

Bespoke Manufacturing

Next Generation Data Centre Modularisation

**Fast. Flexible.
Built Your Way.**

Unlock a faster, smarter and more cost effective way to build high performance data centres.

Datalec's modular solution delivers precision engineered infrastructure manufactured offsite for rapid deployment, reduced risk and consistently high quality.

Designed for organisations experiencing rapid growth, rising density demands and the need for absolute reliability, our modular approach redefines how data centres are planned, built and scaled.

Every module is engineered with accuracy, consistency and seamless onsite integration at its core - ensuring dependable performance from day one.

For further information about our Modular Solution, please contact us at: info@datalecltd.com

A Smarter Way to Build

Our pre-engineered modular architecture moves the complexity of data centre construction into our controlled manufacturing environment, dramatically reducing risk, time, and onsite disruption.

The result is a fully designed adaptable precision engineered system, delivering exceptional quality and performance.

Each module is manufactured using Datalec's bespoke engineering and fabrication process, ensuring consistent technical accuracy and seamless integration across all mechanical, electrical, and structural systems.

Designed for Today's Demands - and Tomorrow's

Whether supporting rapid growth projects, evolving density requirements, or long term capacity strategies, Datalec's modular solution empowers organisations to:

- **Scale without disruption** as demand grows
- **Respond faster** to changing business or density requirements
- **Accelerate delivery timelines** with pre-fabricated, installation ready modules
- **Reduce cost and onsite risk** through controlled, repeatable manufacturing
- **Guarantee quality and performance** with precision built engineering

Our modularisation approach delivers a tailored, future ready foundation for modern data driven operations.

Integrated DPI Expertise - Delivered as Standard

Datalec brings every specialist discipline together under one roof, design, power, cooling, connectivity, manufacturing and ongoing support. **One partner. One integrated solution. Zero fragmentation.**



Liquid Cooling

Engineered solutions for high density and AI workloads, optimising thermal performance and energy efficiency.



Connectivity

End-to-end structured cabling and connectivity designed for low latency and future expansion.



Electrical

Specialist M&E integration ensures safe, resilient power infrastructure ready for mission critical operations.



Design Consultancy

Independent mechanical, electrical, and connectivity expertise to de-risk projects and align with business outcomes.



Manufacturing

UK built racks, containment, and modular components deliver superior fit, faster deployment, and consistent quality.



Technology Services

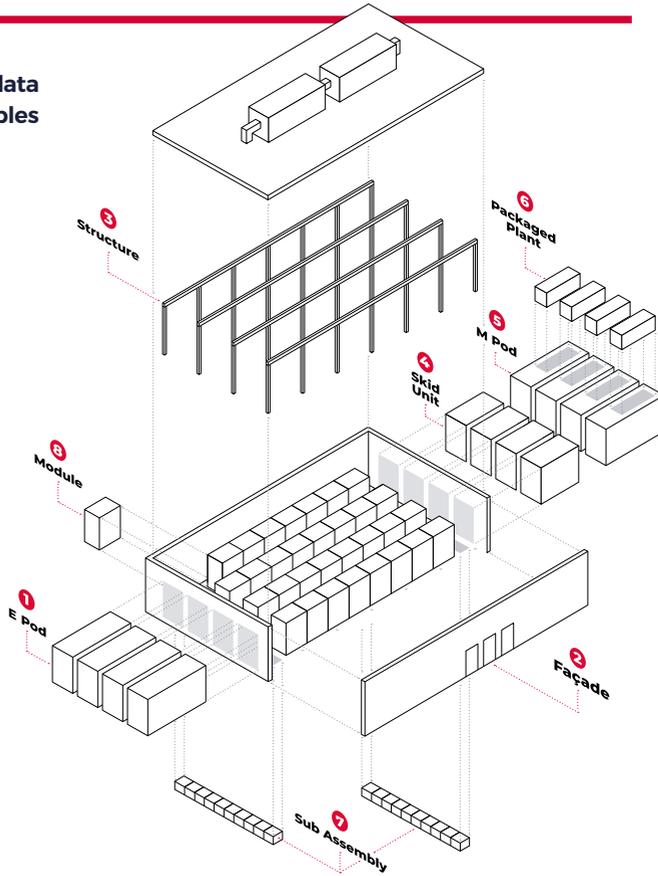
Comprehensive technical support and managed services to maintain uptime and ensure infrastructure performs at designed capacity.

Modular Investment

DPI has engineered a modular data centre solution from first principles to meet the increasing demand for speed to market.

Our design focuses on offsite manufacturing, delivering a flexible, scalable system that provides true value for our clients.

Instead of forcing critical systems into a pre-built envelope, we build the superstructure around the data space and its services. This approach eliminates compromises, improves efficiency and unlocks significant performance and cost advantages.



Key benefits



Speed to Market



Reduced capex



Improved cost certainty



Flexible and adaptable



Bespoke to client requirements

Select your value drivers



PMV



Time



Cost



Carbon



Safety



Labour



Productivity



Quality



Flexibility



Adaptability

Configure your DC

1



2



3



4



5



6



7



8



- 1: E Pod, 2: Structure
- 3: Façade, 4: Skid Unit
- 5: M Pod, 6: Packaged Plant
- 7: Sub Assembly, 8: Module

Why Choose Datalec Modular Solutions?

Flexibility

Apply the DPI system solutions to configure to any technical, spatial or environmental requirement.

Scalability

With DPI systems we have the ability for distributed manufacturing which enables manufacturing locally and at scale.

Speed to Market

Pre engineered components cut both design and deployment times dramatically compared to traditional builds.

Bespoke Manufacturing

Every component and assembly is delivered to a repeated, consistent quality.

Quality Assured

Rigorous testing and diligent quality controls ensures consistency, reliability and performance.

Cost Efficiency

By providing a standardised system solution, costs savings are achieved through reduced prelims, labour and the ability for volume buying.

Build Faster. Scale Smarter. Deploy with Confidence.

Datalec's modular data centre solution delivers the speed, precision and engineering excellence required to stay ahead in a rapidly evolving digital landscape.

**Designed and
manufactured by DPI.**

Transform your infrastructure strategy today.





DATALEC
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