



mavin POWERCUBE™

CONTAINERISED MODULAR DATACENTRES
+ SPECIAL CONTAINERISED SOLUTIONS



Mavin Powercube British built, award winning, 100% custom, end-to-end Containerised and Modular Build DataCentre and Special Container solutions.

mavin
desktop to datacentre

For more information
please contact us today:

T: +44 (0) 845 612 1155
E: contact@mavin.global
www.mavin.global

OUR PROPOSITION

Create a key differential for our clients by raising the bar for deliverable IT standards within the business-to-business marketplace

Mavin Powercube designs and builds scalable low-> medium -> high power; modular (and moveable) containerised N + 1 (minimum) DataCentre solutions.

- CUSTOM
- MODULAR
- SCALABLE
- EFFICIENT
- EFFECTIVE

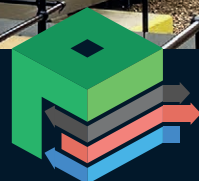
Tailored solutions providing a unique fit for your business

Mavin Powercube design, build and maintain award winning, scalable and secure Containerised Modular Data Centres (CMDC's) and Modular data centre buildings. Our British designed and built CMDC delivers a 100% custom, end-to-end solution, including full environmental preparation, power presentation, module fabrication, detailed project management and full support wrap services.

Mavin Powercube has various design concepts incorporating a calculated balance between traditional, current and next generation ideologies. Referenceable within the Public and Private sectors, across University, NHS and Defence clients, our turn-key solutions are designed to maximise efficiency and space. We provide scalable, robust, resilient and redeployable critical infrastructure environments, entirely tailored to our client's individual operational requirements.

"The decision to implement Mavin Powercube's CMDC Solution was driven by the necessity to partner with a DataCentre design and build specialist who would work pro-actively through the project's life-cycle, deliver an end-to-end solution and ensure that the operational result met with the business' evolving requirement and expectations."

Head of IT, UK NHS



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INNOVATION

What you see is what you get with Mavin Powercube

Innovation is delivered not only through the physical custom and scalable nature of the CMDC and the progressive, increasingly environmentally aware technologies contained within, but also via its capacity to provide client organisations with the ability to manage their capital expenditure more effectively and efficiently.

This is achieved by providing a 'plug & play' / 'pay-as-you-go' architecture that enables tangible, real time, capacity planning.



Mavin Powercube's commitment to innovation has been recognised at the Data centre Awards, DCS and SVC Awards, Rail Business Awards and ICT Excellence Award for best value added service.



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DESIGN AND CONCEPT

Creating a balance between traditional, current and next generation

Mavin Powercube has various design concepts incorporating a calculated balance between traditional, current and next generation ideologies.

All concepts are designed to maximise efficiency, space requirement and provide scalable, fit-for-purpose environments for individual user requirements.

The CMDCs can be used as primary critical data centres, secondary DR facilities or scalable and secure hubs for wider and remote data centres.

Available in single or multiple formats, in a range of sizes and internal layouts, fitted with air or liquid-cooled, fully ruggedised technologies as required, our solutions can incorporate both ballistic and LPS 1175 SR rated finishes to provide operational integrity in the harshest environments. The CMDC is the 'go pretty much anywhere' DataCentre.



Definition of a Containerised Modular DataCentre:

Employing or involving a module or modules as the basis of design or construction.



PREPARATION

The level of physical site preparation varies depending upon the deployment location, accessibility of power, ground conditions and the historic use of the environment.

The pre-surveys and planning of required 'ground-works' is critical to managing time-to-deployment and of course, cost. Mavin Powercube manages your entire project end-to-end, ensuring intelligent, high calibre services throughout.

From the ground up: finest engineering provides a strong foundation.



Mavin Powercube site build preparation:

End-to-end services supporting your project from concept to completion



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BUILD

Mavin Powercube creates individually designed modular solutions with state-of-the-art precision

We build each client's containerised modular solution from scratch combining the latest energy efficient composites with specific design

Neutral

From a vendor platform perspective the CMDC remains 100% neutral. We do not dictate to the client organisation what make or model of IT Server or storage device to employ, therefore making our CMDC solution ideal for supporting heterogeneous environments.

requirements, supporting deployment agility, future scalability and fit-for-purpose operation.

Our UK build facility is complimented with state-of-the-art precision laser cutters, enabling multiple projects to be managed within short timescales.



100% neutral DataCentre:

Mavin Powercube containerised modular solution build.

DEPLOYMENT

The CMDC may be deployed as a standalone structure or internally within a host building

The cost for a CMDC is economical compared to a traditional design and build.

