



VoidMate
TRACK VOID MONITOR



Is your track smart?

Dynamic Track
Void Monitoring



Network Rail Product
Approval Number: PA05/06798

MADE IN
THE UK



Take control of detecting track instability by using VoidMate



Key Features

- Single action dual purpose 'carry-clamp'
- Designed for the rail environment
- 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 Platform Interactive
- Multiple and variable alarm limits, communicated online, by SMS or email with 24/7 technical support



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

The VoidMate records the vertical deflection of the track under train loading at high frequency and streams data to **Platform Interactive**.

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

Each VoidMate 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 Datum's manned 24-hour Control Centre in Manchester.

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

Its rapid easy-fit locking mechanism makes it easy to install and relocate. An in-built solar panel means that the VoidMate may never need recharging once in the field. VoidMate 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 Advantages

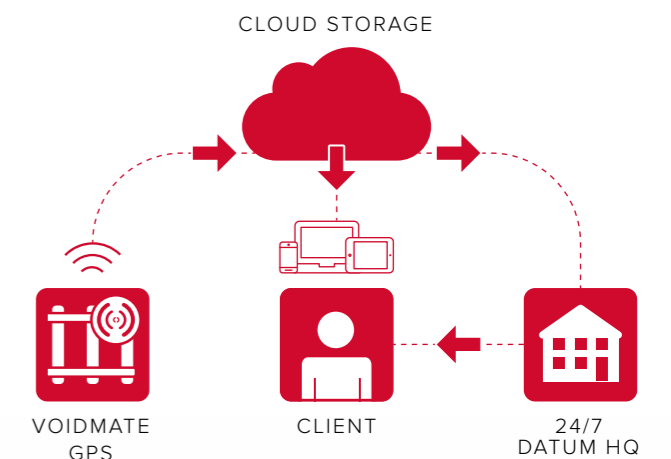
- Removes the need for manual on track measurements
- Optimises resource management
- Reliable, accurate, repeatable
- Suitable for short and long term deployments
- Continuous measurement of track voiding
- Remotely programmable
- Multi-network on board communications platform
- GPS locator



Platform Interactive is a secure software application developed by Datum Interactive. It complements all of Datum'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
- Customisable 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





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