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DATALEC
PRECISION INSTALLATIONS

Providing Global Data Centre Solutions

datalec.ae

PROVIDING SEAMLESS, INDUSTRY-LEADING, END-TO-END DATA CENTRE SOLUTIONS

About Datalec

Datalec Precision Installations delivers global data centre solutions, specialising in M&E and connectivity design, bespoke manufacturing, modular solutions, installation, technology and data centre services. With unmatched expertise, we offer consultancy, technical cleaning, electronic security, remote hands and migrations. By delivering advanced, future-ready data centres, we empower clients to embrace and lead the AI revolution through innovation and digital transformation.

Known for our quality, flexibility and reliability Datalec constantly seeks how to better meet and exceed client expectations.

The company holds various industry certifications and accreditations. Through careful recruitment and rigorous training Datalec's critical industry qualifications and partner programs are well maintained.

DPI Values:

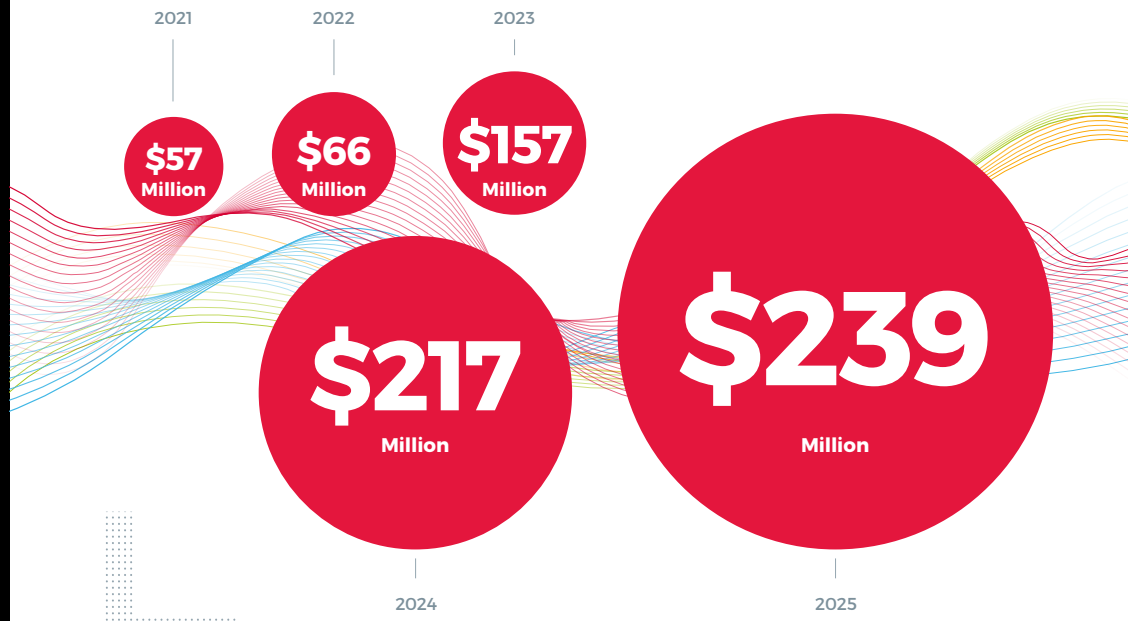
- **D** Dedication
- **P** Precision
- **I** Integrity

Key Facts

- Datalec Power Installations is a wholly owned private limited company, formed in 2012.
- Trading as Datalec Precision Installations Ltd (DPI) it offers a one call, one team service solution.
- Design, supply, installation, MEP, architectural & construction works, consultancy service.
- 90% recurring repeat business & referrals.
- Reinvestment into the business concentrated on client delivery.

> **Constantly innovating and improving to deliver exceptional global data centre solutions**
> that exceed our client needs

Turnover (US $ Million)



Capabilities & Spectrum

Our capabilities include the following services:

Critical Infrastructure

- Connectivity
- Mechanical & Electrical
- Electronic Security
- CSA
- High-density & AI Solutions
- Lifecycle
- Modular Infrastructure
- New/Refurb

Bespoke Manufacturing

- Modular & AI Solutions
- Caging Solutions
- Aisle Containment
- Hyperion Structural Ceiling
- Powder Coating
- Accessories
- Research & Development

Consultancy Services

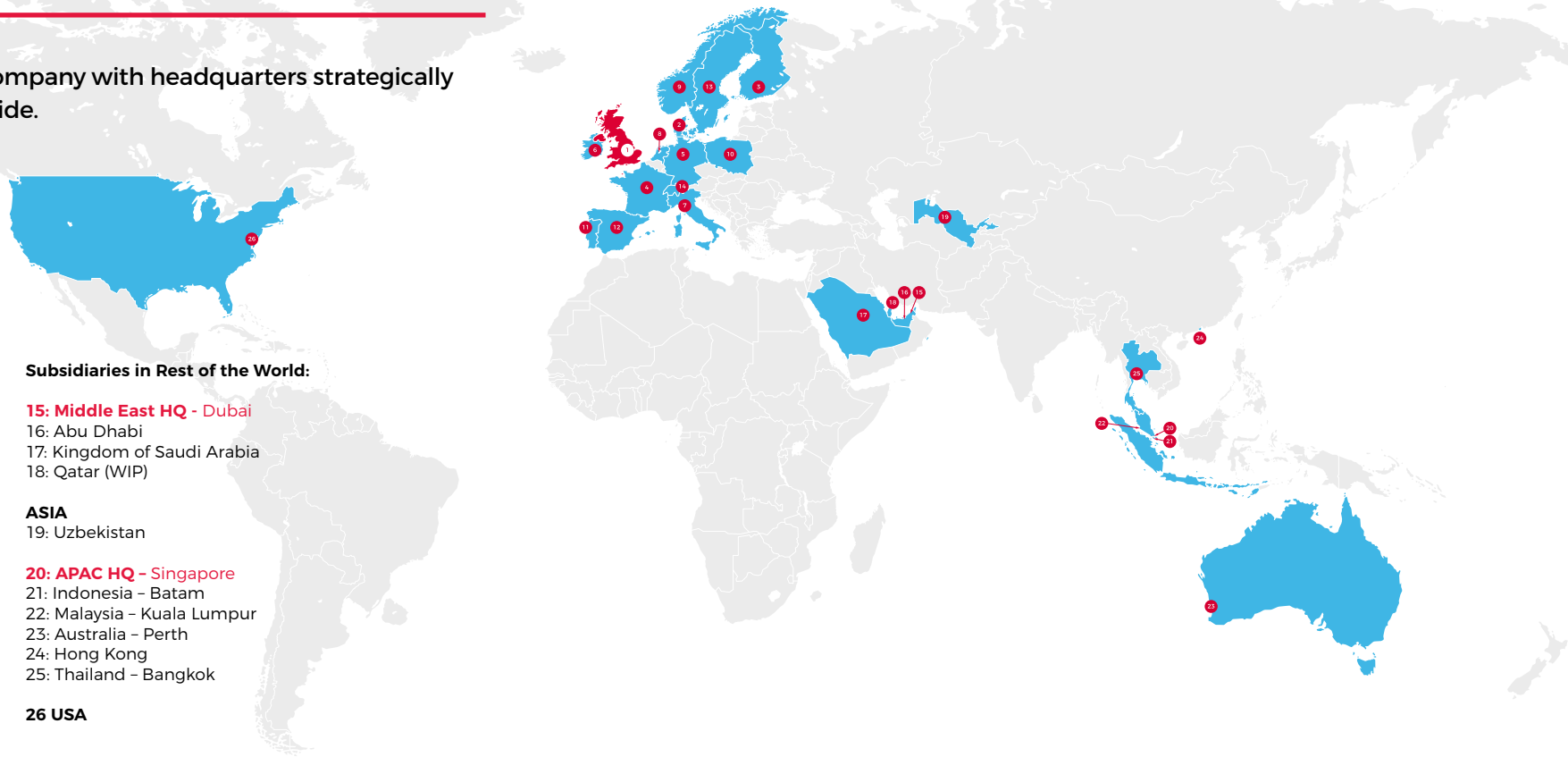
- Project Management
- Client-side Technical PM
- Technical Contract Administration
- Construction Management and Monitoring
- Strategic Project Advisory
- Risk Management & Mitigation

Technology & Data Centre Services

- Data Centre Services
  - Critical Infrastructure Maintenance
  - Facilities Management
  - Technical Cleaning
  - Soft Services
- Technology Services
  - Active Hardware Engineering
  - Technical Resource
  - Remote Hands Service
  - Migrations
  - Data Destruction

Global Reach

Datalec is a globally oriented company with headquarters strategically located to serve clients worldwide.



Parent Company:
1: United Kingdom

Subsidiaries in Europe:

2: Denmark
3: Finland
4: France
5: Germany
6: Ireland
7: Italy
8: Netherlands
9: Norway
10: Poland
11: Portugal
12: Spain
13: Sweden
14: Switzerland

Subsidiaries in Rest of the World:

15: Middle East HQ - Dubai
16: Abu Dhabi
17: Kingdom of Saudi Arabia
18: Qatar (WIP)

ASIA
19: Uzbekistan

20: APAC HQ – Singapore
21: Indonesia – Batam
22: Malaysia – Kuala Lumpur
23: Australia – Perth
24: Hong Kong
25: Thailand – Bangkok

26 USA

Health & Safety

Datalec takes pride in its H&S reputation. The company invests heavily in H&S and training for its management and operatives and fully embraces best practice to ensure it remains ahead of the curve in its commitment to its employees, clients and any third parties. This is supported by ongoing internal H&S campaigns, adaptive systems and its SHE approaches in an ever-changing World and climate.

