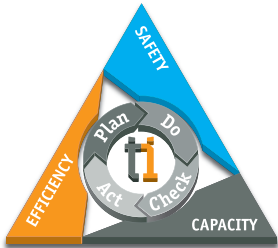


# ti DualInventive

## 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](http://www.dualinventive.com) for more information.

### ATWS 3000

### Automatic Track Warning System



ATWS 3000 is a wireless, portable, and failsafe warning system with remote control functionality which is deployed at work sites on the railway. It gives advanced warnings of approaching trains to work groups operating within a protected area. With ATWS 3000 track work can be done without decommissioning and with a high level of safety for track workers.



## ATWS 3000 Detection and warning

- Ultrasonic detection of approaching trains
- Failsafe warning unit with visual and acoustic bi-sound 106 dB(A) warning
- Developed in accordance with EN50126, EN50128, EN50129 and EN16704-2-1 at SIL-3
- Monitoring and controlling of the configuration via the secured web portal MTinfo 3000 and the Dual Inventive APP
- Internal battery. Status indicated on the device as well as remote. Failsafe and fast charging for rapid deployment
- Light weight and easily transportable
- Wireless, using the Dual Inventive IP based mobile data network

## Added value

**Efficiency:** Implementing Remote Control technology for work area safety brings efficiency. Installing the equipment is safe and quick.

**Availability:** Safe, direct and fast access to the track decreases delay in train traffic.

**Capacity:** More rail capacity is available for train traffic by executing the works more efficiently.

**Safety:** Advanced warnings of trains approaching. Track workers have sufficient time to reach a safe refuge.



## MTinfo 3000 In Control

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

