

TOUCAN

Thermal imaging Observation techniques
for Underground CABLE Networks

ACUTEST
Test Instrument Specialists

SUPPLY
REPAIR
CALIBRATION
TRAINING

Strategic Partner for Project TOUCAN

- ✓ **TOUCAN Expertise** - We are SSE's trusted partner for their successful TOUCAN roll-out.
 - Ensure your TOUCAN project is delivered successfully with our knowledge and guidance.
- ✓ **Experience & Support** - A proven track record as test instrument specialists, spanning 25 years.
- ✓ **A Single Solution Provider** - Hassle-free consultation and instrument supply, with a dedicated account manager to provide on-going support for your business.
- ✓ **Bespoke training** - Nationwide training for your field operatives, tailored specifically to your requirements.
- ✓ **Trusted** - Approved supplier and calibration centre for major test instrument brands. ISO 9001 accredited.
- ✓ **Recognised Innovative Thinkers** - Finalists at the UK Energy Innovation Awards 2017.



"SSEN could not have asked for a more effective partner for the TOUCAN project. Acutest have shown they can not only deliver the goods but also provide the ongoing support SSEN have needed along the way. For us... they were the obvious partner to team up with."

Kevin Dennis TOUCAN Project Manager Scottish and Southern Electricity Networks (SSEN)

 Scottish & Southern
Electricity Networks



SUPPLY



SSEN sought our impartial advice on thermal imaging camera specifications, based on our extensive knowledge which resulted in a narrowing-down of 120 cameras to 20.



We supplied a selection of 20 thermal imaging cameras from 5 mainstream manufacturers for an 18-month field-trial period. Initial trials were supported through demonstrations and training in the field.



We were involved in feedback and knowledge sharing, leading to a second selection and consultation process resulting in the FLIR E5 being chosen to complement existing tools used by SSEN's teams.



Project objectives:
Faster supply restoration
Reduce excavation costs and risks
Mitigate exposure to fines
Reduce customer complaints
Improve network safety and reliability
Improve performance of underground LV circuits



The World's Sixth Sense™

Chosen model
FLIR E5

- One-handed operation
- Good price/performance
- Robust and sturdy design
- Works 'out of the box'
- Simple menu layout

"The new cameras are really light, portable and simple to use. Over the last couple of months, they've made my job a lot easier."

Tony Rhodes, team manager at SSEN's west London depot



Working closely with FLIR we supplied over 270 FLIR E5 thermal cameras, meeting all deadlines to 17 depots, from the Isle of Wight to Inverness.

TRAINING



We delivered bespoke training courses with literature devised and integrated within SSE's material.



LV faults were simulated in the 'classroom' with the use of different ground surfaces. Training covered how to fully utilise the camera's menu settings, increasing performance for the specific application.



The training objective was to leave the field operative with a high degree of operator confidence in both the camera and their ability to locate low voltage faults quickly and efficiently.

23 training courses rolled out alongside SSE's project deployment, covering 15 depot locations.

To date 273 field operatives in England and Scotland have received training.



RECOGNITION



USE OUR KNOWLDGE EXPERIENCE & SUPPORT FOR YOUR TOUCAN ROLL-OUT

SINGLE SOLUTION PROVIDER

Acutest can help roll-out the TOUCAN project in your utility. Use our knowledge, experience and support to make this transition easy and efficient, from hassle-free purchasing through to the professional training of your field operatives.

Partnering with Acutest will mean a smooth roll-out, continued support and bespoke training as required.

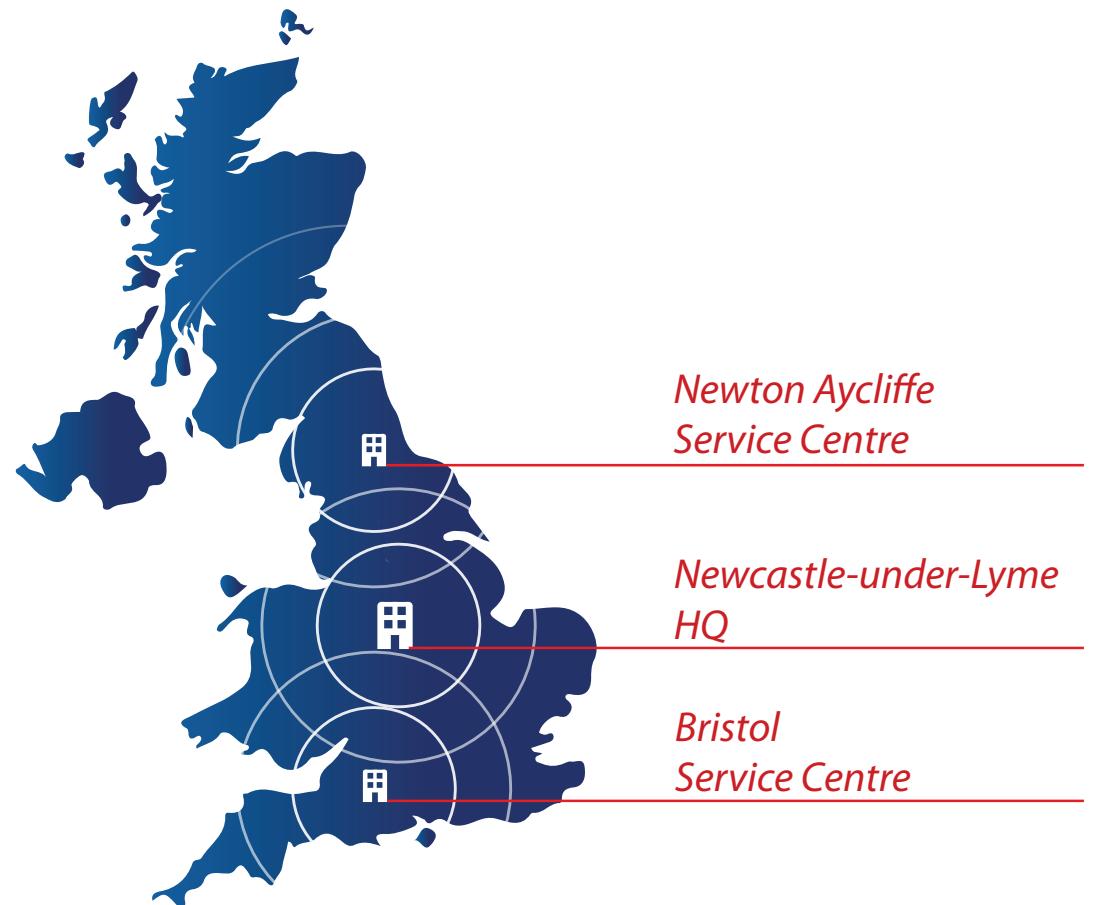
Please contact a sales manager in your area to discuss your requirements.

We are here to help you.

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