The company strives for the best H&S culture in the industry, but recognises this can only be achieved with a consistent message, approach and a genuine appetite to continually evolve its H&S culture.

Datalec's health & safety culture is strong, dynamic and ever evolving. Where best practice and innovation is used to achieve only the highest standards

Our Environmental Responsibility

Datalec recognises the significant impact that our services can have on the environment. Rather than only achieving legal compliance, we actively try to protect the environment by promoting sustainable use of natural resources, preventing environmental pollution, participates vigorously in waste minimisation and implements best practice to reduce impacts.

We are continuously looking at ways across the business to improve our environmental stance and believe this will become more critical as the world focuses on the wider issues.

> **Our unwavering commitment to environmental, social, and governance (ESG) stewardship is a cornerstone of our operation**

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Bespoke Manufacturing

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Datalec Hyperion Ceiling System

Providing Certainty with our Structural Ceiling System

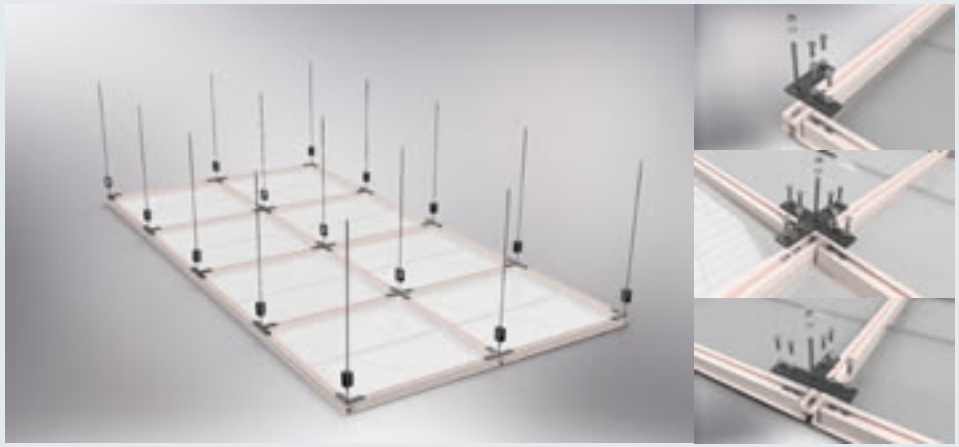
A high-performance structural load ceiling system, engineered to confidently and securely suspend and support all the main components essential to data centre infrastructure, AI facilities and infrastructure, clean rooms and industrial applications.

Reliable, Adaptable, and Cost-Effective Ceiling System

The Datalec Hyperion Ceiling System is a pre-engineered, aluminium structural ceiling designed for maximum functionality and durability. Featuring continuously slotted primary elements and secondary supports secured with robust steel connectors, it provides a stable and efficient solution for suspending power modules/ busbars, cable containment, HOT/ COLD aisle containment and various other essential data centre infrastructure components.

Engineered for versatility, the heavy-duty aluminium grid is quick to install, highly adaptable, and configurable to meet the unique specifications of any data centre. Our innovative extrusion design ensures compatibility with standard strut fasteners, streamlining assembly while enhancing structural integrity.

UK CA CE



Designed and manufactured by DPI for seamless installation, the Hyperion Ceiling System provides long-lasting, high-performance support tailored for the demands of modern data centre operations. Its robust architecture is engineered to accommodate advanced AI facilities and infrastructure, ensuring optimal environmental control, scalability, and reliability for mission-critical workloads.

Key Features & Benefits

Robust Load Performance:

- Point Load Capacity: **6 kN** (load distribution as per diagram).
- Uniform Load Capacity: **8 kN/m²** (load distribution as per diagram).
- Safety factor: **2**

Suspended load data has been independently tested and certified by a third party accreditated engineering body.

Modular & Prefabricated Design:

- Consists of double channel primary and secondary aluminium grid elements, joined via steel connectors — fast, consistent installation with high tolerance control.

Service-friendly Grid:

- 1200×1200 mm centres, offering clear grid openings of 1129.6 × 1129.6mm, ideal for MEWP access and maintenance.

Versatile Application:

- Engineered for data centre infra-structure, including AI applications, clean rooms, industrial ceilings, and containment systems.

Quality & Control:

- Manufactured in the DPI's **UK** and **UAE** ISO-9001 accredited facilities, providing repeatable build quality and delivery certainty.

Aisle Containment

Hot Aisle and Cold Aisle Containment systems offer considerable savings in energy costs by separating airflows; this optimises efficiency whilst also reducing the risk of re-circulation and bypass airflow.

Hot Aisle Containment channels the naturally rising hot exhaust air created by servers directly into a ceiling void or CRAC/CRAH system intake. This containment method prevents hot air from recirculating and mixing with the air supply, increasing the efficiency cooling by up to 30%.

CAC Roof

Drop Down Panels:

Can be used in data halls with sprinkler fire suppression systems and eliminates the need to modify or extend fire suppression sprinklers.

Heat Reactive FM Global Approved Plastic

- Support and cross brackets are adjustable to allow installation of different size panels (adjustable to the different aisles length and width).
- Available for installation on any cabinet type and size.

Fixed Panels:

Flexible, modular design, adjustable to different aisle lengths and widths. Can be retrofitted on any cabinet type and height.

Sliding Roof Panels:

- Easy access to overhead services and light fittings.
- Available for installation on any cabinet type and size.

Active Roof Panels:

Active roof panels are integrated with DC fire suppression system and open automatically during a fire alarm event to allow access of gas or water mist suppressant inside contained aisles.

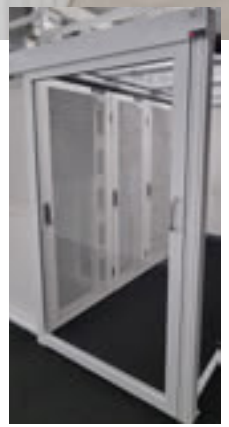
Electromagnets hold active roof panels closed during normal operation and in the event of an alarm, release roof panels to swing open.

Our rigorous project management and supervision ensures solutions are implemented the first time, every time

Doors

All doors are:

Suitable for installation on any cabinet type and size. Available in anodised aluminium or powder coated finish in variety of colours.



Bi-sliding:

- 1200, 1800 or 2400mm wide with or without lock self-closing with speed control and soft close.
- Aluminium frame (anodised or powder coated finish).
- 4mm Polycarbonate or Toughened Glass vision panels.
- Door coordination option available.

Single sliding:

- 900 or 1200mm wide.
- Self-closing with speed control and soft close.
- Aluminium frame (anodised or powder coated finish).
- 4mm Polycarbonate or Toughened Glass vision panel.

Hinged:

- 900 or 1200mm wide.
- Self-closing with speed control and soft close.
- Aluminium frame (anodised or powder coated finish).
- 4mm Polycarbonate or Toughened Glass vision panel.

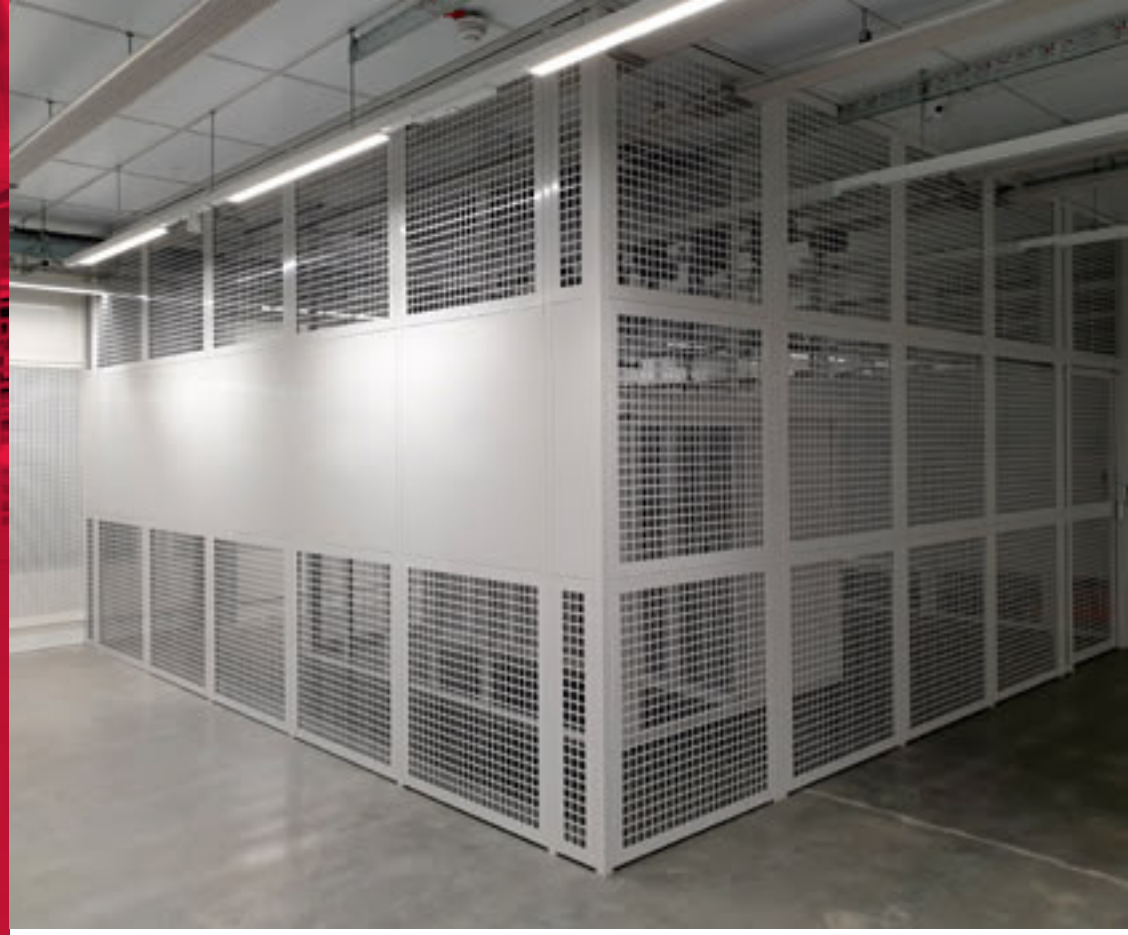
Cage CAC door (secure containment):

