

Together we deliver



DataMap™ Lite

The complete
solution to linear
asset management

Keep track of your assets with DataMap™ Lite

One of the challenges infrastructure owners face is managing large volumes of infrastructure data in a simple, effective and controllable manner. Using a combination of proprietary software, GIS/relational databases and modern online technologies, Balfour Beatty offers an affordable software application which allows users to collect, store, analyse and visualise all aspects of their engineering data in one place.

DataMap™ Lite is a Windows compatible visualisation and analysis tool which is used to synchronise data from various measurement or recording systems and spatially locate the information on a geographical map.



Rail sector

Rail – Asset management solutions



Rail operators and infrastructure owners have the same primary objectives:

- Improve traffic safety and reduce risk of accidents
- Enhance network availability and usage of possession time
- Decrease maintenance costs and extend asset lifecycle

Balfour Beatty's DataMap™ Lite can help to achieve these objectives by providing a complete asset management solution.

DataMap™ Lite helps make the best use of data by making it simple to understand and providing the foundation for "predict and prevent" maintenance regimes. This enables the optimisation of track maintenance.

It can take data from any number of different sources,

recorded on different vehicles and dates, and spatially align them together on a geographical map of the rail network.

For example, a combination of track geometry, structure gauging and video can be used to provide the user with detailed information relating to the track asset and the surrounding infrastructure at a specific location anywhere on the network.

DataMap™ Lite allows the user to choose the appropriate level of data capture and provides high level analysis and visualisation on:

- » Ride
- » Track geometry
- » OHL parameters
- » Video
- » Ballast profiles
- » Rail profiles
- » Rail wear
- » Corrugation
- » Shoe gear accelerations
- » Statistics and exceedences
- » Structure survey and stress data



Asset inspection monitoring and field analysis

Utility companies need access to the very best asset inspection and monitoring services, analysis and advice.

DataMap™ Lite can host and support any form of asset inspection and management by accepting all forms of data collection and assist engineers with key inspection regimes.

- » On-site inspections
- » Asset analysis
- » Safety enhancements
- » Maintenance forecasting and scheduling
- » Works management



Features

- » Low and simple set up costs
- » Supports a wide range of data sources
- » Effectively integrates with third party systems
- » Supports trend analysis
- » Offers statistical and exceedence reporting
- » Spatially synchronises all data to a linear map



Benefits

- » Able to view any asset at any one time
- » Promotes predict and prevent maintenance
- » Improves safety case requirements
- » Extracts relevant information from large volumes of data
- » Scalable – start small and grow the system as your needs increase
- » Developed and supported by an experienced player in the field of railway asset monitoring and maintenance



Balfour Beatty
Quarntill House
Stores Road
Derby
DE21 4XF

Tel 01332 225130
Email software@bbrail.com