



**InnoTrans 2018**  
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BERLIN



**INNOVATIONS  
AND TRENDS**



## The latest generation of Switch Inspection and Measurement (SIM) vehicles



SIM14: Switch Inspection and Measurement vehicle

Eurailscout's latest generation of Switch Inspection and Measurement (SIM) vehicles is fulfilling high output demands. The complete rail profile is measured every 20 mm up to 60 km/h (40 mm at higher speeds). This accuracy of the measured profiles allows turnout geometry parameters like gauge, check gauges and flangeway gaps to be calculated in compliance with the EN13848 standard, as well as quantifying vertical/horizontal rail head wear and rail inclination with good reproducibility. Virtual gauge calibre measurements make it possible to apply conventional safety assessments under loaded circumstances. Together with track geometry parameters and video inspection complete assessments of turnouts can be made using Eurailscout's SIM.

**Eurailscout Inspection & Analysis B.V.**

**Netherlands - Amersfoort**

**Outdoor Display 2/206**

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Subject to further change