- Sliding or hinged doors can be supplied with a variety of locks such as electro-magnetic (can be integrated into existing access control system or stand-alone), key operated locks etc.
- Vision panels provide sufficient lighting inside the aisle without security being compromised.

Security Cages

IT equipment and data security is an ongoing concern for Data Centre managers as IT systems continue to play an ever more critical role in daily operations. A standard server cabinet locking mechanism is often not enough to satisfy a Data Centres' security requirements. For this reason, Datalec has designed security cages that ensure optimum safety at all times.

Mission critical data centre installations: Secure containment, storage & staging



Cage Wall

Steel:

1.5mm (standard). Options of 2.0mm, 2.5mm and 3.0mm are available.

Cage Frame:

50mm x 50mm x 1.5mm Box Section. Options of 2mm and 3mm are available.

Punched Holes:

12.7, 19, 25, 33, 38, 45 mm square, 1- 3mm rounded corners other hole patterns and sizes are available on request.

Fixings:

M6 Machine Screws, M6 Nylock Nuts, 5.5 x 25mm Tek screws. Security fixings available on request.

Height:

Available to a height of 8.0m.

Underfloor Barrier

Steel:

1.5mm (standard). Options of 2.0mm, 2.5mm and 3mm are available.

Punched Holes:

12.7, 19, 25, 33, 38, 45 mm square, 1-3mm rounded corners; other hole patterns and sizes are available on request.

Fixings:

M6 Machine Screws, M6 Nuts, 5.5 x 25mm Tek screws. Security fixings available on request.

Roof Support:

50mm x 50mm x 2.0mm Box Sections or Channels. In some instances, vertical supports will be needed.

Secure Louvre

Louvre Partitions and Panels:

Aluminium or Steel Louvres (up to 70% free area) Perforated steel panels fitted for additional security.

Single and double bank blades options.

Cage Roof

Steel:

1.5mm (standard). Options of 2.0mm, 2.5mm and 3.0mm are available.

Punched Holes:

12.7, 19, 25, 33, 38, 45 mm square, 1-3mm rounded corners other hole patterns and sizes are available on request.

Roof Support:

50mm x 50mm x 2.0mm Box Sections or Channels. In some instances, vertical supports will be needed.

Fixings:

M6 Machine Screws, M6 Nylock Nuts, 5.5 x 25mm Tek screws. Security fixings available on request.

Doors

Steel:

Sliding or Hinged.

Size:

900mm - 2400mm wide,
2000mm - 2900mm high .

Locks:

Key, electromagnetic, mechanical code locks, emergency exit hardware, electromechanical (Abloy EL 560/561).

Fixings:

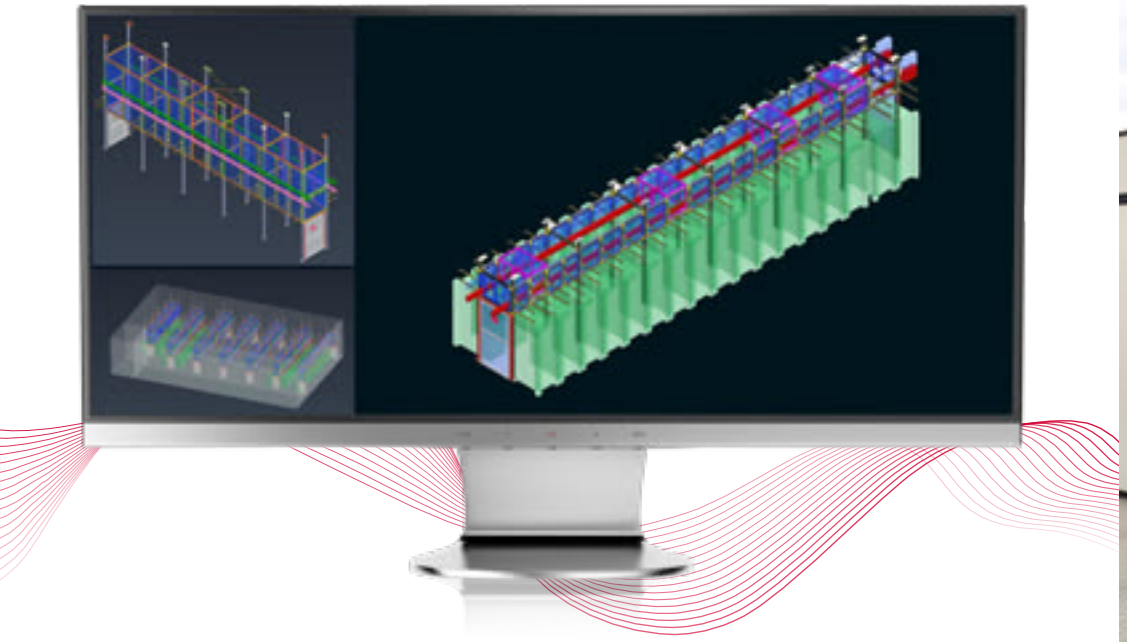
M6 Machine Screws, M6 Nuts & 5.5 x 25mm Tek screws. Security fixings externally.

Lead Time:

Delivery is 2-3 weeks from receipt of order with installation the following week.

Freestanding Aisle Frame

Our innovative approach is the driving force for our consistent improvements



Datalec's freestanding aisle frame provides a simple and efficient method for the deployment of infrastructure support and aisle containment.

Designed to provide a complete system solution that combines the key components of containment, cable and power pathways, and cabinet docking into a single modular structure, it enables mission-critical facilities to build and scale data centres quickly and efficiently.

Roof Chiller Containment

Aisle containment principles can be applied to other vital data centre systems to increase cooling efficiency. Cold Aisle Containment solution can be modified for exterior use and used to segregate cold intake air from hot exhaust air.

Improves PUE in your data centre

Server Rack Cabinet Enclosure

Heavy-Duty Cabinets Engineered for Performance and Sustainability.

We specialise in the manufacture of fully bespoke, heavy-duty cabinets designed to meet each client's unique specifications. Sustainability is embedded throughout every stage of production, from initial design and precision powder coating to final assembly and shipping, all carried out on-site at our dedicated manufacturing facilities.

Server Rack Cabinet Enclosure

Our fully integrated approach ensures exceptional quality control, consistent craftsmanship, and streamlined operations.

The result?

Faster delivery timelines that align with the pace and demands of dynamic regional projects.

Specifications: Bespoke Network / Server / Cabinet Enclosures

- Standard sizes:
  Widths – 600mm, 750mm and 800mm
  Depths – 1000mm and 1200mm
  Height – 42U/47U/52U
  Bespoke sizes available on request.
- Material: Aluminium extrusions frame, steel perforated doors, side panels, top cover and accessories (polyester powder coated).
- Colour: White RAL9003 std, other colours on request.
- Door free area: 80%.
- Door locking mechanism: Two-point locking, key operated swing handles with keyed alike or keyed to differ cylinders, combination lock handles, electronic handles with proximity card and/or biometric access.

Sustainability

- Aluminium extrusion for cabinet's frame is of the same type as used for our aisle containment solutions which significantly increases our materials utilisation and manufacturing efficiency.
- Airflow management which improves PUE.

Value Add

- Optional Accessories: Slide-in dividing panels, blanking panels, shelves, custom brush strips, cable management, bespoke cable entry locations, lighting, electronic security features (cameras), castor wheels,
- Managed Services: Full pre-staging/rack & stack capabilities - active equipment, structured cabling, PDUs, CDUs, rear door heat exchangers.

Designed and manufactured by DPI.

Powder Coating Facility

4 4 guns fully automated paint booth, with additional stand alone bay.

60 60 standard colours available, all others available on request.

164 164m conveyor track length including 15m of pre-treatment, 15m of drying oven and 35m curing oven.