Being modular and therefore moveable, should an organisation wish to relocate they have the capability to migrate their entire DataCentre set-up relatively quickly and economically cost wise. The CMDC is an asset for the organisation.

Flexible, worldwide deployment options



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Head of IT, UK NHS



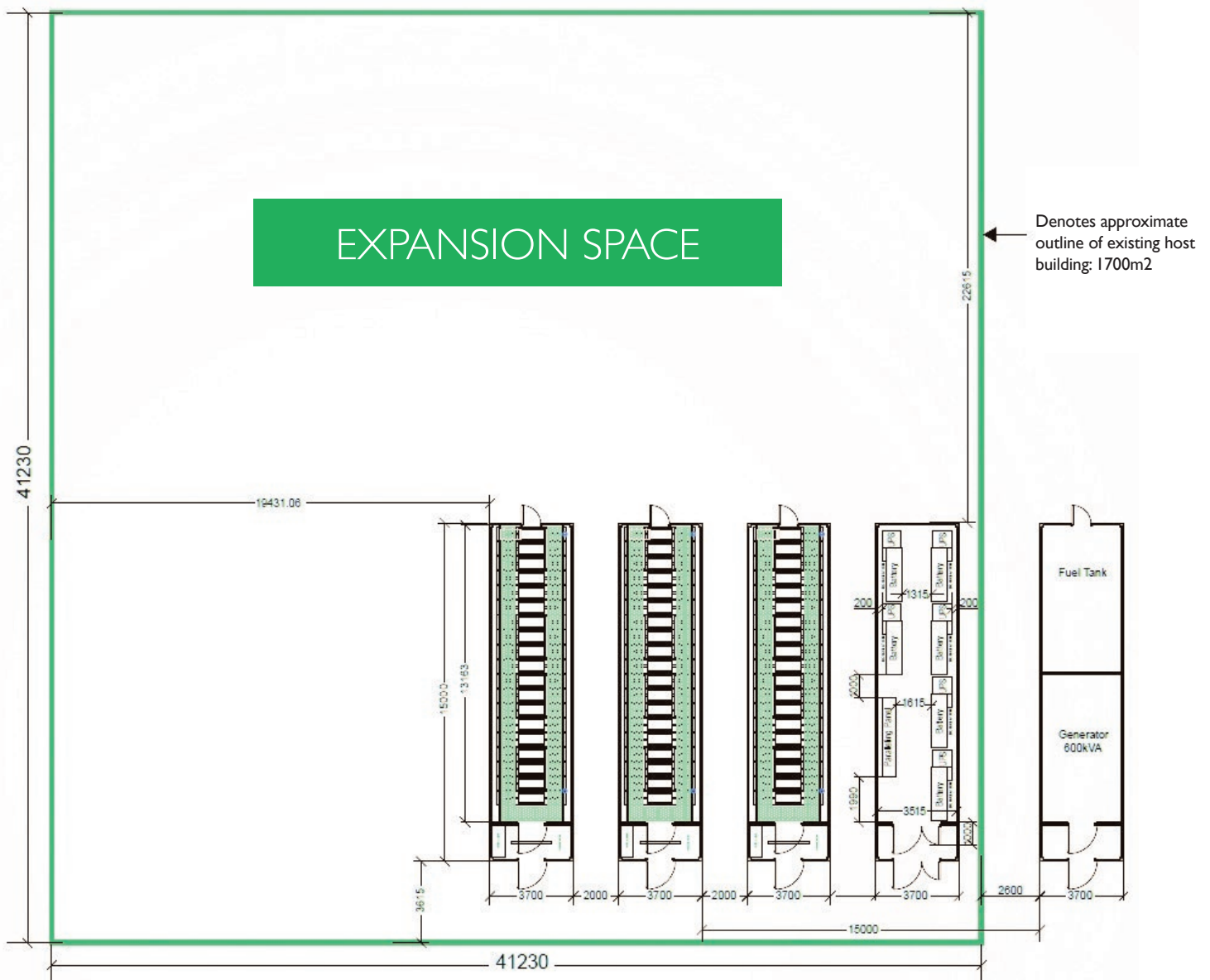
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CMDC internal deployment within host building



