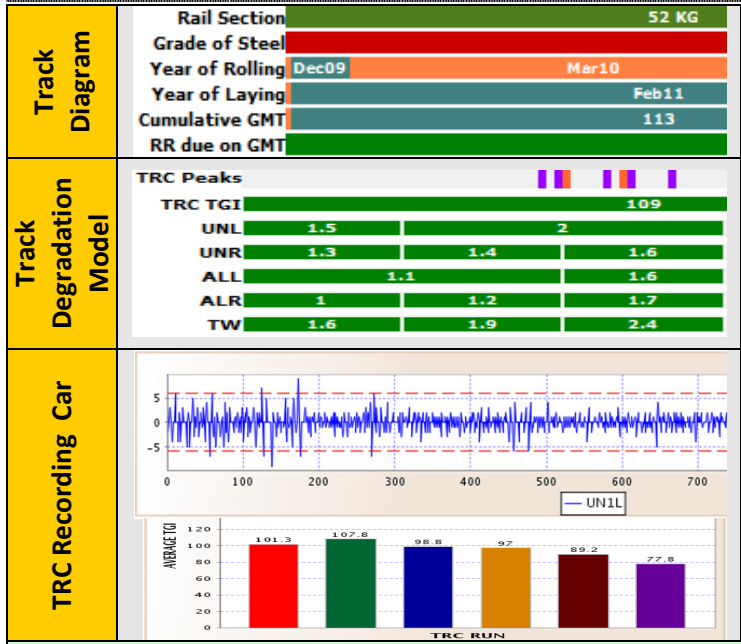
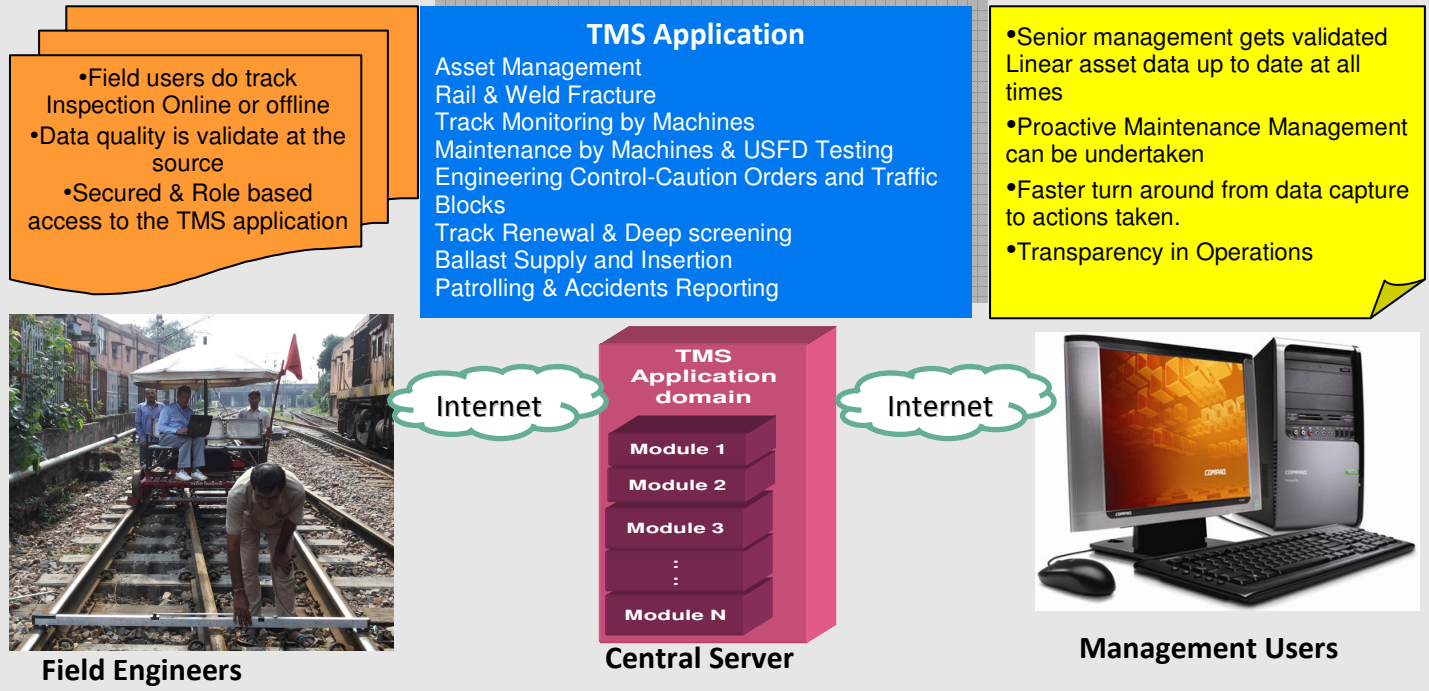


# TRACK MANAGEMENT SYSTEM (TMS)

**Objective:** The main objective of TMS is to maximise the benefits of material, equipment and manpower inputs made to track and to optimise the life and utilisation of assets without impairing the safety and passenger comfort by ensuring the optimum standards of track geometry by web enabling the existing manual system of track inspection.



- **Hardware/System Software Infrastructure :** IBM Power Systems- RISC Architecture, SAN, Tivoli Back Solution, Tivoli Directory Server, WebSphere Application Server, DB2 database, Edge Component, WebServer, Lotus Expeditor, Lotus Mobile Connect
- **Net Books:** 2340 number of Netbooks has been delivered in 28 IR divisions for TMS application.
- **DR Site:** Disaster Recovery Site has been set up implemented at IRICEN Pune for recovery of data in case of disaster which is an important feature in TMS.
- **Implementation:** TMS has been implemented in 28 divisions of Indian Railways.
- Balance 39 divisions to be covered shortly.

## Benefits:

- Prioritization of Works
- Need Based Deployment of Gang and Machine
- Overall Economy in Track Maintenance
- Overdue Inspection can be monitored
- Features needing attention can be listed
- Optimization of maintenance inputs
- Easy to manage the entire Infrastructure with centralized option.
- Reduced IT Maintenance and Personnel Costs.
- Seamless transfer of data for users moving one location to other by virtue of centralized database