

# Track Gauge Measurement System

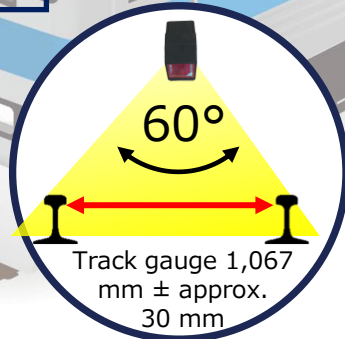
Under development



## 3D LiDAR scanner on the front of the lead car mounting a MEMS Optical Scanner Optical Scanner detects track gauge anomalies at low cost.

**MEMS 3D LiDAR**  
mounting a MEMS Optical Scanner

**Detect Track  
Gauge Anomalies**



### Features of Nippon Signal MEMS Optical Scanner

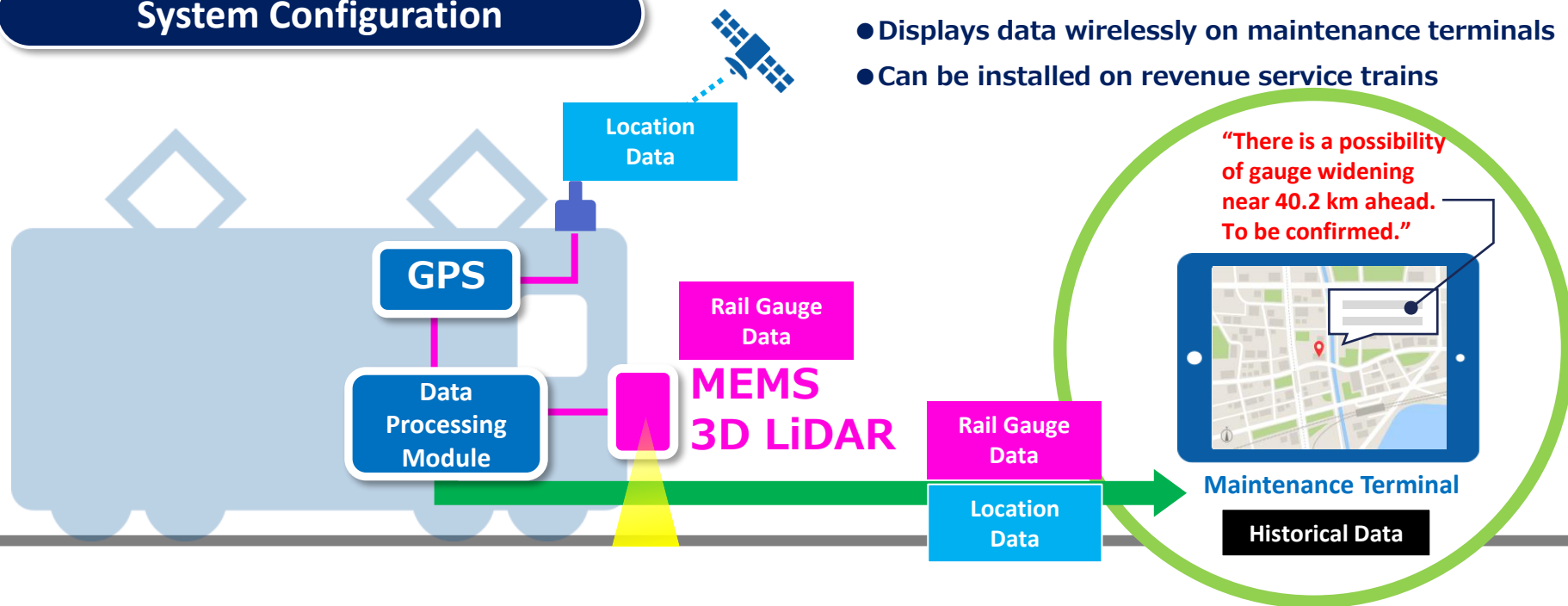
having implementation record in PSD market



- World-class ambient light resistance (usable under 200,000 lx)
- Usable day and night
- Compact, lightweight, and long lifespan
- Over 50,000 units installed

Can be installed on regular trains to acquire track gauge data with location information on a tablet device.

## System Configuration



# Please take a look at the demo

**Simulated rail demo**

**Move to non-standard rail width**



**Alarm notification on tablet.**