# Automated Track Inspection System with Video Recording, GPS Correlation and Integrated Oscillation Monitoring System for (RA)

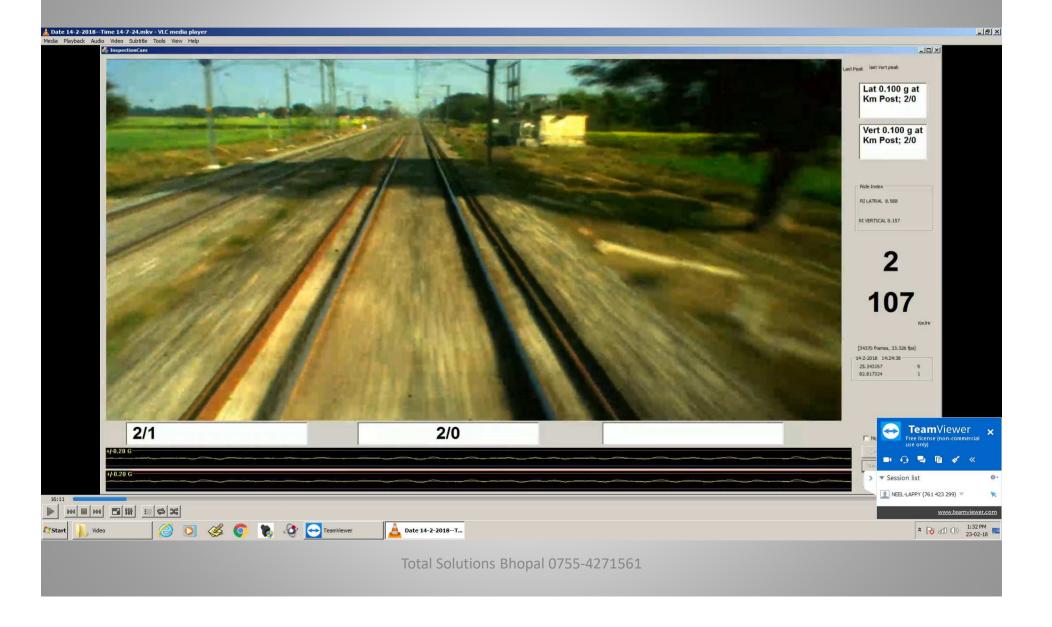
### **Short Description**

 The inspection window is on one side of the RA. On one way of your inspection you can see the track and other installation but while returning, a lot of time it is not possible to turn the coach. We have two cameras, one mounted at the inspection window and other at the kitchen side. So while returning you can do inspection on TV installed in main room.

### The Need

- Inspection needs to be visually recorded
- The records need to be accurate
- The visuals need to Geo Tagged (GPS)
- Inspection needs to continue even when coach is wrongly turned to maximize efficiency
- Inspection goes on even while you may be distracted with other administrative work

### The Solution



# The Product

• 2 x HD Camera





# Permanently Mounted GPS



### **OMS**

- Real time GPS correlation with RDPS
- RDSO approved algorithm and sensor placement
- Ride Index
- Real Time Graph of Lateral and Vertical Acceleration
- Location of Last peak
- Speed

### Components

- 2x HD Industrial Camera
- MEMS acceleration sensor
- 5 Hz GPS
- Very accurate sensor sampling rate
- Server grade PC with no moving parts (SSD)
- Complete system Integrated on Ethernet
- Permanent Mount Antenna IP67

# What you get

- HD Video of complete screen 1920x1080
   @30fps
- Various reports of OMS