Serco are at the forefront of continuous, in-service overhead line monitoring for the rail industry.

Serco’s extensive experience in pantograph testing and overhead line monitoring enabled us to develop an unattended pantograph monitoring system in partnership with Transmissions Dynamics Ltd. The system is capable of being fitted to vehicles operating in passenger carrying service and has been designed to automatically detect and report the type of fault which lead to pantograph damage and possible de-wirement incidents.

The fitting of the unattended pantograph monitoring equipment to trains operating in normal passenger service enables monitoring across large parts of the infrastructure on a daily basis. This is done at line-speed without the need to run additional specialist test trains or interrupt the network.

The Unattended Pantograph System combines the latest technology to provide:

- Accurate location of incidents using GPS coordinates
- Real Time Alerts of incidents
- Real Time Data streaming via Bluetooth
- Signal waveform and context data for post analysis using viewer software
- Statistical mapping of event locations according to a number of variables (train speed, coordinates, direction of travel, time and date etc.).

For more information telephone: +44 (0)1332 262672
Email: enquiries.srts@serco.com or visit: www.serco.com/srts

Serco Rail Technical Services  @Serco_RTS