1.5 1.5 hrs track time.

40 40 x standard 1200mm x 1200mm panels per hour spray capacity.

Our on-site powder coating facility brings together the core characteristics of Datalec, of being agile, efficient and precise. The ability to have complete control over the process means that we have better quality control and shorter lead times leading to better efficiency. It also means we are able to use the most up-to-date technological process that enables us to deliver an environmentally responsible product due to its green credentials.

Highly Sustainable

- Green process system due to using close circuit plaforization pre-treatment which **produces zero chemical waste**
- Powder recycling improves efficiency and CO2 reduction and **reduces waste by 90%**

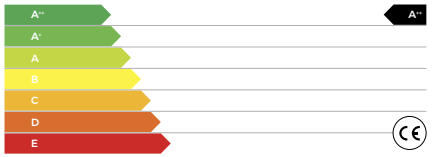
Datalec LED Luminaire

The Datalec LED Luminaire is a lighting system with low power consumption and minimal heat generation, providing long term affordability. These standalone, modular design, lights can be easily installed with new HAC/CAC or retrofitting into exiting PODs of any length. Manufactured in the UK and designed to meet the TIA-942-A Standard for data centre lighting controls.

Specifications

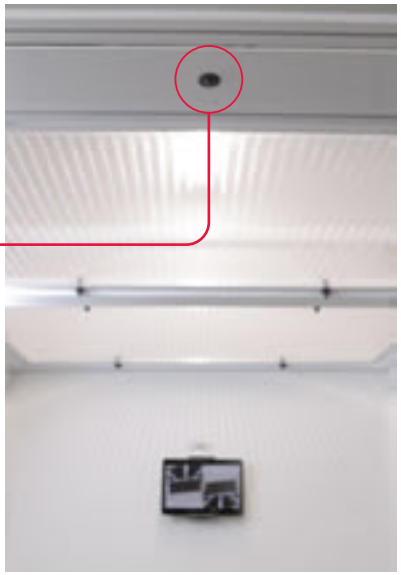
- Energy efficient.
- Capable of producing a large amount of light at a low wattage.
- Long term affordability.
- Modular design with easy connections to suit any POD length.
- Standalone product, providing easy installation with new HAC/CAC or retrofitting into existing PODs.
- Integrated microwave sensor.
- Magnetic fixings for easy and speedy installation (Magnet Fixings 11.5 KG Pull force per Magnet).
- Manufactured in the UK, providing quicker delivery times for client.

EPC RATING



360° Camera:

Security is paramount. With this in mind, Datalec has developed a mechanism to incorporate a 360°-axis dome camera into our aisle containment systems that optimises the camera discreteness and aesthetical appearance. This also allows for a full non staffed key security system.



Research & Development

By prioritising on R&D and fostering collaboration among our cross-functional teams enables us to effectively respond to changing market conditions and our client preferences. Our adaptability and responsiveness allows us to accommodate changing market conditions and evolving client preferences. From concept to delivery, all elements are provided by our in-house expertise, ensuring that we remain at the forefront in our industry.

Examples of our in-house R&D solutions include:

- "G" shape bracket.
- Ladder splice brackets.
- Junction splice kit and others.
- Load bearing tests on floor stand.
- Lifting device for fully loaded cabinets.

From concept to delivery, all elements are provided by our in-house expertise

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Critical Infrastructure

Connectivity

We use our own highly experienced, fully qualified, and certified designers, field technicians, and project management employees, with a combined 125+ years experience, to provide our clients with the security that all projects will be delivered in accordance with our exacting standards.

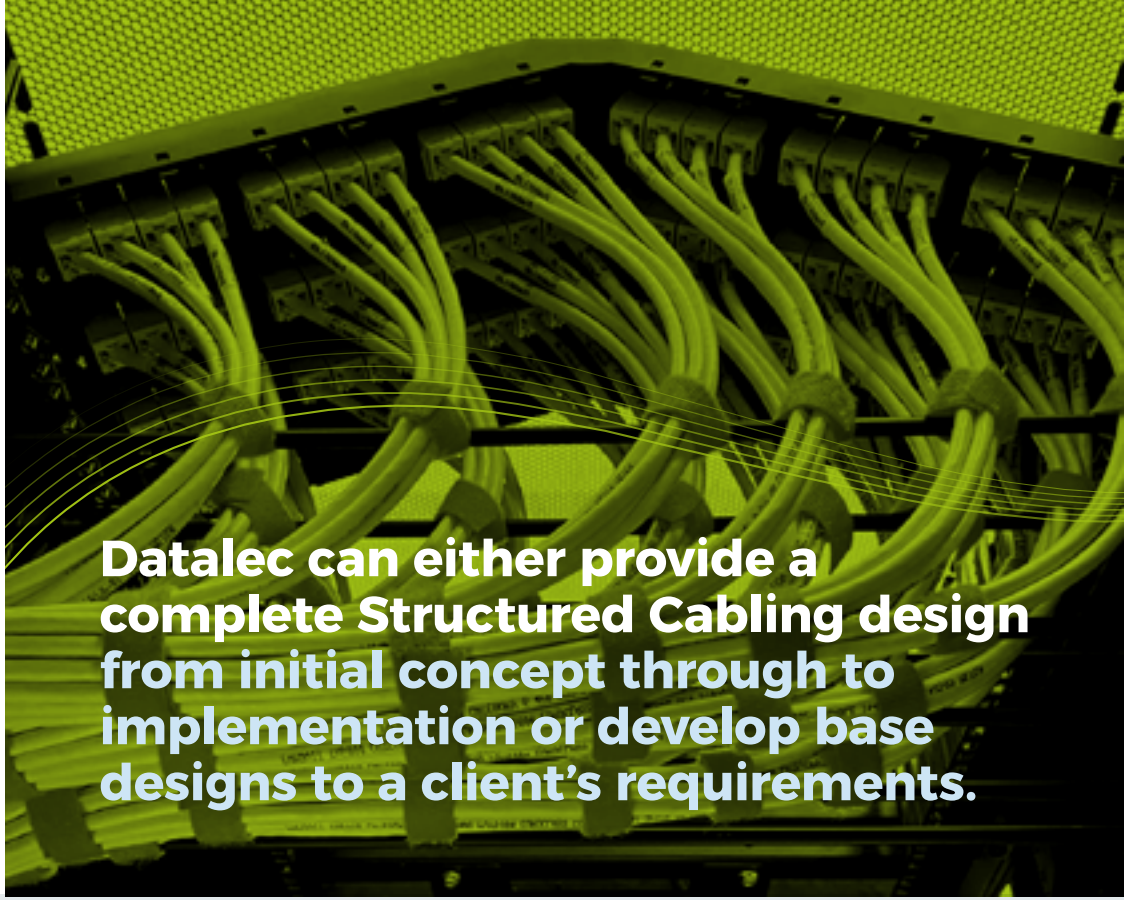
Datalec's Team Of Field Technicians

Our certified technicians offer support to customers providing expert guidance throughout the project lifecycle from initial planning to operations on-site.

- Accredited with major manufacturers.
- Experienced migration technicians.
- Field trained to supplement experience.
- Accredited CNCI Field staff.
- Accredited Technicians – Server+, Network+ status.

Our Fleet Includes:

- Fluke MPO Tester.
- Fluke Versivs.
- Conventional Splicers.
- Ribbon Splicers.
- Optical Time Domain Reflectometers (OTDR).
- EXFO Testers (service engineers).



Datalec can either provide a complete Structured Cabling design from initial concept through to implementation or develop base designs to a client's requirements.

Pre-Construction/ Scope of Work

- Scope and Design.
- Workshops.
- Bespoke Engineering Projects.
- Commissioning.

Project Procurement

- Supply Chain Management.
- Cost Benefits Programme.
- Global Distribution Agreements.

Commercial Management

- Change Control Management.
- Forecasting & Risk Analysis.
- Value Engineering Solutions.

Construction

- Health & Safety Management.
- DPI Quality Assurance.
- Accredited Technicians.
- Programme Reporting.

Commissioning

- Commissioning Management.
- Test & Inspection Certified.
- Full Certification.

Handover

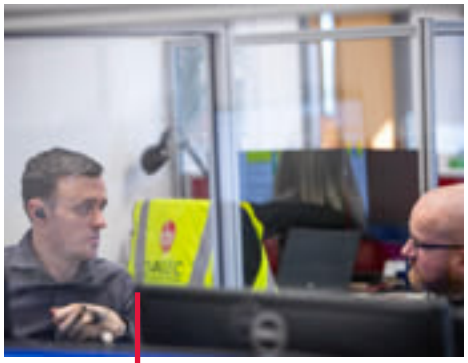
- DPI & Third-Party Inspections.
- Client Debrief and Handover.
- Case Study as appropriate.

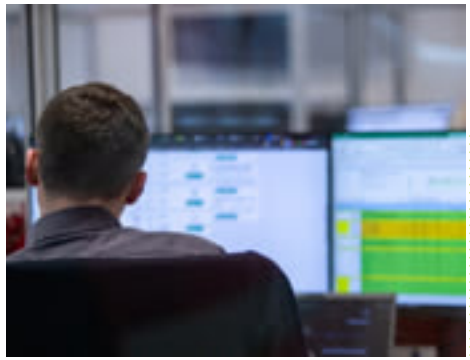
Business as usual, service & project teams

- Mobilised in Datalec Company Vehicles.
- Fluke and EXFO Testing Equipment.
- Splicing Equipment (conventional and ribbon).
- Self-Delivery Model.
- CNCI Technicians.
- CNIDP Designers.
- CDCDP and CTPM Qualified.

