

GROUNDWATER MONITORING

Groundwater levels are a critical factor when it comes to ground stability. Flooding is relative and consequences can arise even before water levels flow above the ground.

TrackBed360 is an integrated part of Railmonitors Digital Services. It enables track workers to continuously monitor groundwater levels thus reducing the risk of flooding.

TrackBed360 monitors the levels 24/7 and will send out an alarm if any thresholds are exceeded. This enables infrastructure owners to move away from reactive maintenance and move toward predictive maintenance.



View your groundwater levels in real-time in TrackBed³⁶⁰



Railway close to a stream

A POWERFUL INSIGHT

Using wireless technology, data from TrackBed360 is transmitted to a nearby gateway. The gateway in turn transfers all data to the software platform connected to Railmonitors Digital Services.

TrackBed360 provides a great overview of the monitored levels and includes options for data mining, 3D view, and trend analysis – with access from PC, a tablet or from your mobile phone.

- Insight of ground water impacting track bed stability
- Future-proof the railway for climate change
- Track decision support for drainage- and maintenance strategy