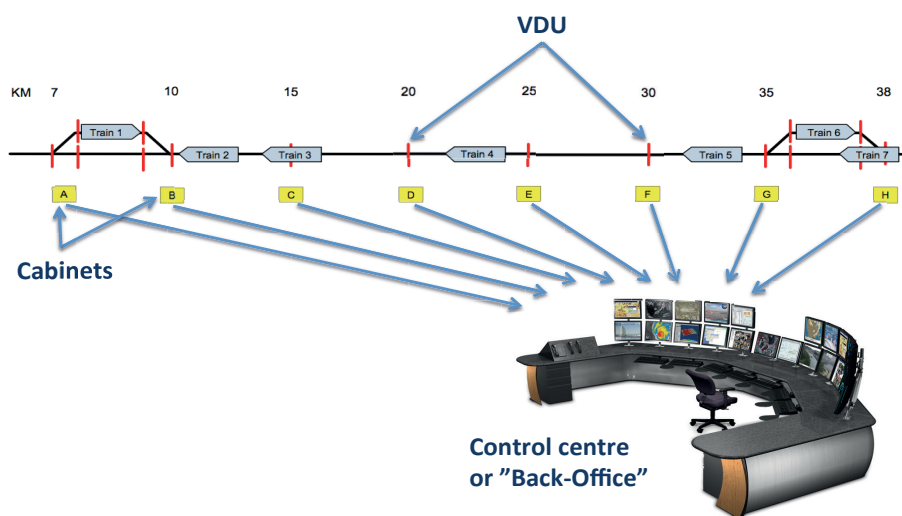
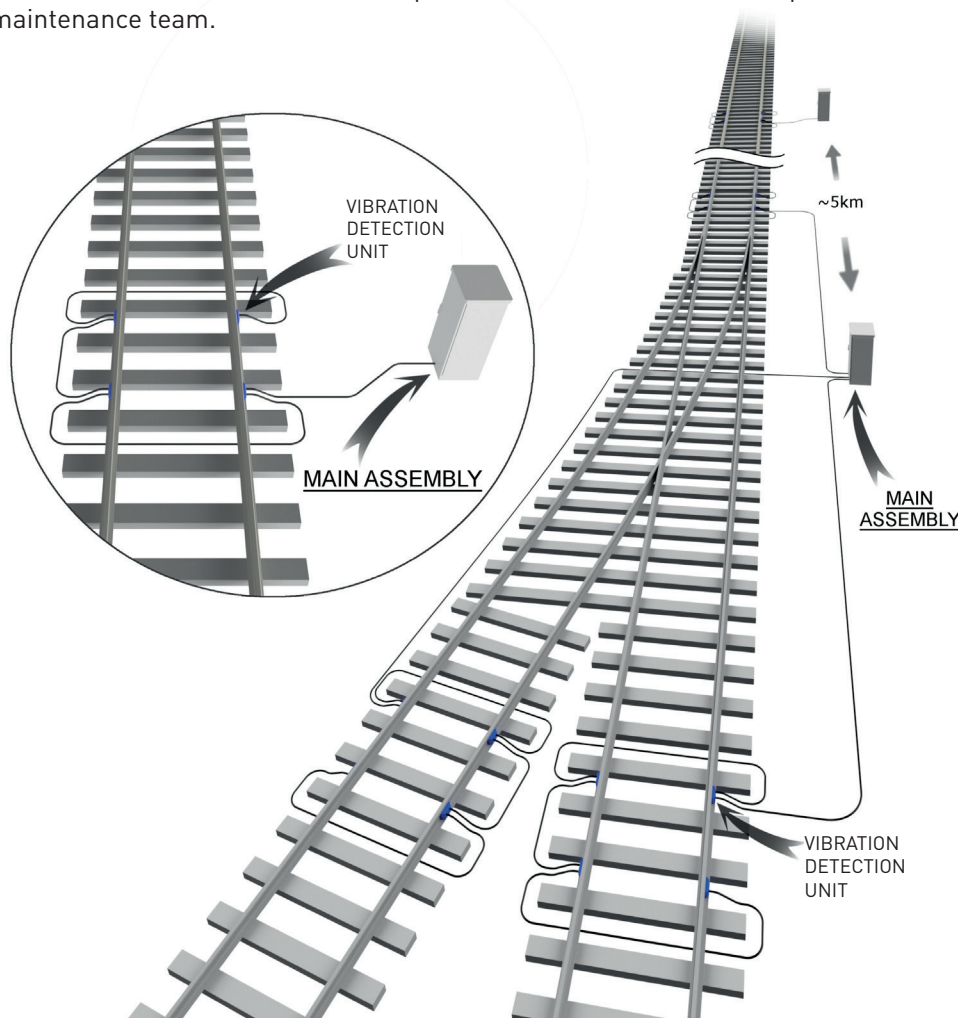


Broken Rail Detection

[BRD]

NGRT BRD is a system designed to detect cracks in the rails, complete rail separation and also any anomalies within the rail profile that could contribute to a risk of rail failure. A NGRT Main Assembly with 4 Vibration Detection Unit's per track is installed with a typical separation distance of five kilometers. After detecting anomalies and evaluating the type of anomaly, a warning is sent to the specific and identified customers' recipient, whether this is the train operational center and control, track engineers or the maintenance team.



Key Benefits

- Preventive Maintenance
- Complete infrastructure surveillance
- Each cabinet connected to Back-Office
- Available 24/7
- GSM, Ethernet, or Fibre communications
- Low power consumption
- Redundancy capabilities
- Modularity allows Client to grow as needed
- No interference with current infrastructure