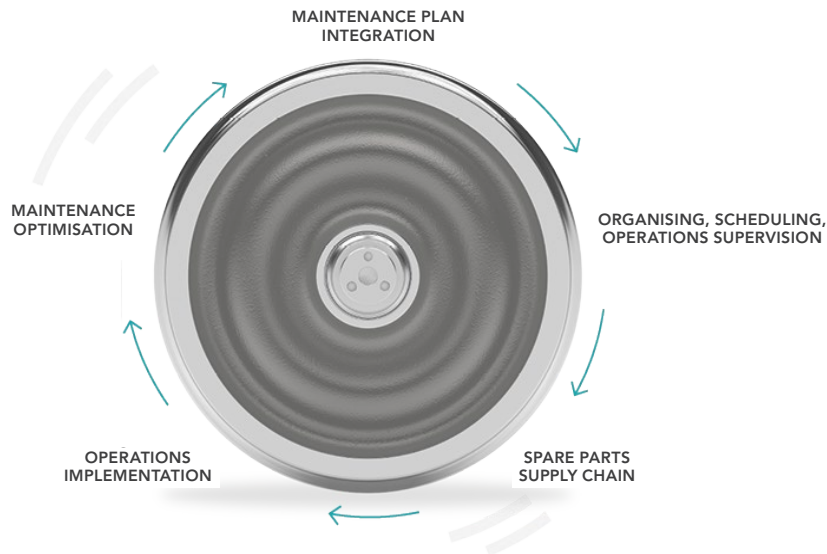
Introduction



Our purpose is to enable rail companies to fulfil their role as haulage contractors, to enable works companies to deliver projects, to enable machinery rental providers to rent out their equipment, and to enable rolling stock owners to leverage their assets, operating them in the best possible condition.

Choosing MASTERIS means choosing a fully integrated solution – one where there is complete control over the whole maintenance and engineering chain, ensuring the trouble-free growth of your business.

Choosing MASTERIS means choosing a partner that will grant you access to all the expertise of the SNCF group.



4 types of service



Asset &
industrial
maintenance



Operations
maintenance



Engineering



Supply chain



Asset and industrial maintenance

Our internal partners

SNCF
Maintenance Industrielle (MI)
Technicentres

Locomotives we work on

BB60000s
Mid-life
BB75000
BB27000

MASTERIS can provide its clients with a whole range of asset and industrial maintenance services designed to renew the potential of their equipment and extend its service life.

MASTERIS can call on all the might and skills of the whole SNCF group in its support of its clients and their large-scale projects. This includes the following services:



LEVEL IV MAINTENANCE OPERATIONS

(at client sites or industrial technicentres)

Comprehensive locomotive servicing (chassis, bogies, body, etc.)
Component servicing (diesel engine, transformers, etc.)



