



Data Centre Optimisation Service

Workspace Technology provides Data Centre Optimisation services which are designed to address data centre imbalances by fine tuning system settings and configuration arrangements with the aim to achieve improvement in energy efficiency within the existing infrastructure capability.

Data centres are dynamic environments that experience constant changes in I.T loads as new systems are installed, old systems decommissioned or virtual server technology implemented. These changing environments can often lead to an imbalance that can contribute to poor energy performance.

What is involved?

Works will be undertaken by experienced Data Centre Engineers with an understanding of controls, airflow and performance characteristics of systems' plant such as fans, pumps and compressors. Where freecooling technology is available engineers will look at available options to increase percentage utilisation.

Our 'hands on' service includes the following:

- Review of modes of cooling operation.
- Maximising freecool periods of operation.
- Identification of 'sweet spot' operational settings.
- Fine tuning of system settings and set points.
- Adjustment of configuration arrangements.

The Data Centre Energy Optimisation Service is designed to allow data centre operators to deliver maximum performance within ASHRAE recommended or allowable environmental operating range.

Benefits...

- Improve airflow efficiency.
- Reduce energy costs.
- Optimisation of environmental conditions.
- Avoids power upgrades by 'sweating' assets.
- Reduced operational data centre risk.

Ongoing energy improvements can range from 5% to 30% depending on the current performance of the data centre with typical average improvements in the region of 15%.

Frequency...

Optimisation should be undertaken on a regular basis or when major I.T load changes occur to ensure that data centre systems are operating at optimum performance levels.



Workspace
Technology Limited
Technical Prefabricated Building Solutions

workspace-technology.com
mobiledatacentre.com

Other Services



Data Centre Solutions

When it comes to data centre design build and management, Workspace Technology delivers award-winning solutions for organisations across the UK. We have simplified the architecture from which we design and build data centre infrastructure and associated technology to support client availability, agility, energy efficiency and business needs.

Whether you require a state-of-the-art on-premise data centre build or if space and accessibility is a challenge a Modular or Micro data centre, you can be assured that Workspace Technology will deliver a quality, agile and sustainable solution.



Technical Prefabricated Buildings

Workspace Technology provides a comprehensive range of prefabricated modular and mobile buildings engineered for flexible, high-performance use across diverse industries. Our solutions include DataCube™ mobile data centres with integrated cooling, fire suppression, and IT infrastructure; SecureCube® high-security SCIFs and secure buildings with advanced physical, acoustic, and RF protection; and TelcoCube™ telecommunications cabins supporting fibre repeater stations, 5G base stations, and a wide range of other telecoms applications. We also offer prefabricated power and cooling modules for scalable technical infrastructure, and bespoke prefabricated solutions tailored to meet specific client requirements.



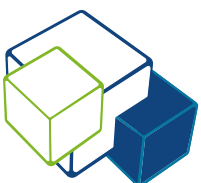
Maintenance & Support Services

We offer a wide range of services to support your data centre infrastructure to suit your business's demands. We are experienced and qualified to effectively support all your data centre equipment including; air-conditioning systems, chilled water systems, UPS, generators, fire suppression systems, environmental monitoring technology, DCIM and associated mission critical infrastructure.

Interested in finding out more?

Call us: 0121 354 4894

Email us: sales@workspace-technology.com
workspace-technology.com
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Workspace
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Data Centre Solutions Expertly Engineered

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