

## Case Study — ServiceCam 01

Gas Distribution Network saves £1,000 on a single job, reducing excavations & avoiding 20m mole, using ServiceCam to quickly identify cause of poor pressure.

### The facts

- Large detached house with 20m long block paved & tarmacked driveway.
- Homeowner's boiler having repeated cut-outs due to low gas supply pressure, requiring multiple call outs.
- Service is 1" metallic, lined with 20mm PE.
- Gas Distribution Network suspected that the service might include a Tee feeding the adjacent property.
- Approved ServiceCam live gas CCTV system for services, single operative use.
- Estimated savings £1,000 by reducing excavations & avoiding 20m mole.
- Works carried out in November 2015.



### How ServiceCam helped

- Access to the service made through the ECV under live gas conditions.
- ServiceCam pushed along the 20mm PE lined 1" metallic service to its maximum distance of 20m.
- No Tee was located, the service was connected directly to the parent main in the roadway.
- Cause was over insertion of 20mm PE, resolved by digging a single excavation outside of the property boundary.



### The traditional method

- Excavate two 1m<sup>2</sup> holes in property block paved & tarmacked driveway.
- Use mole to tunnel up 20m long driveway then install new service.
- Each excavation costing upwards of £200, plus mole equipment.
- Estimated time 4 hours.



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