



Client focus: Dates: Autumn 2004, 2005, 2006 and 2007

Network Rail Technologies: Database-driven, web-based mobile reporting

Autumn Leaf Clearance Contract Website: <http://www.ambitdatamapping.com>

Network Rail owns and operates Britain's rail infrastructure, striving to provide Britain with a safe, reliable and efficient railway. Autumn leaf fall causes delays due to 'leaves on the line'. The leaf mulch forms a teflon-like coating on the rails causing trains to slip & slide, both delaying the trains and damaging track and train.

#### Brief requirements

Network Rail uses a combination of 'leaf-busting' teams, Sandite trains and trackside gel applicators to combat this annual problem. With the two-man teams working directly on the track, safety is of paramount importance.

The management also needs to know the whereabouts and status of the teams, so they can be directed to the danger spots.

#### Solution

We developed a web-based solution which uses GPS technology and incorporates real-time location reports, workers' activity and safety alerts. Field workers access the system via mobile phones. Network Rail management can instantly ascertain the overall picture and ensure the delivery of a safe, compliant and cost-effective service.