



Workspace Technology

Technical Prefabricated Building Solutions



Technical Prefabricated Buildings

Expertly Engineered

www.workspace-technology.com
www.mobiledatacentre.com

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“...providing clients with complete agility, delivering a scalable approach to planning and design, as well as eliminating the need for traditional ‘bricks and mortar’ buildings.”

Technical Prefabricated Product Range

Workspace Technology offers a unique range of flexible and efficient Technical Prefabricated Modular & Mobile Buildings suited for a wide range of applications including:

DataCube™



Prefabricated Data Centre

ModularEdge™



Edge Data Centre Solutions

TelcoCube™



Prefabricated Telecoms Cabins

SecureCube®



Secure Buildings & SCIFS

PowerCube™



Prefabricated Power Solutions

CoolCube™



Prefabricated Cooling Solutions

Unlike traditional bricks and mortar buildings where relocation is not possible, our modular and mobile pre-fabricated solutions allow portability and flexibility of deployment. Our Prefabricated production facility allows technical buildings, pods or cabins to be pre-engineered, tested and commissioned prior to delivery in a controlled environment.

This agile approach allows your organisation to closely couple data centre, telecoms, power or security infrastructure expansion and associated capital investment in line with capacity demands.





Technical Prefabricated Applications



DataCube™ - Data Centre

Our range of DataCube™ Prefabricated Mobile Data Centre solutions will deliver power and cooling for the most demanding of applications whilst helping to protect ICT from hazards.

This scalable approach reduces data centre deployment from years and months to weeks, bringing your data closer to the source, improving latency speeds, control, security and accessibility.



ModularEdge™ - Edge Data Centre Solutions

Our ModularEdge™ makes the construction of complex data centres simple. Consisting of standardised building blocks Workspace Technology's ModularEdge™ architecture significantly reduces timescales and eliminates a large proportion of design & associated construction costs when compared with a traditional consultancy and main contractor engagements.



TelcoCube™ - Telecoms Cabins

Our TelcoCube™ Telecoms Cabins support a wide range of applications including Fibre Repeater & Exchange (FEX) Cabins, 5G Base Stations and Tower/Radar Equipment Enclosures to name but a few.

Our design team can create bespoke buildings to support the unique power & cooling demands of each application ensuring effective use of space whilst maximising energy efficiency and reducing ongoing operational costs.



SecureCube® - Secure Buildings & Sensitive Compartmented Information Facility

Workspace Technology's Technical Fabrication capability includes the design & build of bespoke modular or portable SecureCube® Secure Buildings & Sensitive Compartmented Information Facility (SCIF) buildings.

Our SecureCube® Secure Buildings & SCIF's are designed for communicating sensitive information for national security, national defence and intelligence parlance for military, government or corporate applications. Our Secure Buildings & SCIFs incorporate physical and acoustic protection combined with Electromagnetic & RF Shielding.



PowerCube™

Technical Prefabricated Building solutions includes the provision of PowerCube™ which include Battery Backed DC Power Shelters, Power Source Aggregators for remote Telecoms and LV Power Plant Pods. Our Electrical Engineers will develop bespoke designs to address individual client requirements.



CoolCube™

Workspace Technology's 'CoolCube™' Prefabricated Cooling Product enables rapid deployment of pre-packaged, pretested cooling systems for data centre environments. 'CoolCube™' modules typically offer cooling capacities that range from 50kW to 300KW depending on technology and airflow arrangements. 'CoolCube™' modules are pre-engineered with air handling units, pipework and heat rejection within a single package along with power and lighting.



Other Specialist or Bespoke Applications

Where there are specialist or bespoke applications to design and build Technical Housings Workspace Technology's team are happy to engage and develop solutions for clients. Typically, bespoke designs will involve a range of engineering challenges including but not limited to electrical and cooling infrastructure, security, monitoring and management systems.

Technical Prefabricated Building Fitout



EcoDesign™ - Focused on energy efficiency and based on a set of 'common sense' design principles EcoDesign™ will positively contribute to the energy efficiency and performance of your Prefabricated facility.



Construction - creating the 'technical' space. We can offer standard construction or fully certified LPS1175 SR2, SR3 or SR4 rated pre-fabricated construction where enhanced cabin physical protection is required.