Core design & implementation ability

- Traditional Structure Cabling Solutions.
- Bespoke Secured ODF Solutions.
- IP Based Copper, Fibre, Monitoring Cabling.
- Power Fibre, Electronic Security, Wi-Fi and Networking.
- Pre-Terminated Deployment Services.
- Pre-Staging Lab Services.
- Landlords critical monitoring, cabling and connections.





Our rigorous project management and supervision ensures solutions are implemented the first time, every time

Core Design & Implementation Ability

Datalec can either provide a complete Structured Cabling design from initial concept through to implementation or develop base designs to a client's requirements.

Working closely with our clients at all stages, Datalec is able to provide a solution which both fits our clients immediate and future requirements.

Datalec's design team come with a wealth of industry knowledge and experience and are continually keeping up-to-date with the latest Industry Standards as well as Structured Cabling Manufacturers specifications and solutions.

Pre-Term Facility

Datalec have a bespoke facility off-site, ready to pre-term at a moment's notice. This facility supports our clients in achieving their fast delivery time frames as we can complete works beforehand, enabling our clients to compact their programme. We utilise a five step process to ensure works are protected and quality is maintained to the highest standard.

Post Project Documentation

Datalec provide all our clients with post-project documentation, such as test results, as built drawings, warranty certificates, which form part of the Operation and Maintenance Manuals. It is our belief that the project is not completed until this has been achieved, as we consider the provision of such documents to be equally important as the delivery of the installation.

TIQC

The Datalec TIQC initiative is a unified focal point for testing, inspection, quality and commissioning complementing our vision of delivering excellence for these key requirements across all projects and locations.

Testing

Crucial to ensuring that systems and capital plant is tested in line with relevant standards, DPI ESSW & ITPs.

Testing is to be carried out in line with relevant standards and by trained, competent, personnel.

Inspection

Fundamental to ensuring that standards are adhered to deliver installations that are safe and ready to handover and function.

Software is available to log snags and defects which are logged on a centralised database. This information is be visible and available to the whole project team.

Quality

Datalec's reputation, repeat business and success relies heavily on delivering a quality product. Projects need to be delivered to the highest standards through proactive monitoring and progressive auditing and snagging.

Auditing and checks will be undertaken during the projects to make sure that exemplary standards are maintained.

Commissioning

There is a spotlight on commissioning in the critical environment which demands rigorous and detailed strategies, stages and processes.

Commissioning programmes are defined and agreed early with schedules collated and managed. Meetings held periodically to provide visibility and updates on progress to ensure targets are met.

TIQC Condition Monitoring Service

- Asset management.
- Condition monitoring solutions tailored to your electrical system.
- Eliminate extensive planning and risk through carrying out periodic Inspection & Testing.
- Increased safety and reliability.
- Major cost savings.
- No system downtime.
- Non-break fix solution.
- Planned & budgeted maintenance.

MEP & Life Safety Systems

Architectural / Construction

- Raised access, resin and anti-static flooring.
- Drywall and whitewall installations.
- Bespoke and suspended ceilings including bracketing installations.
- Installation of doors, both fire rated and security.
- Joinery and carpentry.
- Structural supports including spreader beam installation for heavyweight cabinets.
- Decorations.
- Fire stopping.
- Technical and critical environment cleans.
- Physical security.
- Modular Infrastructure.

Electrical

- Primary & secondary containment installations.
- Bespoke bracketry arrangements.
- Structured cabling and fibre networks.
- Sub-mains power supplies.
- Panel installations.
- Busbar and busway installations.
- Lighting and small power installations.
- Fully tested and NICEIC certified.
- Electronic Security Solutions.

Mechanical

- Fire rated and general supply/ extract ventilation systems.
- Mild steel and stainless-steel pipework installations.
- Direct expansion installations.
- Water treatment.
- Commissioning of mechanical systems.
- Heat load testing to prove cooling systems.
- Technical Loops and Fluid Networks.

Public Health

- Sump pump installations to internal and external environments.
- All elements of drainage.
- Condensate systems.
- CWS and HWS.

Modular Solutions

With customisable modules that can be easily added or removed, these solutions provide a cost-effective way to expand data storage and processing capabilities without the need for a complete overhaul of existing infrastructure.

Our modular data centres are equipped with state-of-the-art cooling systems, power distribution units, and security features to ensure optimal performance and data protection. Ideal for businesses of all sizes, our solutions can be tailored to meet specific requirements and growth projections.

Our modular data centre solutions offer a flexible and scalable approach to meeting the ever-changing needs of businesses.

Electronic Security

Datalec's in-house enterprise electronic security systems provides clients with a unique end-to-end solution that eliminates the disruption often associated with third-party security provision.

Revolutionising project delivery our enterprise security systems can be pre-configured and pre-installed for our end-to-end solutions. Providing a seamless and unified experience for data centre operators and providers, this approach addresses typical project creep associated with Ready for Service Dates (RFSD), overcomes security issues, and ensures on-time and on-budget project delivery, meeting the high standards expected by clients.

Providing a seamless and unified experience for data centre operators

- Brings the delivery of electronic security to the primary installation phase.
- Utilise multi-skilled engineering across connectivity and security to provide economy of scale and value add.
- Provide pre-build/pre-terminated/pre-tested control panel layouts/racks from our manufacturing facilities.
- Provide bespoke installation/products at manufacturing stage.
- Pre-build/Pre-termination.
- In-house Electronic Security Design.
- Bespoke manufacturing capability.
- Full turnkey installation of equipment.
- Commissioning.
- Project Management and oversight of third-party delivery.
- Video Surveillance Systems
- Access Control (Card Readers, Biometrics, Iris).
- Intercom Systems and Detection Systems (Internal and Perimeter).

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Consultancy Services

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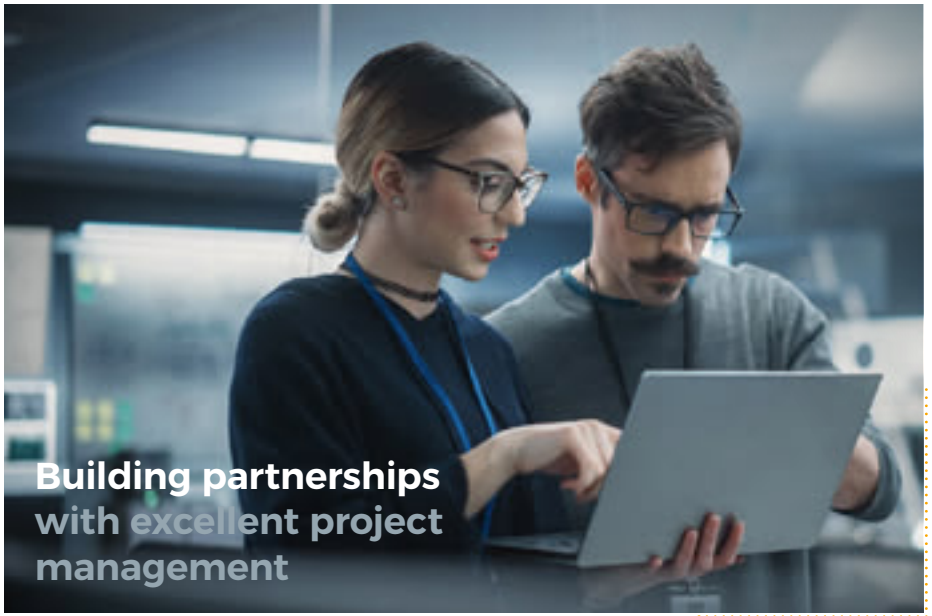
Project Management Services

Whatever the scope and complexity, our project delivery process ensures we always deliver to the same exacting standard. Our business is built on the firm foundations of confidence and trust.



Collaborative and aligned team working

We pro-actively manage upstream and downstream relationships to ensure collaborative and aligned team working.

We integrate ourselves within our client teams to understand their vision and needs, which in turn allows us to manage the project more effectively by deploying the most appropriate project controls and strategies. Our technical expertise and proactive approach to risk management are cornerstones of our project control mechanisms. We tailor these as required, as each project is unique with its own set of challenges and opportunities.

We possess real-time knowledge of industry trends and challenges, supply-chain dynamics and world-class construction practices. This sets our service offering apart by allowing our professionals a level of data centre awareness that is second-to-none.

Our services include:

- Portfolio Management.
- Construction Management and Monitoring.
- Client-Side Technical Project Management.
- Risk Analysis Management and Mitigation.
- Strategic Project Advisory.
- Technical Contract Administration.

