

Wheel and Brake Monitoring

Consumable components such as wheels and brakes on trains require regular inspection by maintenance personnel; it is common for 100% of these safety critical components to be inspected at regular intervals. This task is time consuming and very costly for the operator.



Wheel Flat Spot

Wheel flat spots such as the one above can cause extensive damage to the track that can require replacing the track costing money and causing downtime.

Since the measurements required are repeatable and do not require the removal of components on the trains themselves an automatic measurement system can be utilised to provide more regular, cheaper and more reliable measurements.



The Delta Rail's Modular VIEW system measures critical parameters of the wheels and brakes which;

- Greatly reduces maintenance staff load by removing the need for manual inspections
- Minimises the effect of human error
- Detects defects before they cause major damage to the tracks and trains
- Allows for longer periods between replacing components without compromising on safety or reliability providing dramatic savings in maintenance
- Detects missing components such as mounting bolts to prevent catastrophic failure of safety and mission critical systems

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