

System Features

- two hi-res cameras per rail
- real-time object identification
- defect classification and scoring
- wide defect type catalogue
- ready-to-deployment neural network set
- integration on KZV vehicle with various inspection systems:
 - geometry, corrugation, clearance profile
 - the same measuring vehicle
 - One Run -> More Data

Defect List Item

Precise Defect Position (GNSS, Odometer)

FCI-WrongPositionOfIsolator
 LAT: 49.16807570946436
 LON: 17.503986176299563
 KTU: 453 16 2401 26 1
 QmpId: 160114.85; KM: 150.054



Easy Mounting

Fastening Types

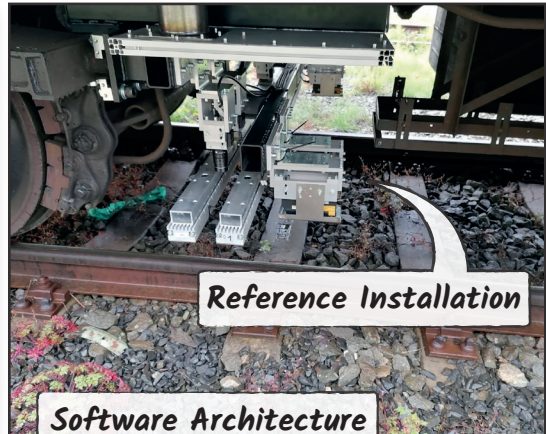
- Europe: W14, KS24, KS12, K, TR5, FastClip
- Asia: Vossloh-300, WJ-8, WJ-7

Camera Type Options

- matrix (up to 25 km/h)
- lines-scan (up to 250 km/h)

Integration Options

- on-board detection
- defect list export
- data transfer to a data center
- dataware house analytical tool
- photo, video and map visualisation
- track section statistics



Reference Installation

Software Architecture



Defect List on the Map