- 3 x HIGH DENSITY CMDC'S
- 100 X RACKS @ 5.5KW
- N+1 COOLING WITH FREE COOLING
- N+1 UPS / N GENERATOR



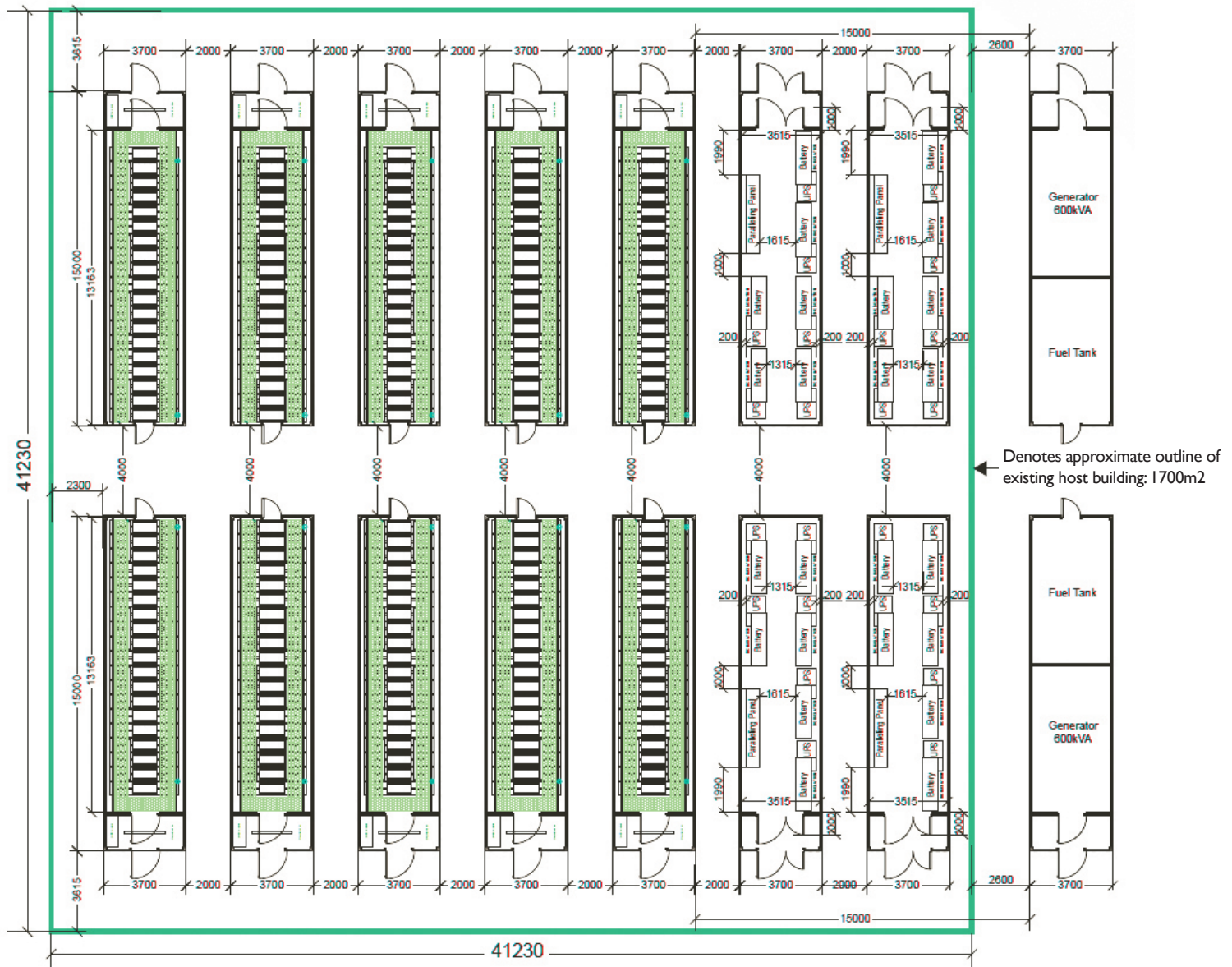


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PHASE 2

Project MG001846 - Germany

CMDC internal deployment within host building



- 10 x HIGH DENSITY CMDC'S
- 375 X RACKS @ 5.5KW
- N+1 COOLING WITH FREE COOLING
- N+1 UPS / N GENERATOR



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GLOBAL REACH

Our solutions are designed to be deployable almost anywhere worldwide

The Mavin Powercube Advantage: Universal Adaptability

We can design in specific features to manage operations in all kinds of natural and man-made environments. Our solutions may be shipped via the majority of conventional methods or designed for transportation by non-conventional means.

Mavin Powercube can assist with route planning, transportation deployment and on-site installation upon arrival. We are happy to discuss all project requisites with you as required.

“Through their ongoing portfolio growth of services, solutions and hardware supply, Mavin have positioned themselves as a strong reputable partner that Weetabix can rely upon to deliver across a breadth of the Information Technology spectrum.”

