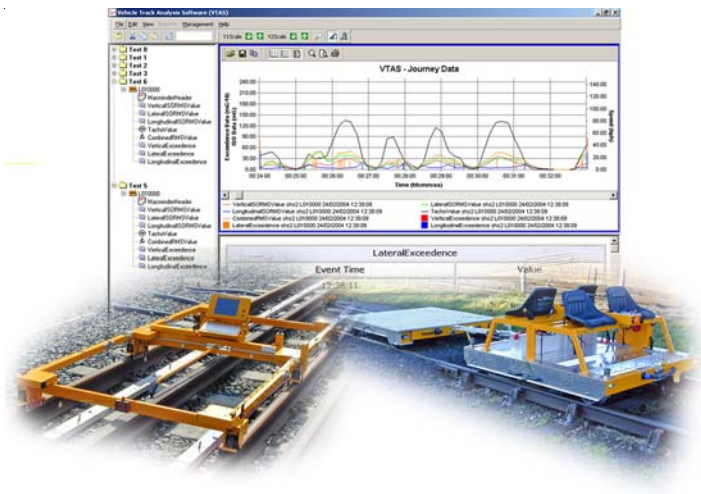


Railway Measurement, Track Geometry and Rail Utility Vehicles

Consillia provides professional and innovative solutions to customer specific requirements in the measurement of railway track parameters, infrastructure and ride performance areas. This is complemented by the Company's range of rail utility and emergency rescue vehicles.

It is Consillia's objective to work with its customers to ensure that the solutions provided, meets specification, are cost effective, include state of the art technology yet still meet the stringent safety standards required on today's railway networks.



Capabilities

- Track Geometry Trolleys
- Rail Utility Vehicles
- Ride Performance Measurement
- Specialised Measurement
- Analysis Software
- Design and Manufacture
- Custom Solutions
- Service and Calibration
- Achilles / LinkUp Approved

For more information, please contact the Consillia Sales Team

sales@consillia.com

Track Geometry Trolleys

Consillia's equipment is proven in the measurement of most track parameters. Basic models measure gauge, cross level and twist. Moving through the range, top, switch clearance, left and right versines can also be monitored. For the measurement of long distances of track, Consillia offers a self propelled measuring frame, which adds topography, 5m versines, corrugation, platform gauging and conductor rail options to the list of measurements.

Rail Utility Vehicles

Consillia designs and manufactures a range of lightweight rail utility vehicles for the transportation of personnel and equipment to site. All models are self powered, have the ability to tow trailer systems and can be supplied for a 2, 4 or 9 man carrying capacity. For areas where access is restricted, Consillia has designed a cart that splits in half for easy management, with quick and simple re-assembly.

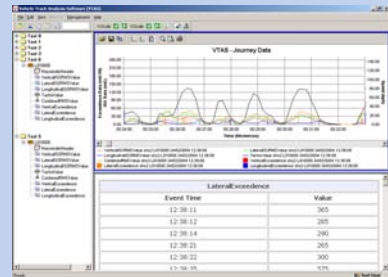
The Company has also developed and produced a range of vehicles and equipment for use within the rescue services.

Ride Performance Monitoring

A range of stand alone, portable, vehicle performance systems provide an easy solution to on board, in service monitoring requirements including type testing, fault testing and condition based monitoring. Both attended and unattended systems can be supplied for measuring ride comfort, vehicle vibration and dynamics. Data can be stored for up to 24 hours and if a speed signal is available this can be recorded to provide a full journey profile of measurement data against a distance base.

Analysis Software

Consillia's Vehicle Track Analysis Software (VTAS) has been designed to display data collected from Consillia's range of ride performance and track geometry equipment. Data is imported via a series of "plug-ins". This modular philosophy provides a way to ensure compatibility with legacy hardware, current equipment technology and future proposed wireless systems. All data can be synchronised with a custom overlay, for example milepost annotations, structure position and GPS data. Reports created in other packages can be imported into VTAS enabling company consistent data to be produced. Export options include printing and transfer to other standard software packages



Specialised Recording Units and Measurement Trolleys



To enable Consillia to provide solutions across the broad spectrum of Railway, Metro and Urban Tramway systems, the Company has developed systems that are specific to certain areas. These include trolleys designed to measure concrete height around embedded track, units for measuring rail top irregularities and instruments for recording the profile of the rail head. Consillia would be pleased to discuss any further applications that require specialised measurement, with a view to developing an acceptable solution at a reasonable cost.

Custom Design and Development

The supply and success of Consillia's range of railway monitoring and measurement solutions has led to many requests for equipment to be specifically built to fulfil custom applications, for example, "to provide a method of transporting personnel to vehicle accident sites where time is of the essence". Consillia is aware that there are occasions when standard "off the shelf" equipment does not meet these specific requirements. To help address this shortfall, the Company provides solutions to individual applications or adapts existing products to meet customer requirements. From the initial concept of an idea to the delivery of equipment, it is Consillia's objective to work with its customers to ensure that the solutions provided, meet customer specification, are cost effective, include state of the art technology yet still meet the railway networks stringent safety standards.

Calibration, Service, Repair and Consultancy

Based in Shardlow, Derbyshire, Consillia has an extensive test and calibration laboratory specifically set up to provide dedicated support, service, repair and calibration for all of its product range. The Company is fully traceable to UKAS standards and provides full documented reports for repair and maintenance. Utilising its many years of experience, Consillia also provides expert advice and consultancy on a wide variety of matters relating to the measurement of track parameters and ride comfort.



About Consillia

Consillia was formed in 2006 to develop and expand a long established rail business. With a foundation built on over 25 years of experience, and the quality and determination to achieve solutions for customers in a timely fashion, Consillia's background is firmly based as a leading worldwide provider of Railway Measurement and Monitoring equipment. These high standards are confirmed by the retention of the Consillia's status as an Achilles / LinkUp approved supplier.