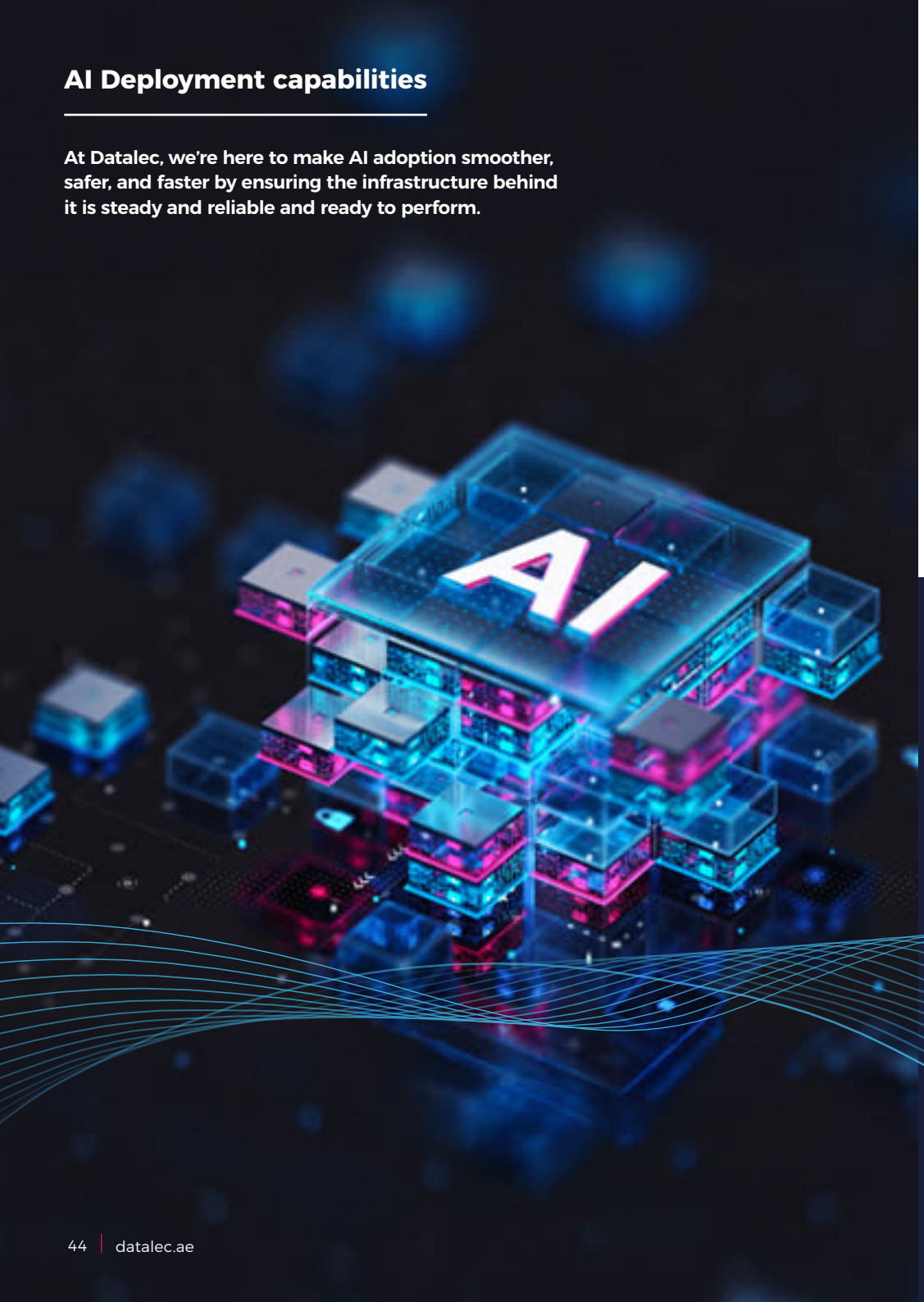
DATALEC
PRECISION INSTALLATIONS

Technology & Data Centre Services

datalecltd.com

AI Deployment capabilities

At Datalec, we're here to make AI adoption smoother, safer, and faster by ensuring the infrastructure behind it is steady and reliable and ready to perform.



As AI environments grow more complex, our clients rely on us for the specialist expertise needed to get things right first time. Thanks to our close technical partnerships and hands-on experience delivering multiple successful AI deployments, we're able to support every stage of the process, from the initial infrastructure connectivity and NVLink fabric setup to GPU testing and compute node initialisation, ensuring your systems are fully prepared for seamless, tailored configuration.

We treat every setup as mission-critical. That's why we carry out thorough DOA checks, SAT/FAT pre-deployment testing, network validation, and automated bootstrapping to make sure every environment is stable, fully functional, and deployment-ready before it reaches your teams.

Our engineers bring deep knowledge across UNIX, GPU infrastructure initialisation, network configuration, and lifecycle management, blending technical skill with a practical, solutions-focused mindset.

For our clients, this means quicker results, consistent performance at scale, reduced risk, and an infrastructure foundation that supports both rapid growth and ongoing innovation.

Whether you're building your first AI platform or expanding an existing one, DPI gives you the confidence that your environment is not only ready, it's built to perform.

Remote Hands Service

Remote Hands: providing technical support to the UK (24 x 7 x 365), Ireland, Mainland Europe, APAC and the Middle East.

Our remote hands service is a fast and reactive service that guarantees securing a suitable resolution to meet client needs, providing peace of mind and confidence.

A qualified data centre technician is deployed, within the agreed SLA, to attend to the clients' needs whilst providing regular updates on the status of a case using an integrated service platform. Whether the client has the need for break-fix support or Smart Hands they can rely on Datalec's remote hands.

This is an outstanding service. Not only will it enhance operational efficiency for Datalec's data centre clients, our reactive and flexible service options are specifically tailored to our client's requirements and affords them the scalability needed to grow their business.

What's available

Structured cabling or port faults, repairs, and testing (including patching). Cable tracing as a part of break-fix.

Visual inspection of equipment and reporting observations.

Receiving deliveries or packaging media in preparation for customer collection.

Manual power cycle or reboot of equipment.

Audits and data destructions.

Datalec can provide a scheduled service based on equipment or customer requirements.

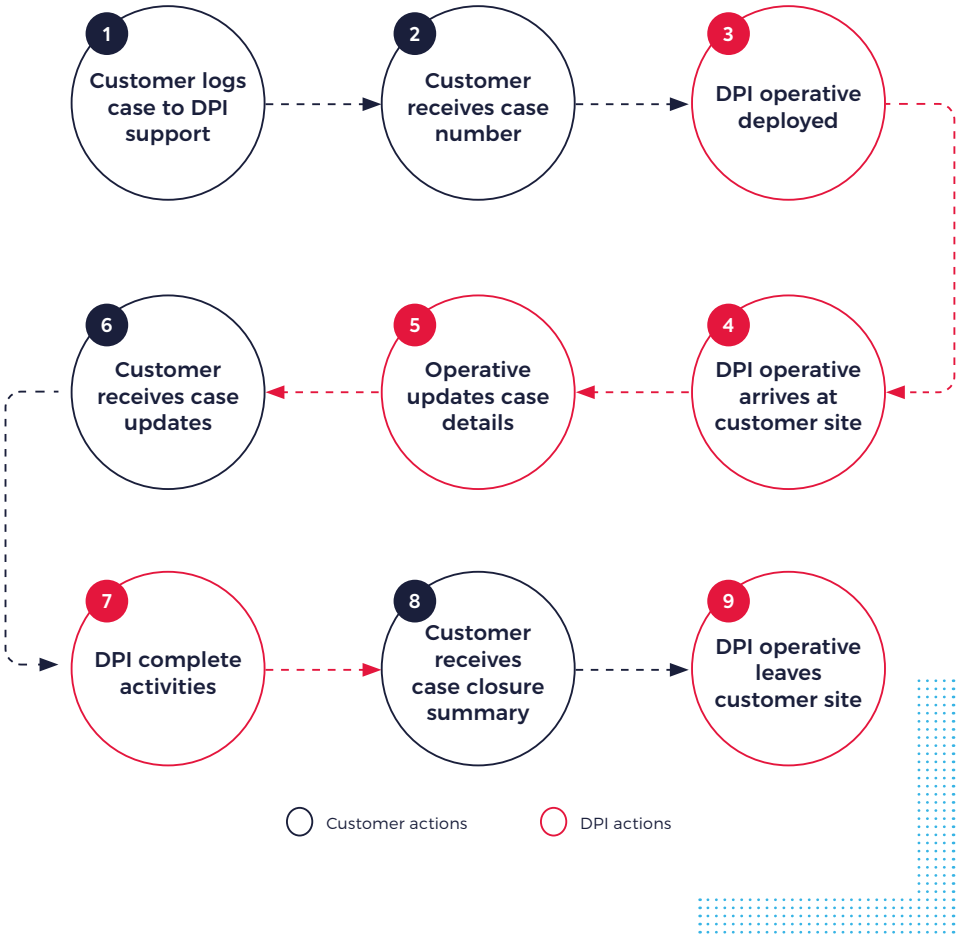
Datalec's remote hands service has proven to be a real asset to our business.

Knowing that we can have certified engineers available on a 24 x 7 x 365 basis provides us with complete and invaluable peace of mind. Their responsive service and willingness to go the extra mile is testament to their dedication to clients and we look forward to continuing our relationship with Datalec in the future.

How the 24x7 call out works for high priority call outs

Once a client raises a case through Datalec's Salesforce CRM system a technician will respond within minutes. Based on the support levels, the reactive service will ensure that the case is dealt with within the agreed SLA, to ensure that every element of the case life cycle is handled in accordance to industry standards.

