

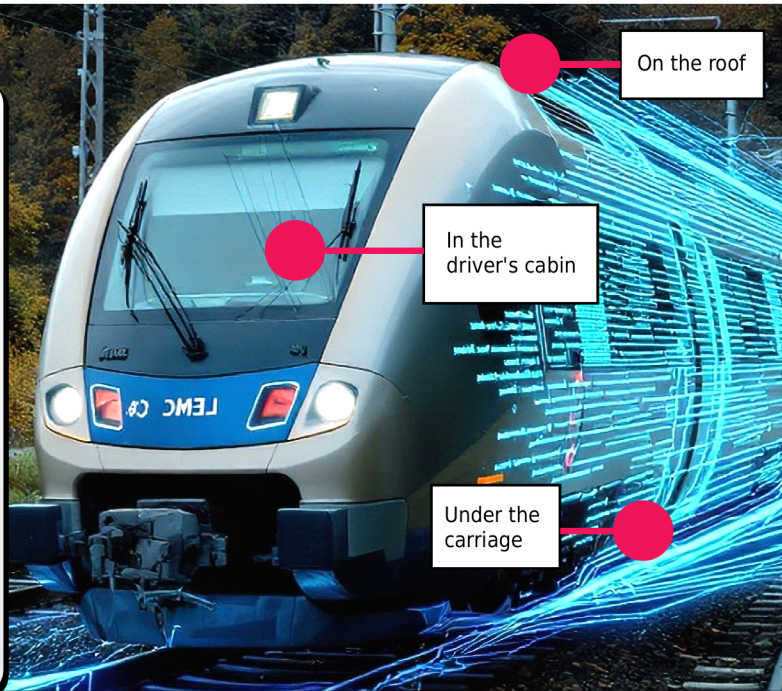
RET NETWORK INSIGHT

RAPID IDENTIFICATION OF HOTSPOTS AND RELATIONSHIPS WITHIN THE WHEEL-RAIL SYSTEM

With RET (Rail Efficiency Toolkit) operators gain an objective overview of the behaviour of their entire wheel-rail system after only a few days of operation. Mobile measurement systems are temporarily installed on a vehicle and collect the required measurement data during regular operations. The data is intelligently consolidated into a network-wide hotspot map that reveals critical sections, hidden problem areas and interrelationships..

IDENTIFY WHAT MATTERS

-  Noise Hotspots
-  Impacts
-  Vibrations / Running instability
-  Ride comfort hotspots
-  Wheel-rail Contact anomalies
-  Risk of wear
-  Track geometry
-  Switch contact anomalies
-  Differences between vehicles
-  Environmental impact

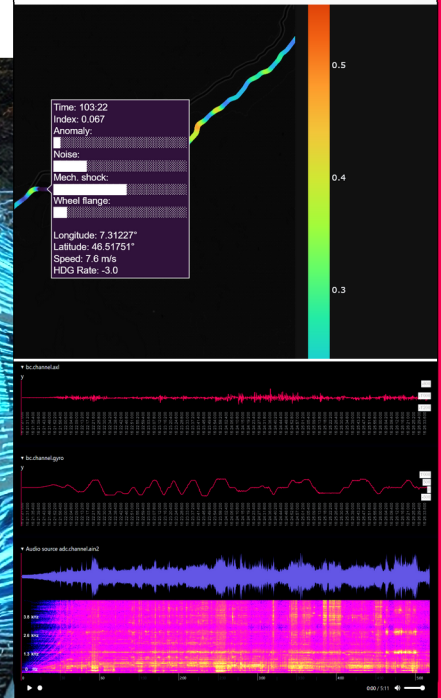


On the roof

In the driver's cabin

Under the carriage

TRACK NET CONDITION ANALYSIS



1

MEASURE

1010
1010

The measurement system records and transmits relevant raw data during operation

2

EVALUATE



Data is processed directly, and anomalies are detected automatically

3

IDENTIFY HOTSPOTS



Together with you, we analyse the data and relationships between vehicle and infrastructure

4

VALIDATE MEASURES

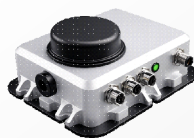


You can test and compare different measures very quickly

HOW DOES THAT WORK?

1. Register with Parametric for Network Insight at sales@parametric.ch
2. Arrange a suitable date
3. Receive the measurement kit and access to the cloud environment
4. Install the measurement equipment on the vehicle
5. Carry out measurements for the agreed period, including monitoring of the measurement equipment by Parametric
6. Meet with Parametric to discuss hotspots, relationships and possible actions
7. Receive the report and data export

WHAT DO WE DELIVER?



Parametric measurement node for autonomous data acquisition and easy installation



Analysys tool access
Cloud based evaluation and localisation of hotspots, as well as detailed analysis of raw data



Assistance with setup, joint detailed analysis and a discussion of possible measures after the measurement campaign

HOW IS THE OFFER STRUCTURED?

Transparent, attractive all-inclusive price for a standard measurement campaign



RET-NWINSIGHT-S

→ One week of measurements



RET-NWINSIGHT-L

→ One month of measurements



Contact us to get more information:
sales@parametric.ch