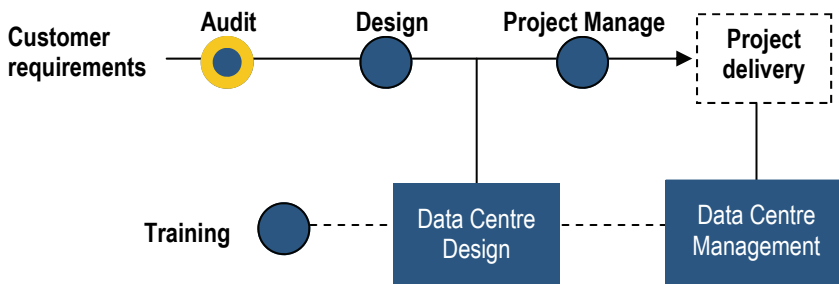


CAPITOLINE

DATA CENTRES AND IT INFRASTRUCTURE



Using the latest Forward Looking Infra Red (FLIR) thermal analysis techniques Capitoline can add this valuable analytical technique to our standard data centre audit service.

It's easy to miss critical problems with a spot IR thermometer. A FLIR thermal imaging camera scans entire components giving you instant diagnostic insights showing the full extent of problems.

FLIR Systems' thermal imaging systems use state-of-the-art infrared imaging technology that detects infrared radiation - or heat. Based on detected temperature differences, thermal imaging cameras can create a crisp image. Complex algorithms make it also possible to read correct temperature values from this image.

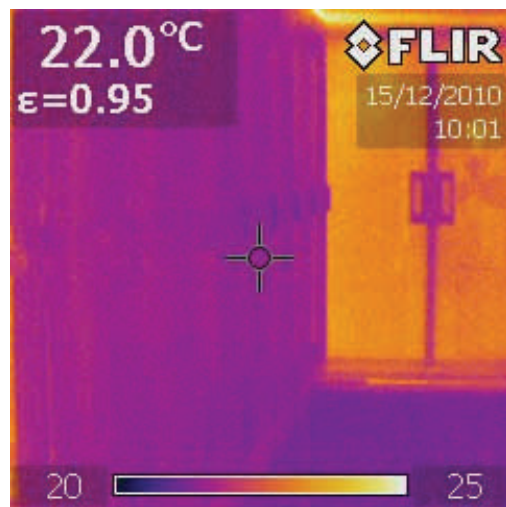
Computer room and whole buildings can quickly and thoroughly be scanned using a FLIR thermal imaging camera, identifying problem areas that can not be seen by the naked eye. This ensures the integrity of both structural and environmental systems for building inspection, repair verification and related purposes.

A whole range of faults can be detected with thermal imaging from overloaded racks, overloaded power cables and even IT equipment placed the wrong way round.

