

Environmental Survey

Consultancy and Support Services

Computer Room Surveys

Every Technology Room is a complex web of interacting systems and infrastructures. That's why the deterioration of any single component can have a significant affect on the IT environment as a whole. Just as the human body begins to show symptoms of ill-health before the real onset of any disease; Technology Rooms will, to the trained eye, show the tell tale signs of impending problems. Recognise the issues early and proactive measures can be taken to ward off any lasting or damaging impact. Problems can be wide and varied; electrical and earthing problems; air conditioning inadequacies; dust contamination and many more. None need be serious, if detected and dealt with promptly.



Are there problems?

END2END's environmental survey examines the environmental fabric of your technology room and assesses its suitability to accommodate the systems, infrastructure and staff for which it was designed. The survey includes an inspection of the electrical systems, air conditioning, physical security and cabling infrastructure. It assesses everything from the threat of water leak to the operational and health and safety aspects of the room. In fact, it reviews all of the areas where a problem could impact your day to day business operation.

Plan to Expand?

If you are rolling out new technology or expanding your existing technology, can you be sure that your environment can take the strain? An Environmental Survey will give you all the information you need to plan and implement your new project, safe in the knowledge that your environmental fabric can support the growing needs of your expanding infrastructure.

Key Features

- Identifies Health and Safety issues and Operational Risks
- Identified areas where improvements could be made
- Identifies single points of failure or weaknesses with the rooms environmental infrastructure
- Assess heat and power loads at both a rack and room level
- Assess energy efficiency of the room and identify areas where savings could be made
- Review resilience levels against business service level requirements
- Help identify causes of Intermittent problems or poor availability
- Creation of roadmap to bring existing room up to current best practices standards
- Enable planning for future expansion



Understanding

Designing

Delivering

Supporting

Making it all happen!

Identifying the Problems

The survey provides an independent view of the supporting infrastructures of your technology room, providing you with a clear picture of its current condition and effectiveness. END2END will review the entire technology room estate and identify potential and current issues, as well as define corrective actions to reduce or eliminate threats to your ongoing service availability.

END2END Stage	Deliverables
Understand	<ul style="list-style-type: none"> • Current and future plans for room • Issues or problems being experienced • Current environmental fabric components and their interoperability • Equipment supported by the environmental fabric • Service levels and operational requirements • Review under floor void for cabling, airflow and contamination • Review room for Health and Safety issues • Review of general environmental conditions
Design	<ul style="list-style-type: none"> • Assess environmental fabric components for suitability, size and capacity • Document floor layout and space allocation • Define cabling infrastructure actions (as applicable) • Identify single points of failure and define counter measures • Create risk and impact register for all environmental fabric components
Deliver	<ul style="list-style-type: none"> • Environmental Survey Report which documents: <ul style="list-style-type: none"> ⇒ Current environmental systems installed ⇒ Issues/problems identified with the environmental fabric ⇒ Specific health and safety issues ⇒ Risk assessments for each identified issue ⇒ Recommendations for solutions or corrective actions

“The damage caused by environmental failures can be significant and the effect on your business substantial. But spot the tell tale signs and with minimal work, normal daily operation can be guaranteed”.