LEVEL V MAINTENANCE OPERATIONS

Locomotive modernisation
Locomotive modification



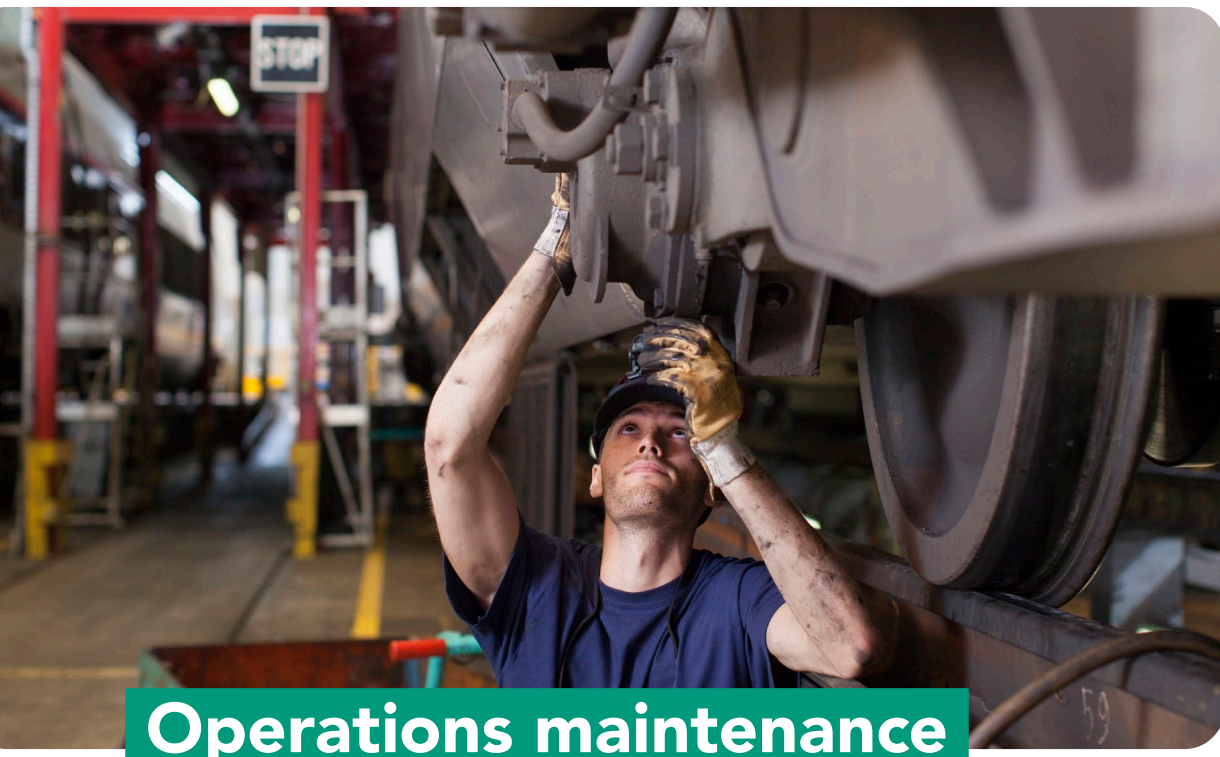
INDUSTRIAL PROJECTS

Turnkey projects (purchasing, project management, works, studies, etc.)
Alone or as part of a partnership
At client site or SNCF site



EXTENDING YOUR EQUIPMENT SERVICE LIFE

Diesel and electric series
Complete locomotives or components



Operations maintenance

MASTERIS can provide a full-service package. This includes a reliable and flexible turnkey solution, with a controlled budget that is clearly defined over the long term.

Entrusting operations maintenance of your feet to us means:

- ✚ Optimising the performance of your locomotives with specialist maintenance services that are tailored to your fleet
- ✚ Leveraging our technical expertise to ensure that your fleet remains available and reliable
- ✚ Having personalised monitoring for each locomotive with tried and tested methods and secure operations
- ✚ Getting bespoke solutions to meet your repair and spare part supply requirements
- ✚ Having predictive maintenance systems



Engineering

Through the support provided by the SNCF group, MASTERIS is able to share major assets with its clients that help set them apart from the rest in a highly competitive world.

MASTERIS is involved along the whole service life of your rolling stock – from when it is purchased right through to when it is dismantled:

- ✚ Design engineering
- ✚ Regulatory watch
- ✚ Component integration studies, including safety-qualified elements: Independent STM, ETCS, ATESS, etc.
- ✚ Testing campaigns
- ✚ Assessment: braking systems, running gear, powertrain, propulsion system, etc.
- ✚ Obsolescence management and in-service support
- ✚ Integrated logistics support: documentation, training, tools, etc.
- ✚ Support for regulatory tasks: admission, authorisation, etc.

Entity in Charge of Maintenance (ECM)

ROLE OF ECM A *under implementation regulation EU 2019/779*

ROLE OF ECM B

RELIABILITY MANAGEMENT

Our partners

Centres
d'Ingénierie du
Matériel SNCF
AEF

Our clients

Akiem
Europorte
ETF
Hexafret



Supply chain

€700M

turnover in 2024

3 000

orders shipped
per day

140,000

part numbers
managed

875

suppliers

150

axles serviced per year

Our supply chain is designed to meet all of your requirements and features a complete range of bespoke services, ensuring that your equipment continues to deliver reliable performance:



PART REPAIR

450,000 parts repaired every year with the help of a network of 10 industrial technicentres
6000 parts created per year



PART SERVICING

Axles, running gear
Safety equipment
Braking systems



PART SALES

140,000 part numbers managed



PART ENGINEERING

Optimisation of maintenance rules (predictive)
Feedback / Advice
Obsolescence management



