H42: Case Study

NEW!

Field service

Road maintenance & Incident support

End user:

Balfour Beatty

www.rcs.co.uk

Configuration of Gotive systems deployed:

H42TM

Functionality:

RCS developed its own software - REDCap (Really Easy Data Capture) - specifically for the Gotive platform. This software also integrates with the company's GPS-based Vehicle Location System, and with its back office systems. The REDCap software consists of simple 'button-press' and 'drop-down' menus tailored to each maintenance operation.
The Gotives are fitted into the companies gully (drains) cleaning vehicles and are also currently being deployed in Incident Support Units (ISUs) and General Maintenance Units (GMUs).
In the case of the gully vehicles, as soon as the drivers arrive at a gully, they enter information into the Gotive about the type and state of repair of the unit and whether a revisit is required to attend specific faults.
The information is paired with Coordinates from the in-vehicle GPS system and automatically sent (using GPRS) to RCS's central database.
In the case of ISUs and GMUs, data relevant to an incident or job is recorded alongside the GPS coordinates, such as materials used, defects found and labour and plant allocation. This geographically referenced data is used to provide reports and to prepare invoices for their local authority and Highways Agency customers.

Country/geographical area: **United Kingdom**

RCS, the term maintenance business of Balfour Beatty plc, is based in Basingstoke and has a regional network of offices and depots. The company has a mobile workforce of over 1,500 people, and specialises in highway maintenance, street lighting maintenance, off-track rail maintenance and civil engineering projects.