A dedicated service coordinator is available during core office hours to attend to additional customer service needs.



Case priority ratings

Wrap around care. Datalec's qualified team can perform a wide range of troubleshooting tasks, of exacting standards, ensuring business continuity.

Critical call out service only

PRIORITY LEVEL
HIGH

Significant business impact. DPI operative deployed

4 Hour SLA to attend (24/7)

Key Deliverables

Attend site

Engage with customer

Investigate case and provide analysis of issue

Provide support through to case resolution

Full wrap around care

PRIORITY LEVEL
MEDIUM

Non-critical business impact

Next Business Day (Business hours or next working day)

Key Deliverables

Attend site

Engage with customer

Investigate case and provide analysis of issue

Provide support through to case resolution

PRIORITY LEVEL
LOW

Limited or low business impact

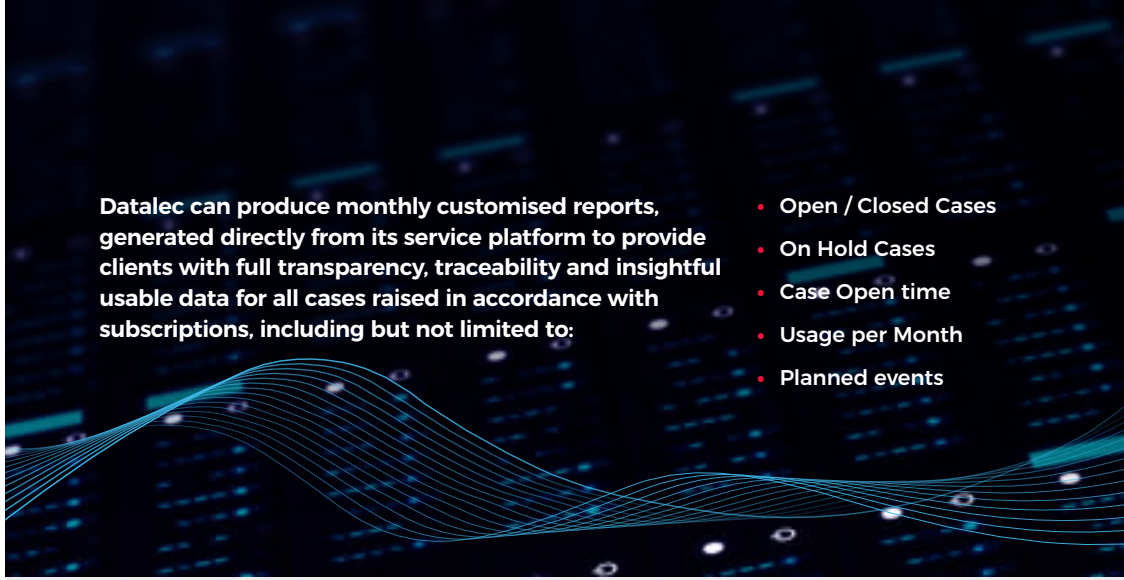
With 2 business days or planned activity

Key Deliverables

Schedule activities

Coordinate with customer to ensure case resolution

Datalec's service platform has the ability to integrate into existing customer systems, saving time, money and training

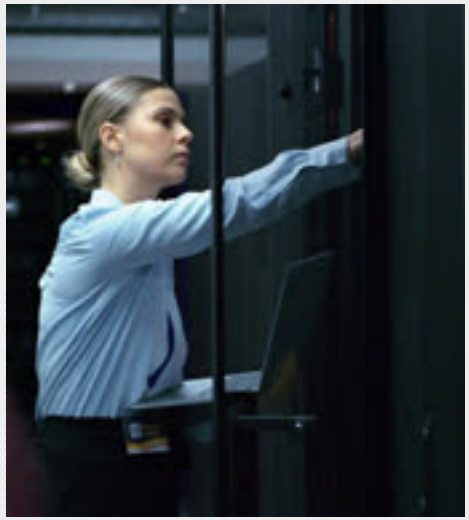


Datalec can produce monthly customised reports, generated directly from its service platform to provide clients with full transparency, traceability and insightful usable data for all cases raised in accordance with subscriptions, including but not limited to:

- Open / Closed Cases
- On Hold Cases
- Case Open time
- Usage per Month
- Planned events

Resident technicians

With demanding end customer SLA's and expectations, it may be cost effective for Datalec to offer on-site resident technicians for either core business hours or 24/7/365. This ensures that end customer expectations are met whilst mitigating risks and penalties to the landlords. This is invaluable as site knowledge is critical and by way of a resident you maintain continuity and achieve value for money.



Benefits of on-site resident technicians:

- Structured cabling or port faults, repairs, and testing (including patching).
- Visual inspection of equipment and reporting observations.
- Hardware replacements.
- Loading and replacing media as directed by the customer.
- Operating scripts issued by the client on the client equipment.
- Performing hard or soft resets/reboots of equipment upon request and combine with 'Running system admin task'.

Migration Services

Datalec has a wealth of experience across all elements of Migrations with particular focus working in the Technology and Finance Sectors.

From data centre fit-outs to technical services, we will provide the professional services that our clients require on time and on budget.

Our Service Includes

- **Project Management** – dedicated Project Management and Co-ordination.
- **Client Workshops** – working with you to define the scope of your project.
- **Scheduling** – helping you in the planning/staging of your migration needs to minimise risk.
- **Auditing** – carrying out a full audit prior to any migration activity. This can be scaled to your requirements.
- **Space Planning** – providing support for space allocation in your target destinations.
- **Server Re-stacks** – efficiency is key with your data centre space and should you need to organise your existing hardware in an optimal manner, we will facilitate and support you through the process.
- **Logistics** – we understand the value of data and hardware and we will always ensure your hardware is transported according to industry standards and expectations.
- **Hardware Support** – we can provide a 24/7/365 remote hands service where required.
- **Preparation** - patching schedule and documentation.
- **Command and Control** – from the point of go live for any change, we provide on-site command and control to oversee your migration from start to finish with 24 hour round the clock support.
- **Insurance** - we can offer insurance cover to ensure your hardware has wrap around care.
- **Hardware Goldstock** - should you have a hardware failure we can provide an SLA driven service to support this to provide an extra level of comfort.
- **On site Network Engineer -** Certified Network Engineer can be made available should you require.
- **Organisation Checkpoints** - we will keep all stakeholders updated on the progress of the migration with regular updates.
- **Open Bridge** - should you wish an update on the progress of your migration or ask a question we will be there throughout the duration of the change window.
- **Post Migration debrief.**

Auditing Services

Asset Audit	In some fast paced and critical environments, it is not unheard of to lose track of your asset inventory. Datalec Connectivity can audit your estate and provide you with a comprehensive view of your assets.	• **Host names.** • **Serial numbers.** • **Asset Tags.** • **Rack locations, U heights, & size.** • **Attached hardware.**
Power Audit	Power management is important to get right and manage effectively. Ensure your dual fed devices are correctly connected for resilience as well as highlighting risks to your setup where single fed devices can be found.	• **PDU and power distribution audit.** • **Power lead management and tidy.** • **Redundant cable decommissions.**
Pre – Migration Audits	Combining many of the above services into one complete package we will ensure you have a full and comprehensive view of your setup with a full patching schedule in preparation for the migration activities. We will highlight any identified risks and advise on best practice solutions. We will also provide a patching audit in readiness for your migration for full visibility of your connectivity.	• **Asset Audit.** • **Power Audit.** • **Patching Audit.** • **Patching Schedule.** • **Target DC or location survey.** • **Work with the client on space allocation.**

Patching Services

Patching Audits	Full audits of existing patching from source to destination whether with one cab or through the structured cabling, we will provide you with a full view of your connectivity no matter the size of your estate.	• **Fibre and copper audit.** • **Labelling services.** • **Decommissioning redundant cabling.** • **Intercab/underfloor/ overhead audit.** • **Cable management and tidy.**

Cable Audit Information Summary

Audit Element	Explanation	Included	Audit Element	Explanation	Included
Source Rack Location Ref	Rack reference number	✔	**Cable Type**	Cable and terminator type	✔
Source Device Name	Name as stated on equipment	✔	**Cable Label Details**	Details of existing cable label	✔
Source Device U Position	Device U position	✔	**Destination Rack Location Ref**	Rack reference number	✔
Source Device Interface Card	Device interface card	✔	**Destination Device Name**	Name as stated on equipment	✔
Source Device Interface Port	Device interface port	✔	**Destination Device U Position**	Device U position	✔
Cable Routing Information	Routing info (longline, direct etc)	✔	**Destination Device Interface Card**	Device interface card	✔
Patch Panel Information	Patch Panel name and port	✔	**Destination Device Interface Port**	Device interface port	✔
Cable Colour	Cable or cable clip colour	✔	**Comments**	Any other comments	✔

Project Management

When you choose Datalec for your server migration activity you not only get certified technicians with the right skill set, you also get a wealth of comprehensive migration knowledge in the form of an assigned project manager who will provide you with the guidance for a painless end-to-end solution.

Our Project Management team will be on hand through the planning phase of your migration as well as being on the ground at the source and destination sites of your migration. They will be there to provide you with continuous updates on the progress of the migration as well as tracking the schedule of events from start to finish in addition to supporting you in reporting back into your business.