Cooling - cooling & airflow management solutions. Dependant on rack densities we can select from a wide range of cooling technology from leading manufacturers. When combined with airflow management solutions we ensure maximum cooling & airflow efficiency is achieved.



Fire Protection - Fire detection & suppression systems. Workspace Technology will incorporate robust and reliable fire detection and suppression systems as part of a turnkey Prefabricated technical fitout.



Technical - Racks, cabling & technology. Workspace Technology offers a range of technical services including ODF frames, equipment racks & accessories, structured cabling, fibre optics and security systems that include Intruder Detection Systems (IDS), Access Control Systems (ACS) and IPCCTV.



Electrical - power infrastructure- We will design and install a complete electrical infrastructure including Switchgear, Rectifiers, Battery Systems, UPS's Generators, lighting and distribution in accordance with application requirements.



Management & Monitoring - Environmental monitoring & management systems - We offer bespoke management & monitoring systems to suit individual applications from leading manufacturers including Schneider Electric.

Technical Prefabricated Building Key Features



Cost Effective - typically, a prefabricated solution will reduce overall capital expenditure by 40%.



Telecoms / Server Ready - pre-engineered, wired ready for instant deployment of servers or fixed line or mobile telco equipment.



Future Proofed 'Pay-as-You-Grow' Infrastructure.



Scalable - Modular 'right size' designs and configuration.



Pre-Engineered - Mobile Data Centre Technology, Telecom Cabins, Secure Buildings and Cubes for 'Plug and Play' Deployment.



Rapid System Deployment - quick and simple with minimum onsite preparation needed.



Re-deployable - reusable at different locations when required.



Low Energy - creates an environmentally greener telecoms or data centre environment.





Deployment Services

Site Preparation

Workspace Technology's Prefabricated Data Centre, Telecoms Cabin, Power Pod or SCIF solutions are typically pre-tested and commissioned so that they are fully 'server / telecoms ready' when delivered to site.

Workspace Technology offers a range of holistic Planning & Preparation services including structural design, Geo-Technical and GPS Surveys, groundworks, service ducts, provision of Mechanical & Electrical infrastructure and Copper & Fibre I.T cable as required to provide a complete working system following delivery.

Delivery & Hook-up & Site Acceptance

Following the successful completion of Factory Acceptance Testing Workspace Technology will provide a complete contract delivery including transportation, craning and the hook-up of I.T, power, & mechanical final links. Once all service connections are complete and fully tested a final Site Acceptance Test will be performed in advance of client handover.

Our Project Team implements a strict design, review and agreement regime to ensure first time success delivering engineering excellence and innovation for all our clients across various industries and professional applications.

More information on our Technical Prefabricated Buildings can be found on our Website www.mobiledatacentre.com and also available upon request.

Other Services

Maintenance & Support Services

When it comes to supporting your Data Centre, Telecoms Cabin or SCIF infrastructure we offer a wide range of services to suit your business's demands. We are experienced and qualified to effectively support all your building and key equipment including; air-conditioning systems, chilled water systems, UPS, generators, fire suppression systems, environmental monitoring technology, DCIM and associated mission critical infrastructure.

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.

Why Use Workspace Technology?



Design Excellence – our in-house Design Team provides multi-award winning, highly efficient innovative Prefabricated Data Centre, Telecoms Cabin and Sensitive Compartmented Information Facility buildings.



Pentagon 360 Service – by opting to use Workspace Technology clients can benefit from our Pentagon 360 offering, a unique service providing Consultancy, Design, Build, Maintenance and on-going Optimisation services during the lifetime of your prefabricated facility.



Innovative Technology – we deliver the ultimate in high efficiency Telecoms Cabin, Data Centre and Power Pod infrastructure with innovative solutions based on robust engineering principles.



Approved Partners – we hold longstanding and accredited partnerships with many of the world's largest power and cooling technology specialists.



Designed & Built In The UK - our prefabricated technical buildings are designed, fabricated, and built in the UK ensuring a high proportion of value is retained within the UK economy.



Accredited Organisation – our experienced Project Managers set the highest standards in delivering Data Centre, Telecoms Cabins & Secure Buildings and associated infrastructure. We are an ISO9001/14001 approved as well as CHAS and Safecontractor (SSIP) accredited.



UK & European Delivery – we can provide deliver to both UK and European destinations.



Interested in finding out more?

Call us: 0121 354 4894

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