

LINALYZER

REVEAL THE UNSEEN

INNOVATIVE TECHNOLOGY FROM THE
INVENTOR OF RAIL MILLING

LINSINGER

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INNOVATIVE PRECISION

FOR OPTIMAL MONITORING, MAINTENANCE FORECAST AND REPORT

Linsinger Maschinenbau GmbH's new modular measuring system "LINALYZER" offers an exceptional ease of use from setup to analysis. So simple that it is a child's play to use. It evaluates high-quality data meeting the rising demands for rail network safety and availability.

Ensuring critical information stands out with effective data preparation and visualization. This is essential for future cost savings and maintaining optimal rail conditions.

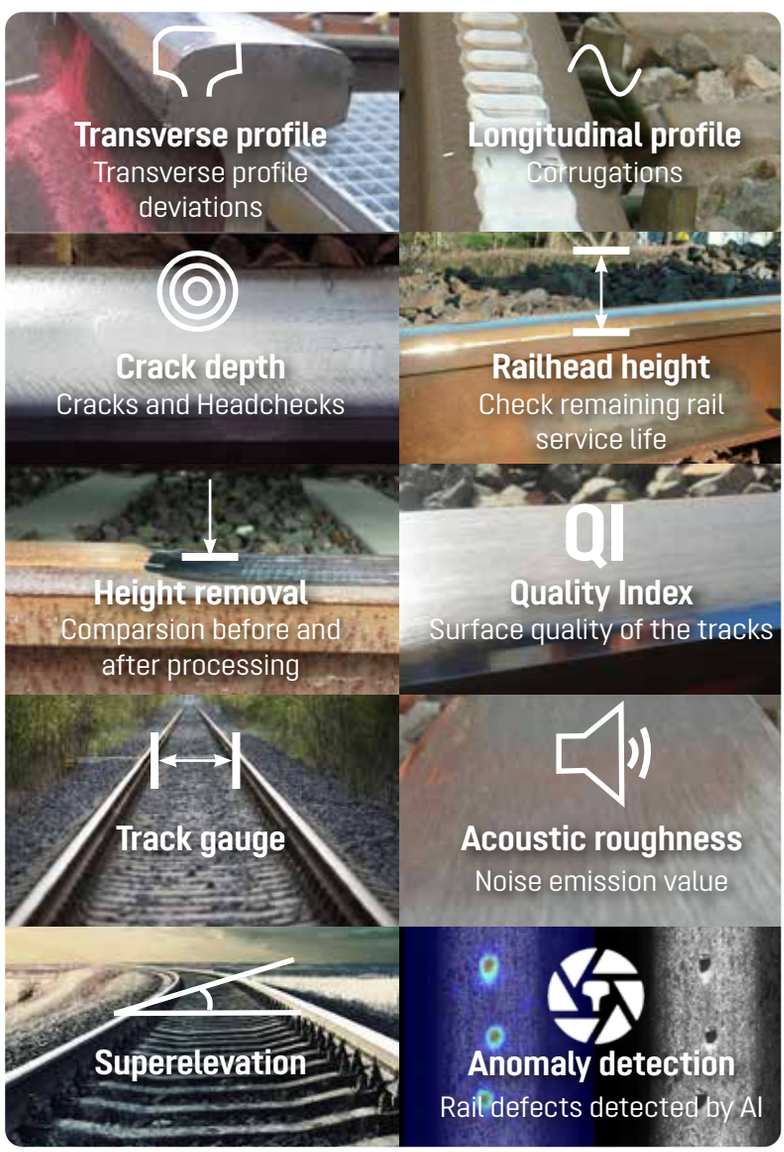
MEASUREMENT OPTIONS

MODULE FACTS — RESULTS

LATEST SENSOR TECHNOLOGY

PATENTED SENSOR FUSION

EASILY HANDLES SWITCHES & CROSSINGS



THE SYSTEM

Saves lives & taxpayer money

LINALYZER

MODULAR HARDWARE

- Goes far beyond previous measurement limits
- Can be retrofitted into existing machines
- Standard based evaluation (EN 13231-2, ...)
- Decoupled design
- Minimal space requirment
- GPS-localisation

UP TO 60 km/h
Monitoring car speed



Track gauge / Superelevation
Sensors (up to 60 km/h)

Crack depth
Eddy current (up to 40 km/h)

Anomaly detection
AI camera (up to 60 km/h)

Longitudinal profile / QI / Acoustic roughness
Laser system and camera (Longitudinal profile up to 60 km/h, QI & Acoustic Roughness up to 20 km/h)

Transverse profile / Railhead height / Height removal
Profile lasers (up to 120 km/h)

MODULAR SOFTWARE

- Interface – clear & user-friendly
- Quick shift reports
- Centralized helpdesk
- Customizable layout
- Each level of detail selectable
- AI supported data evaluation



WHY

MODULAR

- Hardware & software
- Customizable
- Upgradable

USABILITY

- Single-Touch control
- Minimized training effort
- Centralized helpdesk

VISUALIZATION

- Easy interpretation of measuring result
- Interface customizable
- Each level of detail selectable

AUTOMATED

- All measurement tasks
- Calibration process
- Report

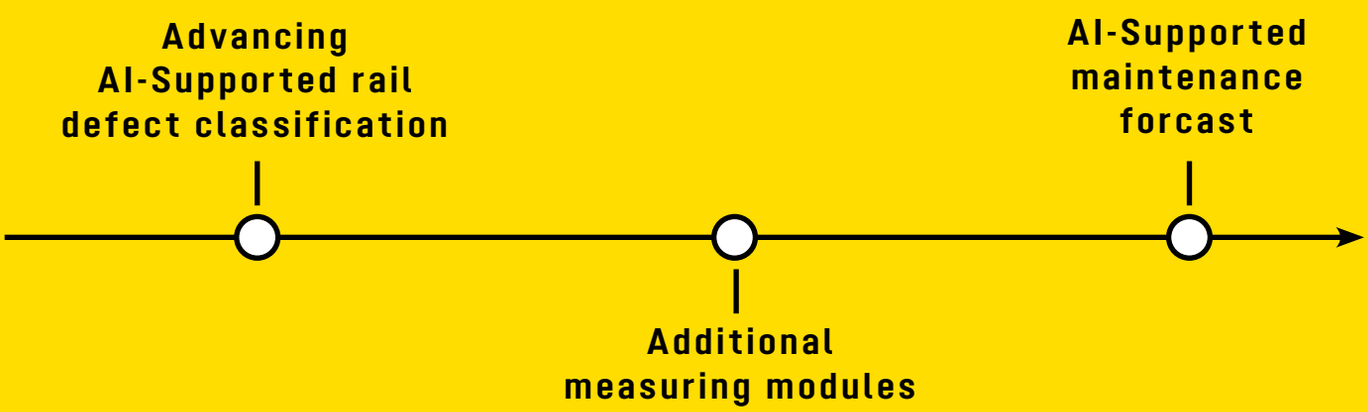
PRECISE

- Seamless measurement, beyond stationary limits

COMPATIBILITY

- Open interface to third party sources
- Two-way software

NEXT STEPS



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