Group Head of IT & Business Systems, Weetabix



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COMMISSIONING

Ensuring your CMDC solution is 100% ready for deployment and securely hosting your critical IT environment is all part of the service

Dedicated to your project, the Mavin Powercube team will work efficiently and effectively with your project team to rigorously check, test and double-check that all individual components function according to design and that the overall solution is operating correctly and in line with the project designated industry standards.



Achieving an industry recognised 'Green Efficiency' status is high on the list of operational design requirements for the majority of our clients. Mavin Powercube's Containerised DataCentre solutions provide the platform for achieving this.

"Through their ongoing portfolio growth of services, solutions and hardware supply, Mavin have positioned themselves as a strong reputable partner that Weetabix can rely upon to deliver across a breadth of the Information Technology spectrum."

Group Head of IT & Business Systems, Weetabix

THE BOTTOM LINE

Got all the best equipment but wondering how to use it to get the best results and improve your bottom line?

*Lower than a traditional DC build
- 10-30% less per square ft*

*Our custom Modules with
N+1 cooling start from £45K*

*Significantly reduce CD set-up
cost element of any company
relocation*

Lower Costs
Faster Time-To-Market
Pay-As-You-Grow
Free Cooling System
Redeployable
Tangible Asset

*Typically 8 weeks rather
than 18+ months*

*Efficient FREE Cooling
Systems, increasing
operational efficiency,
decreasing costs and
assisting GREEN goals*

*Potential for resale and
Capex recoup*

Get the best results
with Mavin Powercube

- FASTER DEPLOYMENT
- LOWER COSTS
- CUSTOM
- PAY-AS-YOU-GROW
- RE-DEPLOYABLE
- TANGIBLE ASSET
- EFFICIENT
- FREE COOLING
- DECREASE COSTS



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INDUSTRY STATISTICS

Go modular with a Mavin Powercube Containerised DataCentre and reap the benefits for your business

Mavin Powercube CMDC Features

- CUSTOM DESIGN AND BUILD
- ALL CRITICAL INFRASTRUCTURE
- ENERGY EFFICIENT TECHNOLOGY
- ACCOMMODATES ANY IT HARDWARE
- MULTIPLE SUPPORT OPTIONS AVAILABLE

Mavin Powercube CMDC Benefits

- FASTER TIME-TO-MARKET
- LOWER COSTS
- PAY-AS-YOU-GROW
- HIGH AVAILABILITY
- DEPLOY ALMOST ANYWHERE
- CAN UTILISE EXISTING ON-SITE COOLING, UPS AND GENERATOR PLANT

The CMDC advantage

About 5-10% of the cost of a DataCentre is taken up building the 'bricks and mortar' with another 70-80% going on the electrical and cooling systems.

If you go modular with our Mavin Powercube CMDC DataCentre, you can plan for a day when you will need to be able to draw 20kw per rack but only power and cool it for the 6kw per rack you need today.

With Mavin Powercube CMDC you can defer 40-50% of the upfront capital costs and also about half of the electricity and operational costs.

These numbers add up fast, citing the rule of thumb that over a 20 year lifespan the cost of running a DataCentre is three to five times the cost of designing and building it.



Innovative, effective, efficient deployment:

Mavin Powercube modular designs



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DESIGN AND QUOTE

To request a budgetary design and quote simply answer the following 7 questions:

Email contact@mavin.global

- PHYSICAL SPACE AVAILABLE - (INTERNAL OR EXTERNAL)?
- MAXIMUM POWER AVAILABLE TO SITE?
- RACK QUANTITY REQUIRED?
- CURRENT IT LOADING (KW) AND PROJECTED FUTURE IT LOADING (KW)?
- COOLING RESILIENCE REQUIRED?
- UPS REQUIREMENT INCLUDING AUTONOMY?
- GENERATOR REQUIREMENT?

“Why use Mavin? In a nut-shell; Mavin holds the clients best interests in mind at all times. They deliver a high level of service consistently and are pleasant, professional people to do business with.”

Global Procurement Director, BGC



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YOUR QUESTIONS

We welcome your questions. Get in touch to request more information from our team today.

INFRASTRUCTURE SUPPORT

Full infrastructure support whatever the size of your business

DATACENTRE SERVICES

Ask about our Core Solutions

DATACENTRE RELOCATION

Ask about our Economical DataCentre Migration Capabilities

COOPERATIVE SERVICES

We will work proactively with you

CONTAINERISED MODULAR DATACENTRES

A more flexible alternative to traditional DataCentre designs

DISASTER RECOVERY

PROJECT MANAGEMENT

We are here for you in a crisis
Detailed Project Management Environment
Preparation & Module Fabrication

Get in touch with the Mavin Powercube team on:

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