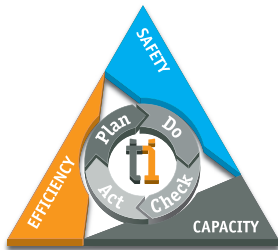


ti Dual Inventive

Ubiquitous Rail

Dual Inventive strongly believes in the further development and utilisation of the 'railway system' as a sustainable and attractive transportation mode in the future.

Dual Inventive develops and produces innovative technology systems that serve to make the railway infrastructure safer and more efficient, to maximise rail capacity, and to improve the reliability of the railway infrastructure.



Based in the Netherlands, the United Kingdom and Belgium, Dual Inventive collaborates actively in (inter)national partnership projects to develop innovative technology systems.

Please visit www.dualinventive.com for more information.

CRTM 3000

Critical Rail Temperature Monitor



The CRTM 3000 is a Network Rail approved, remote Critical Rail Temperature Monitoring system. It has been designed with ease of installation (seconds) and safety in mind. The MTinfo 3000 Cloud collates all data and instantly sends SMS and e-mail notifications when the threshold temperatures are reached.



CRTM 3000

- Attached to the rail with magnets
- Measures temperature in real-time
- Temperature range: between -25°C and +70°C
- Accuracy of 1.0°C
- Unique wireless secure network connection to MTinfo 3000 through our RC technology
- Remotely monitored via the Dual Inventive APP on a smartphone or tablet (IOS/Android/Windows) or a computer
- RF-Connection with the Gateway
- Can be left in the '4' for up to two years
- Certificate of acceptance Network Rail PA05/05415

Added value

Efficiency: Implementing Remote Control technology to measure rail temperature reduces the need for a watchman to be on site until a speed restriction is required. The sensors are magnetically attached to the track, so installation is simple, fast.

Availability: Flexible and 24/7 real-time monitoring via world-wide secured network. Retrospective reporting is also available for audit purposes showing compliance to the relevant standards.

Safety: Flexible and 24/7 real-time monitoring via world-wide secured network. Retrospective reporting is also available for audit purposes showing compliance to the relevant standards.



MTinfo 3000 In Control

The MTinfo 3000 Cloud synchronizes data from CRTM 3000 using our RC technologies. This allows for real-time monitoring and control of the equipment (via smartphone, tablet or computer). This data can also be downloaded retrospectively through the MTinfo 3000 Cloud.

