

# Fiber Optic Sensing

Holistic real-time monitoring for  
better performance

Enabling better decisions.





Quick Jump Map ▾

Initiate Trespass Incident

Initiate Severe Track Condition

1 km  
3000 ft

Journeys 5

Statistics

Clear All Journeys

All Dates

Rail Break Example

2020-12-14 06:17:05

2020-12-14 10:25:08

2020-12-14 16:42:03

2020-12-15 02:53:04

2020-12-15 10:48:09

2020-12-15 15:04:08

2020-12-15 17:33:03

2020-11-12 till 2020-11-30  
Average

2020-12-01 till 2020-12-14  
Average

2020-12-18 till 2020-12-31  
Average

12 November 2020

13 November 2020

14 November 2020

15 November 2020

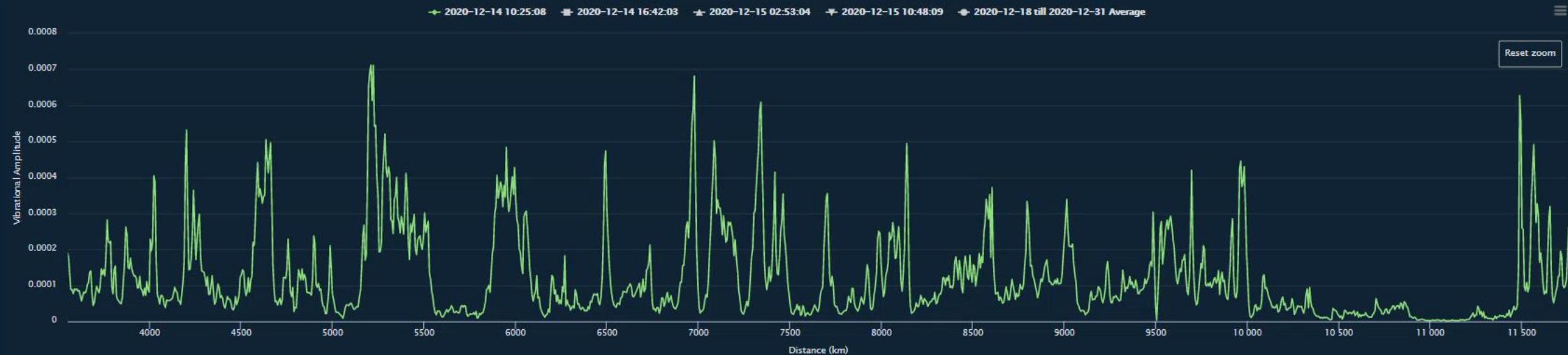
17 November 2020

18 November 2020

20 November 2020

21 November 2020

23 November 2020







# One Stop Shop Solutions: **for better performance**



HIGHER  
CAPACITY



REDUCED  
COSTS



MINIMIZING  
RISKS



RAILWAY TRAFFIC  
MANAGEMENT



RAILWAY  
ASSET  
MANAGEMENT



RAILWAY SAFETY  
MANAGEMENT



FIBER NETWORK  
PROVIDER & RAILWAY  
TELE-COM

- train journeys
- train characteristics
- train integrity

- track defect warning
- continuous track monitoring
- partial derailment
- physical protection
- localisation of flash over
- continuous wheel monitoring

- protecting critical infrastructure
- monitor natural hazards

- fiber health monitoring
- fiber physical protection