PARTS LOGISTICS

Storage
Distribution

50%

of parts shipped the day after they are ordered

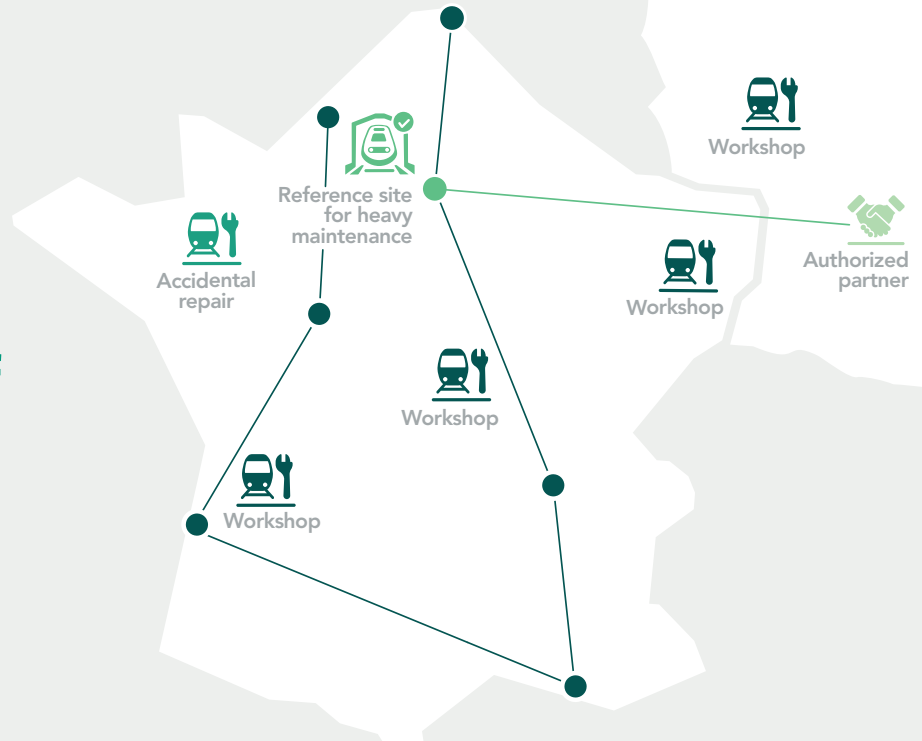
500

mobility initiatives

15 to 20

years focused on studying how heritage maintenance operations are conducted on bogies

Our sites of operation



PARTS DISTRIBUTION NETWORK

Logistics hub in Moissy-Cramayel

Daily transits between industrial sites

Part shipped the day after they are ordered

STORAGE CAPABILITY

Two key sites for level III maintenance

Eight key sites for level II maintenance

Four mobile teams

RESTRICTED TRANSPORT

Two levels of organisational structure

Two key workshops for the heaviest operations

Dense workshop coverage for more routine operations

Your priorities, our aims

➔ Improving the reliability of your rolling stock

Having complete control over the chain means that we can leverage feedback data and offer initiatives to improve reliability

MASTERIS USE'S TRIED AND TESTED METHODS TO IMPROVE YOUR FLEET'S RELIABILITY

- ➕ Listing and classification of faults/ defects
- ➕ Calculating the reliability improvement potential
- ➕ Analysing root causes
- ➕ Acquiring measurement data using connected systems
- ➕ Defining and monitoring action plans

TELE-DIAGNOSTICS

We use tele-diagnostics tools to take action in advance of reports from drivers, thus preventing fatal faults on the line.

TRUSTING US MEANS

- ➕ Being able to take advantage of tried and trusted tools and methods
- ➕ Benefiting from all of our experience on a huge number of engines
- ➕ Always getting rigorous and methodical analysis
- ➕ Benefiting from all the expertise and the geographical coverage of the whole SNCF group

OUR ACHIEVEMENTS, RELIABILITY TRACKING

Incidents per million kilometres on line

Cost optimisation

TECHNICAL MAINTENANCE DIAGNOSTICS




MASTERIS offers bespoke support and diagnostics in order to determine all the areas in which the maintenance cycle can be optimised.

MAINTENANCE CYCLE OPTIMISATION

Our teams are able to adapt maintenance intervals and modularise maintenance work based on how rolling stock is operated and how it performs, while at the same time guaranteeing expected safety levels.