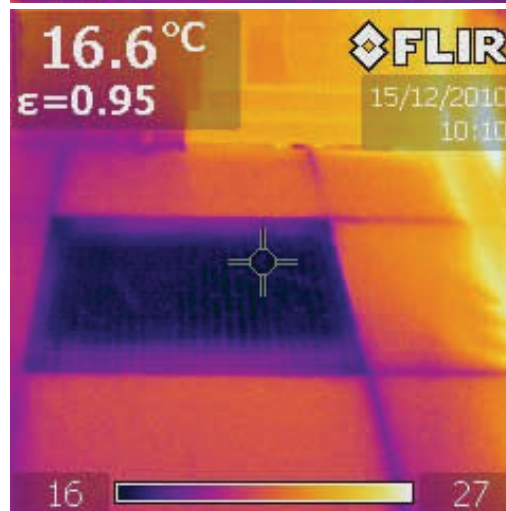
Data Centre Audit Services

Infra Red Thermal Imaging

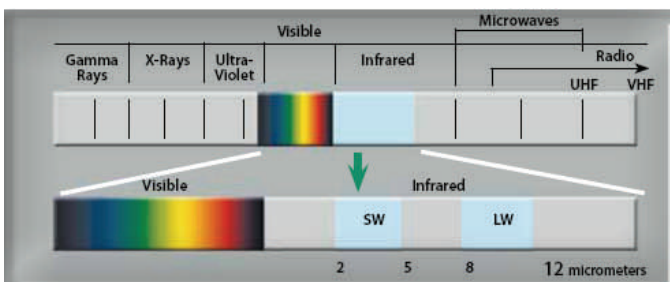
- Find the hot spots
- See actual point temperatures
- Detect air flows
- Optimise layouts
- Solve air conditioning problems
- Spot overheating IT and electrical equipment



