

What if you could see  
what the naked eye  
can't detect?

# Non Destructive testing

SUMAX AQUASCAN BRAS SCAN SENTINEL

Non-Destructive Testing (NDT) assesses the integrity of materials without altering them.



Need precise and effective solutions to simplify axle maintenance?



**REDUCE** your maintenance costs by **70%**



**BOOST** your productivity



**CUT** operation times by a factor of **4**

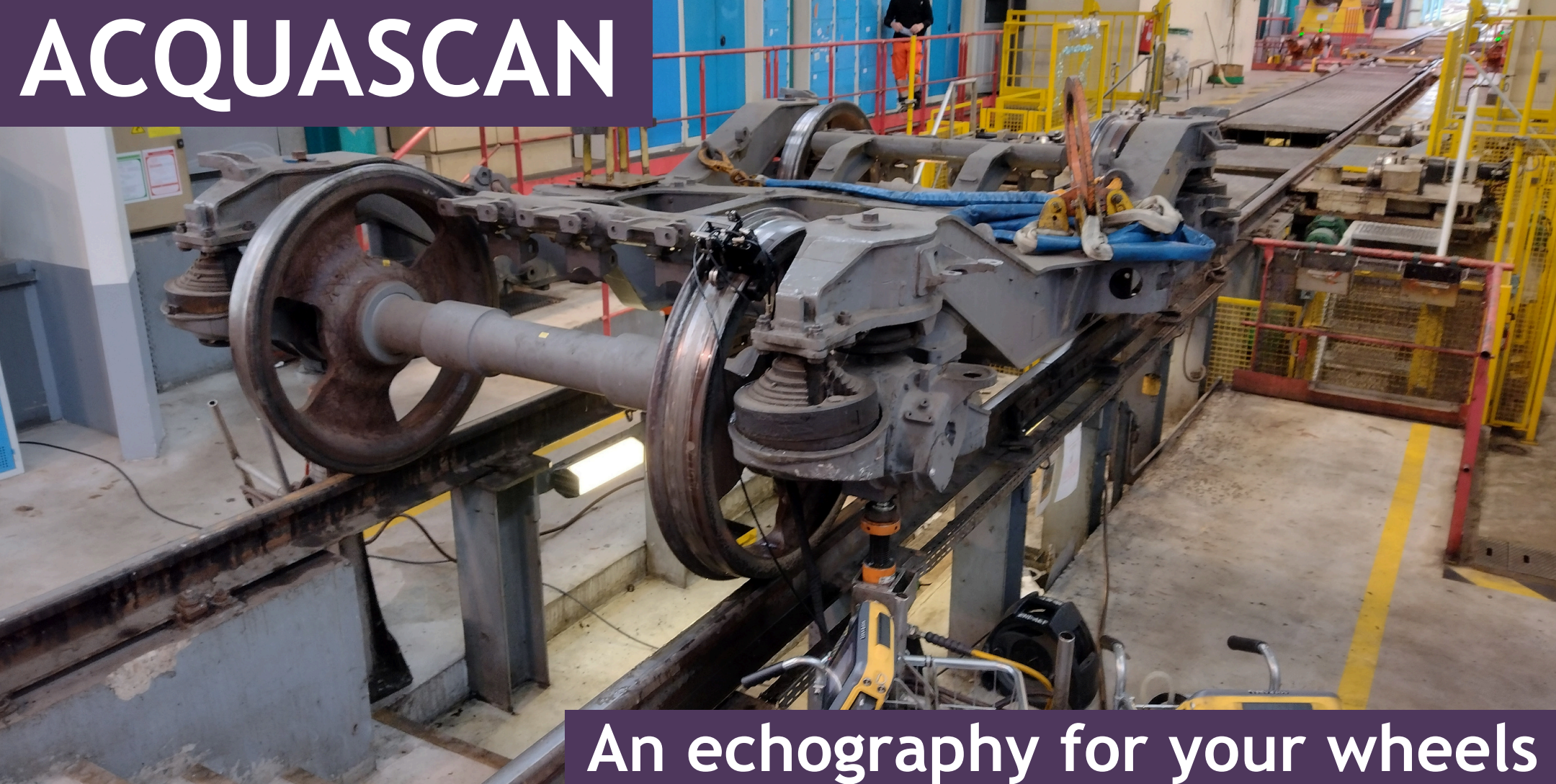


**ENSURE** full traceability of **all inspections**





# ACQUASCAN



## An echography for your wheels

**Aquascan is revolutionizing wheel inspections with phased-array ultrasound technology.**

**Its goal :** to image the inside of wheels and detect fatigue cracks **before they become critical.**

# WHY ACQUASCAN ?

An inspection in just a few seconds

Screen displaying a cross-sectional view of the wheel tread



Ergonomic and easy to handle

Increased defect detection probability thanks to wide rolling surface coverage

Scanner connected to an ultrasonic device

# ACQUASCAN

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## MAINTENANCE GAINS

Aquascan enables fast, on-site health checks of wheels at any maintenance location.



## INCREASED SAFETY

Really High probability of detection.



## ELIMINATION OF ENVIRONMENTAL POLLUTANTS

Water is now used as the coupling medium—no more grease or gels.



## REDUCTION IN OVERALL OPERATION TIME

Significant time savings, with inspection time reduced from 6 hours to 3 hours.



## IMPROVED WORKING CONDITIONS

An ergonomic device that reduces the time operators spend in uncomfortable positions and shortens the period of intense focus.





Need expert support?

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