Laser Rail
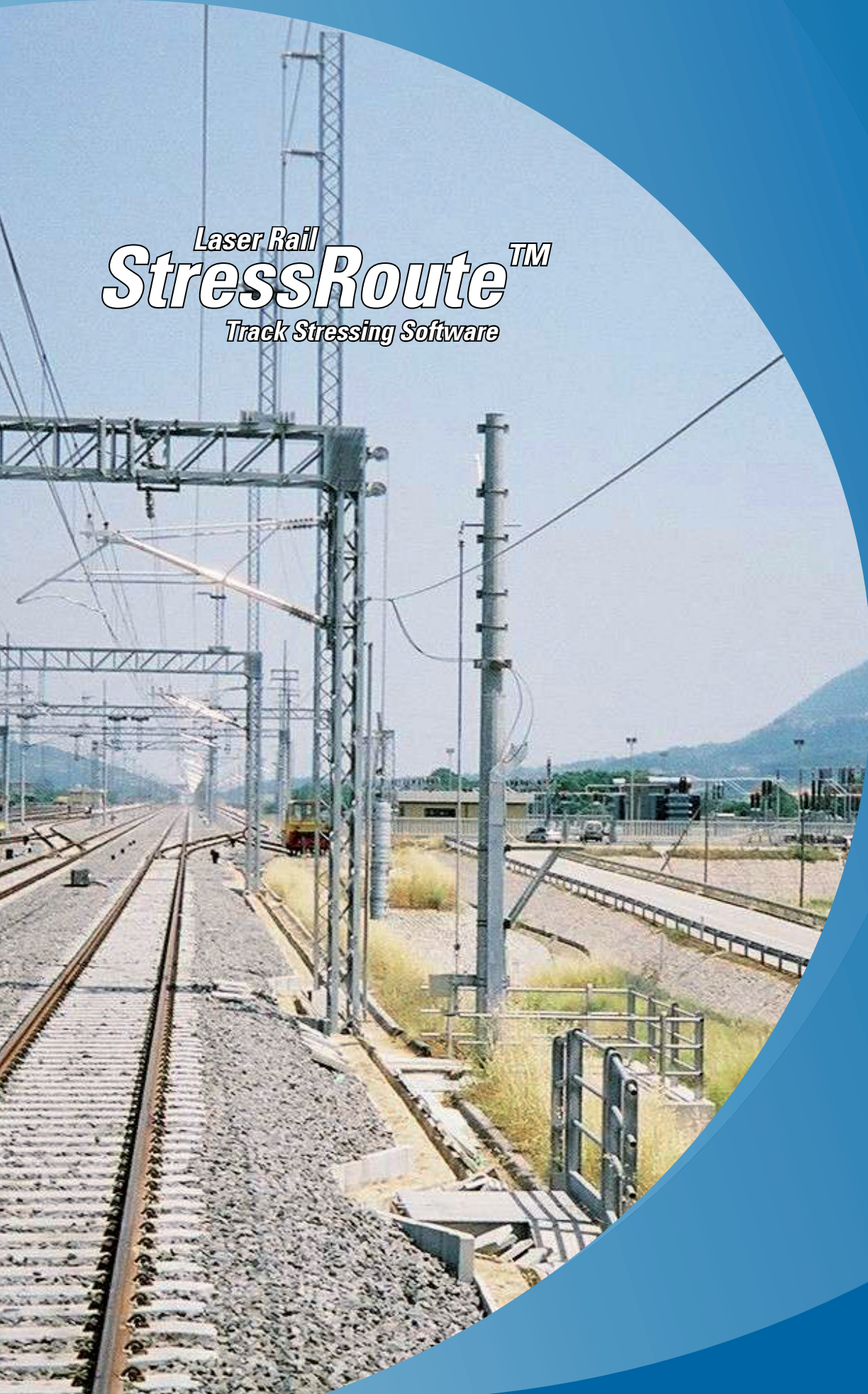# *StressRoute*™
Track Stressing Software

Keeping track of all your
Stressing data

StressRoute™ is a visual software package designed to provide railway infrastructure maintenance personnel with a means of recording and storing all stress related rail data effectively and securely. With today's constant pressures of safety within the rail industry it is imperative that the monitoring of assets and control over routine rail maintenance, such as track stressing, remains at the forefront of infrastructure productivity by using software systems that assist with the capture of this vital on site information.

The monitoring of stress related maintenance work on the infrastructure and metro networks can be resource dependent, time consuming and costly.
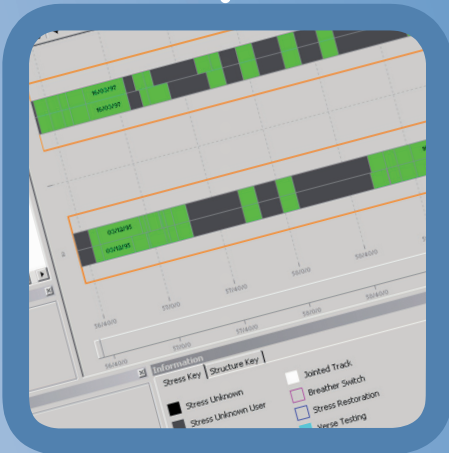
As part of the current track maintenance programmes it is the responsibility of the infrastructure owner and track contractors to ensure that all track maintenance procedures are in place to highlight any areas that require urgent track stressing or monitoring of routine track work.

The software has been designed as a tool to maximise the value of stress related workloads enabling critical stressing data to be viewed and manipulated visually from individual locations, with the main database being held within a central location.

Benefits of StressRoute™

- Provides a visual overview of all track and structures that are related to stressing conditions on on both infrastructure and metro related networks

- Compared to manual methods of reporting, **StressRoute™** provides a database and reporting system that will save valuable processing time

- Provision to import and export stressing data for quick analysis

- Reduces paper usage and the manual storage of records

- Can also be used to assist with audit and traceability purposes

Use StressRoute™

StressRoute™ has the ability to provide a database that holds records of lines and structures, each of which is associated with a particular site location.

Structures and assets such as bridges, S & C and track may be entered and displayed graphically and can also be configured by the user.

Features and capability

- Stores rail stressing/disturbance records
- Enables monitoring of critical temperatures within the rails
- Complete with standard template reports that can be adapted for use and exported to MS Excel
- Provides visual tools to aid data management
- Increases traceability and security
- Upload and display of VERSE Testing records
- Prioritises sites that require stress related inspections
- Automatic overdue stress records option
- Database warnings
- Mileage history
- Printing and plotting facility
- Stress age profiling

StressRoute™

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