

NATIONWIDE TRAFFIC MONITORING — UNITED KINGDOM



Q-Free supplies, installs and maintains the automatic traffic counter equipment for the Department for Transport's (DfT) Statistics Branch National Core Census Automatic Traffic Data Collection (ATDC) System. This comprises of approximately 300 highly specified classifiers (or outstations) throughout Great Britain on a selection of minor, major and motorway standard routes, including the London ATDC system with approximately 70 classifiers.

All of the ATDC sites (HI-TRAC® 100+ and HI-TRAC® EMU3 technology) communicate via General Packet Radio Services (GPRS) to a dedicated in-station hosting the data, which is updated every five minutes to provide real-time information to the customer. Each DfT roadside unit stores up to 365 days of data, so should communications fail, there is sufficient time to attend and recover any missing information.

Q-Free supplies, services and repairs all of the outstation classifiers including all ancillary equipment such as modems and electrical apparatus and provides the installation of new sites and repairs to

existing ATDC sites. Works are coordinated by Q-Free's Engineering Services team who liaise with road authorities across the UK, due to the spread of approximately 300 ATDC sites across the country.

Q-Free provides frontline maintenance at each site biannually. Using bespoke software developed in partnership with Drakewell, in conjunction with the DfT, each inspection visit is thoroughly undertaken, including the recording of inductive loop and piezo-electric sensor values, the logging of all components within an integrated asset management module and various interval tests to ensure logging is within specification. A detailed report is sent to the DfT on the site condition and information on any preventative measures that may be required either immediately (via the raising of a fault under the visit) or for advisory purposes for future consideration.

www.q-free.com

For more information contact marketing@q-free.com

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