DYWIDAG Void Monitor

MADE IN
THE UK

Network Rail Product Approval Number: PA05/06798

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DYWIDAG Void Monitor is an innovative dynamic track void monitoring system. It is remotely programmable and provides continuous recording of track stability.

The DYWIDAG Void Monitor records the vertical deflection of the track under train loading at high frequency and streams data to Infrastructure Intelligence.

Managers have continuous access to dynamic track void readings via smartphone, tablet or computer and removes the requirement to access the track.

Each Void Monitor can be configured to alarm in the event of void detection with alerts sent to any number of recipients by SMS, email or direct communication via DYWIDAG's Control Centre in Manchester.

The DYWIDAG Void Monitor is a cable free, compact, portable and highly durable solution for Permanent Way Managers responsible for maintaining track stability.

It's rapid easy-fit locking mechanism makes it easy to install and relocate. An in-built solar panel means that the DYWIDAG Void Monitor may never need recharging once in the field. The DYWIDAG Void Monitor provides Permanent Way Managers with crucial information about the presence of track voids allowing them to anticipate potential failures, safely schedule maintenance work, reduce the cost of repairs and improve safety.

Key Features

- Single action dual purpose "carry-clamp"
- Designed for the rail enviroment
- Compact and portable
- Rapid easy-fit locking mechanism and anti-tamper option
- Simple to install
- Built-in multi-network communications platform
- In-built GPS locator
- Interactive web-view of data on Infrastructure Intelligence
- Multiple and variable alarm limits, communicated online, by SMS or email to technical support

Key Advantages

- Removes the need for manual on track measurements
- Optimizes resource management
- Reliability, accuracy and repeatability
- Suitable for short and long term deployments
- Continous measurement of track voiding
- Remotely programmable
- Multi-network on board communications platform
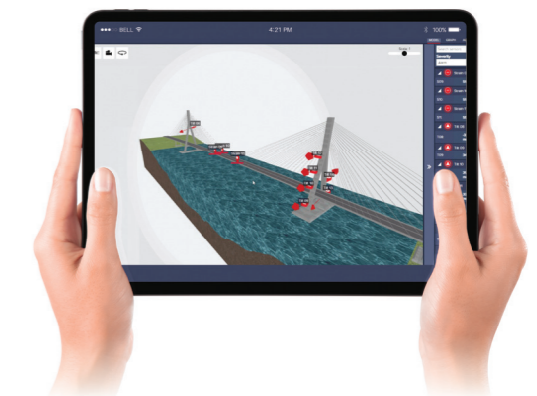- GPS locator

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Infrastructure Intelligence

Infrastructure Intelligence is a secure software application developed by DYWIDAG. It complements all of DYWIDAG's services and products providing a powerful data management and presentation solution. The user interface provides concise presentation of complex data.

Example Features

- Interactive map view of all sites or projects
- Customizable layout options to view sensors at site
- Interactive graphing engine
- Configurable alerts to be sent via email or text
- Complete control of users and user groups
- Security features from Microsoft Azure

ANY QUESTIONS? PLEASE CALL US +44(0)161 797 5511

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