OPTIMISING COMPONENT OR EQUIPMENT POTENTIAL

MASTERIS enables its clients to maximise service life potential through several approaches:

-  Designing samples
-  Assessing removed components in various qualified laboratories across its network
-  Assessing locomotives

masteris





OUR ADVANTAGES

A 100% subsidiary of SNCF Voyageurs, MASTERIS can and will provide a solid and durable structure. With more than 160 employees, with us you will be able to benefit from multiple skills and benchmarks determined by various markets.

Our tried and tested commercial team will be specifically dedicated to your challenges. We have implemented a local management scheme for «key customer accounts», by which to share with you details of the experiences of



RAIL & LOGISTICS



VOYAGEURS
OPEN ACCESS
INTERNATIONAL



DSP REGIONAL &
URBAN MOBILITY



MODERNISATION &
UPGRADES



ENGINEERING, THE OFFER & PROJECTS

MAINTENANCE EXPERTISE ACROSS THE WHOLE TERRITORY

MASTERIS receives support from the technical and human resources of SNCF Voyageurs Matériel to position itself as a key player in the domains of maintenance and engineering – this is made possible in particular thanks to the network of maintenance and industrial technical centres throughout France.

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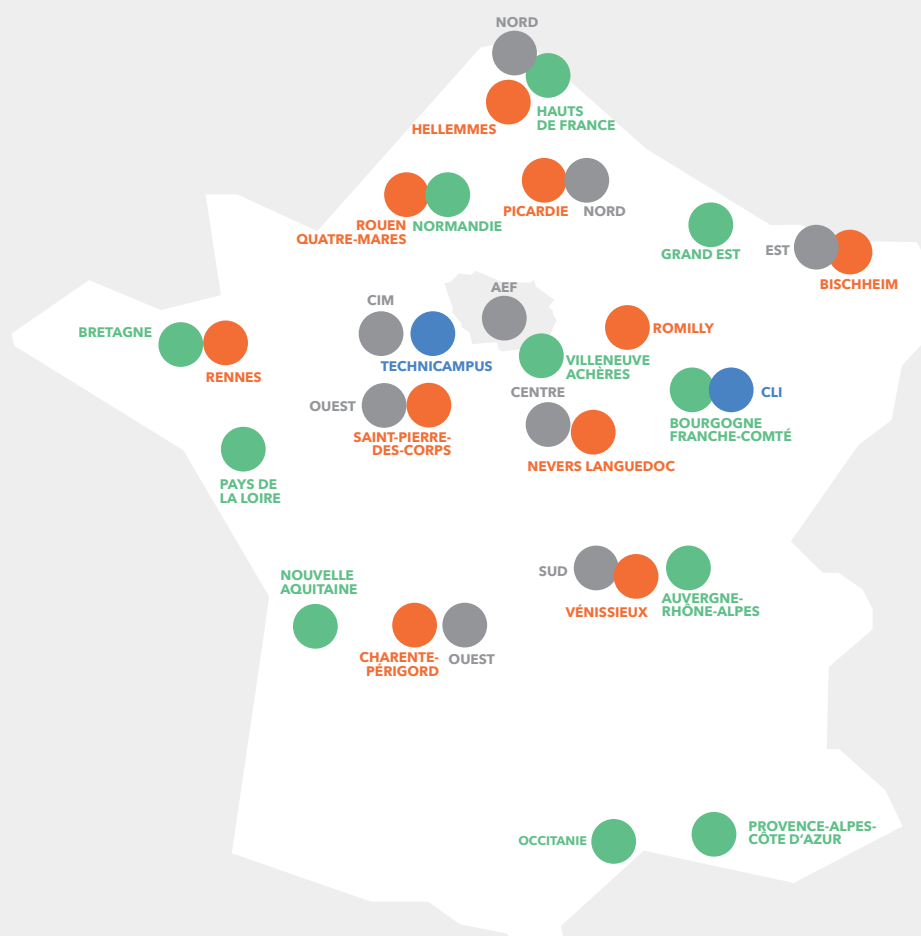
Maintenance
Technical Centres

10

Industrial
Technology Centres

7

Engineering
and Trials Centres



Technology centres
MAINTENANCE

Technology centres
INDUSTRIAL

Units
SUPPORTS

CLUSTERS engineering
and trials centres

contact@masteris.com
masteris.com

