

## Case Study

ServiceCam live gas CCTV system prevents need to excavate and mole 20 meter long driveway by identifying poor pressure problem, saving £1,000

### The Facts

- Detached house on Richmond Road, Wolverhampton
- Poor pressure has caused the customers boiler to cut out several times—requiring call outs
- Service type is 1" metallic lined with 20m PE
- Suspected Tee connecting to adjacent property
- Works carried out in November 2015
- Client is National Grid Gas Distribution
- Approved ServiceCam live gas CCTV system for services used by single operative
- Estimated savings £1,000 by avoiding excavations and use of Mole



### The Traditional Method

- Excavate two 1m<sup>2</sup> holes in customers block paved & tarmacked driveway
- Use mole to tunnel under 20m driveway
- Each excavation costs £200.00 plus equipment for mole
- Estimated time 4 hours

### How ServiceCam worked

- Access to the service as made through the ECV under live gas conditions
- The ServiceCam pushed through the 20mm PE lined 1" metallic service up to 20meters
- No Tee was located—the service was connected to the parent main in the road
- A single excavation can now be dug outside of the customers property boundaries to resolve the issue of over insertion of 20mm PE



+44 (0) 1423 816 060

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WWW.SYNTHOTECH.COM



SYNTHOTECH  
innovative engineering

Synthotech Limited

Milner Court, Hornbeam Square South, Hornbeam Park, Harrogate, HG2 8NB

[info@synthotech.co.uk](mailto:info@synthotech.co.uk)

[www.synthocam.com](http://www.synthocam.com)