Enclosed cold aisle temperature analysis



Floor grid temperature analysis

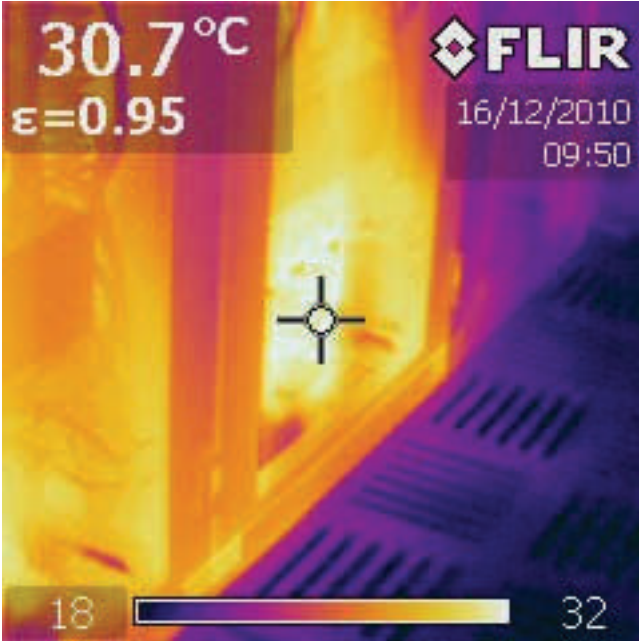


CAPITOLINE

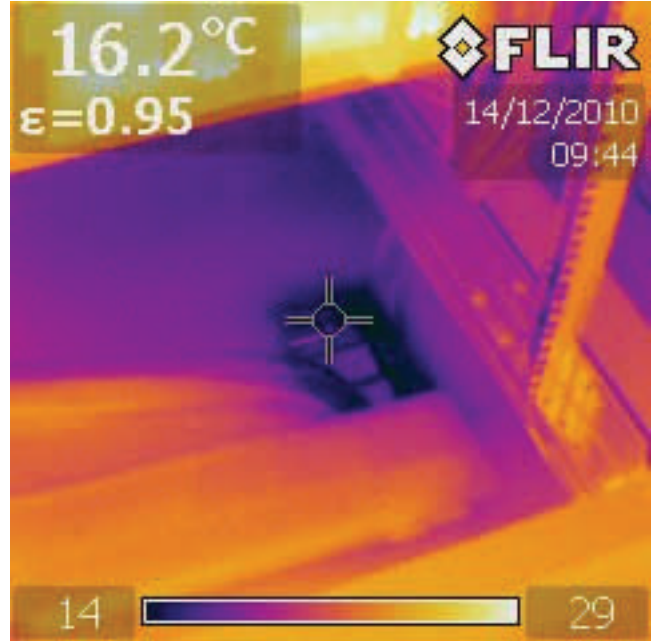
DATA CENTRES AND IT INFRASTRUCTURE

+44 (0)800 014 8014

info@capitoline.co.uk

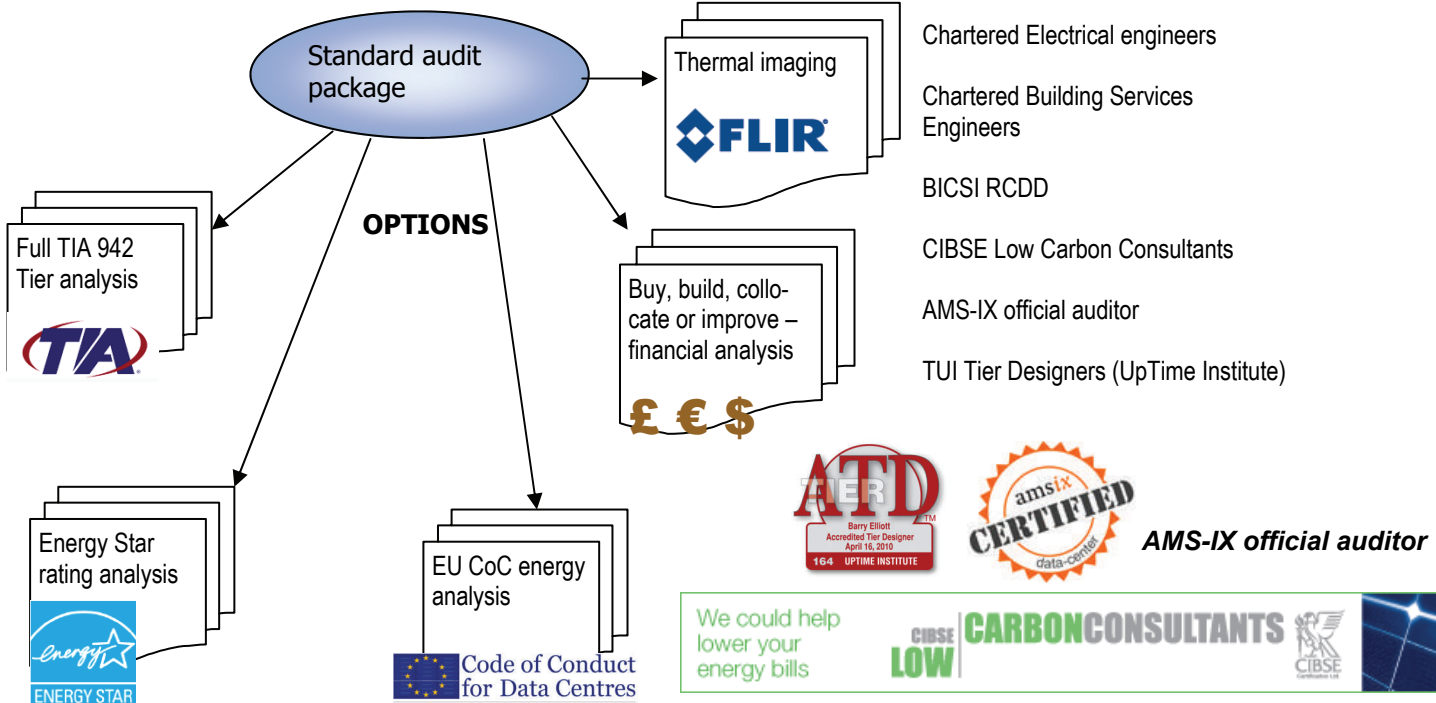


IT equipment the 'wrong way round' i.e. blowing hot exhaust air back into the cold aisle



Cold air escaping under a rack where a brush grommet should have been placed

Every audit includes a comprehensive written report



DESIGN : AUDIT : TRAINING

www.capitoline.eu

Head Office: Capitoline LLP, 6 High Grove, Welwyn Garden City, Herts AL8 7DW, England
 North West: Capitoline LLP, Capitoline House, 17 Chads Green, Nantwich, Cheshire, CW5 7NL
 Dubai: Capitoline LLP, 3-W 407, Dubai Airport Free Zone, Dubai, UAE

T: +44 (0)800 014 8014 F: +44 (0)800 014 8015
 T: +44 (0)800 014 8014 F: +44 (0)800 014 8015
 T: +9714 2994140 F: +9714 2994143

© Capitoline LLP Registered in England: OC317105