



Technical Prefabricated Buildings

Expertly Engineered



Workspace
Technology Limited
Technical Prefabricated Building Solutions

workspace-technology.com
mobiledatacentre.com



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 & SCIF

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™ - Power Solutions

Technical Prefabricated Building solutions include the provision of PowerCube™, which consists of 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™ - Cooling Solutions

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 preengineered 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 Infrastructure



Flexible Architecture

Workspace Technology offer bespoke Technical Prefabricated Building solutions to support individual client demands.



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-SR8 rated pre-fabricated construction where enhanced cabin physical protection is required.



Cooling & Airflow

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

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



Technical Systems

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 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

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

DataCube™ Prefabricated Data Centre Solution Key Advantages

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

Pre-Engineered - Mobile Data Centre Technology is 'Server Ready'- pre-engineered, wired ready for instant deployment of servers.

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

Scalable - Modular 'right size' designs and configuration.

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 data centre environment.

Workspace Technology's prefabricated technical buildings are designed, fabricated, and built in the UK ensuring a high proportion of value is retained within the UK economy.

 **MADE IN
BRITAIN**



Delivery, Hook-up & Site Acceptance

Delivery Services - Workspace Technology assesses site conditions and coordinates transport logistics. We arrange flatbed delivery and specialist crane lifts to position prefabricated housing securely. Our Site Team ensures correct orientation and alignment.

- Site surveys and logistics planning
- Flatbed transport and crane lift coordination
- Precision positioning on foundations
- On-site supervision for alignment

On-Site 'Hook-up' - Once positioned, our Site Team connects power, IT, and mechanical services for seamless integration.

- Power and generator connections
- Fibre and copper network links
- Mechanical systems integration

Site Acceptance Testing (SAT) - SAT scope varies based on factory testing feasibility. Self-contained units undergo power and functional checks, while integrated systems require extensive testing.

- Power verification and inspections
- Sub-system and full system testing
- Load bank and server simulator tests
- Validation against design criteria



Maintenance & Support Services

We provide expert support for SecureCube™ Data Centres and SCIF infrastructure, ensuring reliability across key systems, including:

- Air conditioning & chilled water systems
- Fire Detection & Suppression
- UPS & Generators
- Environmental monitoring
- DCIM & critical infrastructure

Other Services



Maintenance & Support

We provide comprehensive support for your Data Centre, Telecoms Cabin, or SCIF infrastructure, ensuring reliability and performance. Our expertise covers air conditioning, chilled water systems, UPS, generators, fire suppression, environmental monitoring, DCIM, and other mission-critical infrastructure.



Data Centre Solutions

Workspace Technology designs, builds, and manages high-performance data centres tailored to your needs. Our solutions enhance availability, agility, and energy efficiency—whether you require a custom on-premise build or a Modular/Micro data centre for space-constrained environments.

Design & Installation Services

Workspace Technology offers a comprehensive design and installation service, including consultancy, design, construction, maintenance, and ongoing optimization throughout the lifetime of your prefabricated facility.



Consultancy & Design

Our skilled design team combines expertise, efficiency, and innovation to deliver high-quality, sustainable solutions. We work closely with clients to develop tailored designs that meet complex high-density (kW) requirements, ensuring quick turnaround times and clear documentation.

- **Experienced & Qualified Designers** - Experts in delivering precise and effective solutions.
- **Sustainable & Efficient Design** - Modern approaches for energy-efficient and eco-friendly designs.
- **High-Density (kW) Application Expertise** - Deep understanding of power-intensive environments.
- **Collaborative & Responsive** - Fast, client-focused design development.
- **Rapid Design Turnaround** - Initial concepts developed within weeks.
- **Clear & Detailed Documentation** - High-quality drawings for seamless execution.



Site Planning & Preparation Services

As part of Workspace Technology's Technical Prefabricated Building offer, we provide an extensive range of site planning & preparation services including:

- Site Planning & Design
- Structural Calculations & Design
- Geotech & GPS Surveys
- Civil & Groundwork Services
- Mechanical & Electrical Services
- I.T Cabling

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?

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