

# Van Excellence

## Engine remapping – economy and efficiency



Historically engine remapping has been the preserve of boy racers hungry to obtain additional performance from their 'hot' hatch.

However, BT Fleet, which manages the 33,000-strong vehicle fleet operated by BT, considered engine remapping as being a potential cost-saving opportunity after being charged by its parent company with making operational cost savings.

The Engine Control Unit (ECU) is used to control a wide variety of vehicle characteristics including throttle, engine rpm, torque and speed, which in turn determines power output, MPG and CO<sub>2</sub> emissions. By optimising the ECU to the ideal profile for individual fleet operations, BT Fleet's Engine Remapping service enables operators to achieve significant fuel and CO<sub>2</sub> efficiencies all within manufacturer tolerances and warranties. Importantly, high levels of driver satisfaction have also been achieved with the new technology, with many drivers commenting on how responsive the engines feel after the remapping.

Developed in collaboration with Viezu, the recorded fuel efficiency gains are substantial and typically between 11-16 per cent. Already implemented across BT's 22,000 commercial van fleet, this has resulted in savings of £4m per year and cut 25,000 tonnes of CO<sub>2</sub> from exhaust emissions; the equivalent of removing 1,900 London taxis from the UK's roads.

Such is the ready impact and recognised industry-wide potential for engine remapping that BT Fleet won the *Fleet News 2013* cost saving initiative of the year and *Motor Transport's* best use of technology for 2013 awards.

BT Fleet's Engine Remapping service is now available to all commercial fleets in the UK. Trained technicians at BT Fleet's owned



network of 64 garages perform the service. The remapping can be done alongside other scheduled works and requires no other action by the vehicle owner or driver to start achieving immediate results.



BT Fleet



ROUTEMOMOKEY®

TOMTOM®