

# Thameslink Programme Health & Safety – Good Practice 038

## EZiCAT

### Overview/Description Redevelopment

Throughout 2016, the London Bridge team had a number of events which highlighted there were issues with safe digging around live services. Despite a permit to dig review held in May 2016 and a number of process improvements, events continued to occur.

An excavation workshop was set up in January 2017 involving Costain and Network Rail to review the events and key findings from investigations and with collective knowledge identify improvement opportunities.

As a result of the workshop there were a number of additional actions implemented which included the introduction of the EZiCAT i500 cable locating device.

The EZiCAT i500 is ideal to use before any excavation work to help identify and avoid striking a buried utility.

### Key Elements

The EZiCAT i500 is robust and easy to use. It's simple to operate, so you can just press the trigger and start locating. It provides intelligent data for management use also.

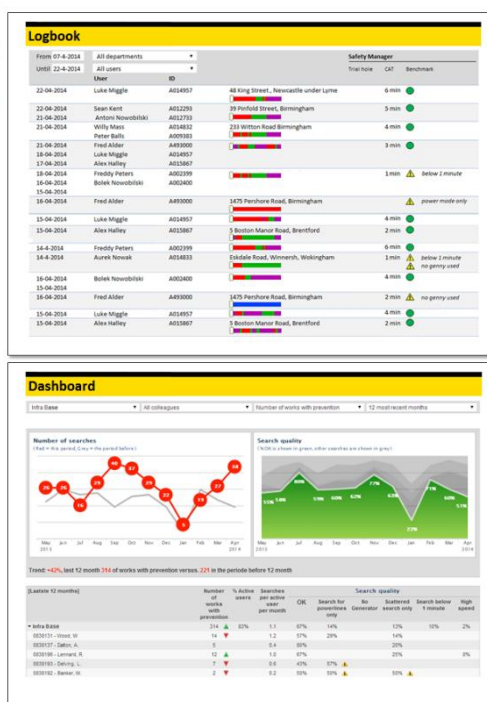
It can be used to detect a number of different cables or pipes:

- Electricity cables
- Data / telecoms cables
- Conductive pipes (including; steel, cast iron etc.)
- Non-conductive pipes or cables (including; clay, concrete etc.) when used in conjunction with Cable Detection's accessories and/or EZiTEX signal transmitter to detect them.

The **Network Rail approved** cable locator is suitable for a wide range of applications and can be used with the EZiTEX signal transmitters and EZiSYSTEM accessories for increased accuracy and applications.

### Benefits

- Stores GPS location of scanned area, modes used when scanning, how long it was used for and by whom.
- Intelligent data that can help manage how the device is used on site.
- Intelligent data can be used to review training requirements.
- Data can be extracted for use in accident investigations.
- Scans can be overlaid on to topographical plans showing type of service and depth.



For more information please contact [Dominic.thompson@networkrail.co.uk](mailto:Dominic.thompson@networkrail.co.uk) or visit the manufacturers website at: <http://www.cabledetection.co.uk/ezicat-i500>