

▶ DATA CENTRE DESIGN & BUILD

on365 is an independent specialist provider of energy efficient Data Centre and critical physical infrastructure services for public sector, SME and corporate clients across the UK and Europe.

The Challenges

With technology at the forefront of all businesses, it is imperative that the Data Centre housing this equipment has the correct resiliency and scalability to suit each client's needs. Building a new Data Centre or upgrading an existing one to improve on cost of ownership and efficiency is a complex task that requires the coordination and integration of many different trades.

Planning is the most critical element of any Data Centre project as mistakes can magnify and propagate through later deployment phases, resulting in delays, cost overruns, wasted time and ultimately a compromised system.

In addition, the complexity of new components, the existing infrastructure plus any building and utility services must also be considered along with the demands of CDM regulations, local authorities and building standards. With many different solutions to power, cooling, monitoring and security available this can often seem a daunting task.

The Solution

on365 has extensive experience of Data Centre design and build to ensure business continuity and maximised uptime. Our understanding extends beyond taking care of design, safety and principles of operation, future growth and after-sales services. More importantly, it looks at value and basic business principles such as 'return on investment'.

We provide comprehensive space, layout and capacity planning to support efficient cooling, modular growth strategies combined with maximum airflow separation. Furthermore, we ensure that fundamental physical build and location criteria are addressed during the design engagement as well as compliance with appropriate regulations.

Project implementation can be carried out in entirety or we can supply the necessary components to match the client's existing resources with our dedicated installation teams ensuring that all contracts are delivered on-time and on-budget.

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The Benefits

on365 offer a full pre-sales consultancy at which one of our experienced specialists will carry out a comprehensive audit and survey at your premises to establish your exact needs. Once a contract is commissioned we begin the design process by working closely with your IT and facility staff to ensure that all the project needs have been identified and quantified.

As an Endorser of the EU Code of Conduct for Data Centre Efficiency, **on365** is fully committed to helping clients reduce carbon emissions through the deployment of best practice energy efficient Data Centre design.

on365 remove much of the complexity from IT planning by adopting a 'dataflow' philosophy which incorporates dependencies and design strategy with an orderly sequence of tasks that progressively transform and refine information from initial concept to final design. We also ensure that system plans are communicated to all the business stakeholders involved at every stage of the project.

At **on365** we advocate simplicity, flexibility and scalability in all our Data Centre design and build as this ensures that the Data Centre is easier to support, administer and use.

As nobody knows where technology will be in 5 years a Data Centre designed by **on365** for flexibility can seamlessly adapt to changing business conditions and thereby the demands put upon its function without the need for a major overhaul of its infrastructure or disruption to operation.

In addition, a Data Centre that is scalable has the capacity to sustain rapid growth in performance, the number of devices it can host and the quality of services offered. Crucially we are able to provide clients with savings of on average 30-35% for initial building costs as well as an added 30-35% cost reduction in operating expenses through adjustable and scalable Data Centre design.

Furthermore, with a substantial internal resource that includes engineers (power, cooling, cabling and network), project managers, CAD design team, consultants and a project delivery team we do not have to outsource any services which means that there are no unexpected, additional charges for projects.

Why on365

on365 is the first choice for many companies when it comes to the design, build or upgrade of their Data Centre and as such we have vast knowledge of the implementation and management of these projects

Our proven approach to the design, planning and build of energy efficient Data Centres delivers fully operational facilities ready for your critical IT servers and network with high levels of efficiency, resilience and performance ensuring business continuity and maximised uptime.

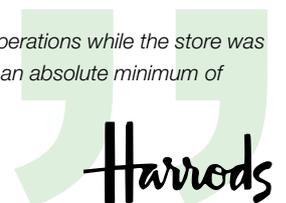
We have over 25 years experience in Data Centre design and build and hold Elite, Service and Integrated Software System partner status for the Data Centre from APC by Schneider Electric. We are also ISO9001:2008, ECA, HVAC, REFCOM F-GAS accredited and Cisco, Microsoft and VMWare certified as well as being a member of ASHRAE.

on365 have also won many awards for Data Centre design, most recently we won the Data Centre Environmental Project of the Year Award 2011 from the Data Centre Solutions Academy

"on365 designed, delivered and managed the whole process of our new Datacentre build. We were able to continue operations while the store was open, even throughout the Christmas and Sales periods. With the help of on365, the whole installation took place with an absolute minimum of inconvenience to our customers and without upsetting local residents."

John Dilkes

Network & Security Infrastructure Manager, Harrods



on365. Professional Services for energy efficient, flexible, reliable and well-managed physical infrastructure in the Data Centre.

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