We will build your SOE with your business to ensure all key activities are captured and tracked as well as tracking any faults or issues throughout the life-cycle of your change.

to provide you with the guidance
for a painless end-to-end solution

Logistics

At Datalec we understand that the logistics of your equipment are just as important as the pre-checks of your operating systems. The specialist handling and security of your hardware is done in a careful and controlled manner should you require a multi-site migration.

- Secure IT transport and storage.
- Confidential, non-stop and to tight deadlines.
- Complete Data Centre Decommissioning services.
- Technology Migration.
- Specialist final placement.
- Timely arrival at site to liaise with Lead Engineer/Project Manager.
- Tail lift vehicle, air suspended box with Porterage.
- Create an inventory list, recording host name or serial number and model (attach to container externally) in a dispatch envelope.
- Once the inventory is checked and approved, the project manager/lead engineer will attach an anti-tamper seal to the door of the container (recording the individual seal number) A copy of this inventory is dispatched in advance to the delivery site.
- Load each container and secure within the vehicle and once complete, placing another seal at the rear of the vehicle when the tail lift is closed.
- Dedicated transport non-stop to the delivery site, unload, verify seal, unpack and hand over to Lead Engineer.
- Ensure the site is left clean with all packaging removed.

We offer comprehensive off-site capabilities to fully pre-stage customer infrastructure before it reaches your location.

Our facility supports complete rack-and-stack services, structured connectivity, and thorough pre-deployment diagnostics. Each build undergoes performance validation and stress testing to ensure reliability from day one.

Once pre-staging is complete, clients can securely remote into their environment to finalise configuration, validate design decisions, and carry out any additional customisation prior to shipment or installation. This approach reduces on-site deployment time, minimises risk, and ensures a smoother, more predictable go-live experience.

Datalec hold system accreditations with all the major manufacturers

Secure Data Destruction & IT Asset Disposal

IN PARTNERSHIP WITH n2s

n2s is one of the industry leaders in technology lifecycle management with specialist expertise in data centre decommissioning projects. Data security and sustainability are at the core of their methodology. n2s have played a pro-active role in the project management of the decommissioning of some of the UK's most secure data centres.

Our partnership with n2s blends our joint expertise and agility and starts with a proactive, planning and design stage. Building you the most secure and sustainable outcome for your decommissioning requirements whilst taking care of legacy equipment in the most economic and environmentally positive way.

With data centres being one of the largest emitters of greenhouse gases (GHG) whilst

in operation, n2s and Datalec can help minimise their environmental impact on decommissioning by ensuring equipment suitable for reuse is given a second life and recovering all materials zero to landfill. An Environmental Impact Report is provided detailing the carbon and water avoidance of managing your equipment sustainably.

n2s Data Centre Decommissioning Services

Supporting the planning & removal of legacy/redundant data centre equipment, including, servers, switches, PSU's, racks and cabling.

On-site services and logistics are provided by our own team of Security Cleared Field Engineers in n2s secure tracked vehicles and include;

- Mobile and off-site data destruction.
- Deracking of servers.
- Removal of empty racks and cabling.
- Data Sanitisation – Blancco certified.
- Remarketing (and value return).
- WEEE recycling of BER assets.
- Zero to landfill.

Data Centre Services

Critical Maintenance & Facilities Management Protecting what matters most: uptime, resilience, and peace of mind.

At Datalec, we specialise in keeping mission-critical data centre environments running at their best, every hour of every day. Our focus is simple and unwavering: safeguard uptime, strengthen resilience, and ensure total compliance across your facility. With deep technical expertise and a hands-on approach, we deliver the maintenance and management needed to keep high-availability operations performing without compromise.

What We Do

We provide full end-to-end facilities management and maintenance services designed specifically for the demands of live, always-on environments.

Our core capabilities include:

- Mission-critical facilities management.
- Electrical systems maintenance (HV/LV, UPS, generators, PDUs, load testing).
- Mechanical & cooling systems maintenance (chillers, CRAC/CRAH, containment, HVAC).
- Planned preventive maintenance (PPM).
- 24/7 reactive and emergency response.
- Critical monitoring (BMS/DCIM).
- Testing, commissioning, and audits.
- Health, safety & compliance management.
- Energy and sustainability optimisation.
- Specialist technical staffing.
- Life Cycle & Reliability Management

How We Work

We apply a zero-downtime mindset, supported by OEM-aligned maintenance programmes, a risk-based engineering approach, and a strong commitment to meeting KPIs and SLAs. Clear reporting and governance ensure you always know the status of your facility and the steps taken to protect it.

Our People

Our teams are made up of highly trained mission-critical engineers and technicians, including shift-based operations staff, Authorised and Competent Persons (AP/CP), OEM-trained specialists, and dedicated onsite facilities management.

Why Clients Choose DPI

- 24/7 operational resilience.
- A safety-first culture.
- Proven data centre expertise.
- Compliance with global standards.
- A trusted partner for high-risk, high-availability environments.

Our Commitment

We stand behind every service with:

- A zero-downtime mentality.
- Round-the-clock resilience.
- OEM and industry-aligned best practice.
- Transparent reporting and governance.
- An unwavering focus on safety.

Technical & Critical Environments Cleaning Services

Datalec can provide a full range of specialist technical, maintenance and critical environment cleaning solutions for UK and European data centres, complying to ISO14644/8.

Our dedicated team of professionals are all trained in data centre technical cleaning.

Our tailored cleaning solutions are designed for the unique needs of data centre and critical environments.

Data Centre Support

Datalec can provide an extensive choice of support services ranging from decontamination and management throughout the entire data centre construction programme, controlled environment movement of sensitive hardware to audits (power and environmental).

Air Particle Testing

Certified in testing Airborne Molecular Contamination (AMC) to ISO 14644-8 standard, our operatives can test for, prevent and rectify airborne contamination, in its various forms, such as creep corrosion. As part of our service, we can provide air particulate testing, reporting and certification.

Data Centre Exterior Technical Cleaning

Our specialist exterior technical cleaning service includes deep cleaning of large back-up generators, high voltage areas, IPAF building fascias, chiller decks, plant rooms, fire exits and walkways.

Innovative Dust and Debris Minimisation

Datalec have a wealth of methods to help our clients keep dust away from their equipment and minimise dust build-up, including electrostatic-sensitive device (ESD) vacuum cleaners with static dissipating rods and HELPA filters to lint-free microfibre cloths.

Internal Rack and Server Cleaning

To minimise the risk and cost of IT equipment inefficiency and failure, it is imperative to regularly decontaminate and deep-clean inside server cabinets. Datalec can deliver this service either on-site or take the cabinets away to suit customer requirements.

White and Grey Space Technical Cleaning

Our specialist technical cleaning service includes inspection, reporting and cleaning protocol recommendations, dustmopping, spot-cleaning and static dissipating vacuum cleaning.

Equipment Sanitisation

Cleaning and sanitising all IT equipment and componentry equipment, such as air conditioning duct cleaning, ensures our customers protect their capital investment and fulfil their duty of care for employees.

Jet Wash Cleaning

Datalec can provide this specialist cleaning service applying the latest development in jet wash technology.

WEEE – Waste Disposals

Datalec support our customers comply with all EU WEEE Directives, ensuring the adherence to the sustainable removal, environmental-friendly recycling and recovery of all obsolete electrical and electronic equipment.

Office and Facilities Cleaning

Our services include the cleaning of PCs, printers, photocopiers, laptops, EPOS, other IT peripherals, as well as data room and computer/ communication rooms cleaning.

Specialised Cleaning Services

Capabilities

Emergency Response Team

- Swift and efficient response team for emergency cleaning needs.
- 24/7 availability to address urgent cleaning requirements and minimise potential disruptions.

Compliance and Documentation

- Adherence to industry standards and regulations for data centre cleanliness.
- Detailed documentation of cleaning processes and schedules for compliance reporting.

Client Collaboration and Communication

- Open communication channels for collaboration with clients to address specific cleaning requirements.
- Regular updates on cleaning progress and any identified issues during the cleaning process.

Environmental Considerations

- Implementation of eco-friendly cleaning practices to minimise environmental impact to work with our strong efforts of sustainability.
- Proper disposal of waste materials in accordance with environmental regulations.

Certified and Trained Staff

- Certified cleaning professionals with expertise in data centre environments.
- All staff are direct employees and are security checked for cleaning in data sensitive environments.

Customer Support

- Dedicated customer support team to address inquiries, provide assistance, and ensure client satisfaction.
- Proactive communication for any queries and prompt resolution of concerns.

Deliverables

- Complete range of cleaning and decontamination service.
- Surface cleans.
- Planned maintenance cleans.
- Deep / clinical cleans.
- Rack internal cleans.
- Component / equipment cleans.
- Testing services.
- Air particulate testing to ISO 14644-8 levels & certification.
- Zinc whisker testing and remedial plans.
- Creep corrosion.
- Service delivery reports.
- Infrastructure review and recommendation reports.

Pedigree

- 100% data centre and critical facility focus.
- In-depth knowledge of data centre environments.
- 1000s of cleans without customer impact or incidents.
- Quality assurance guarantee.

About Datalec

Datalec Precision Installations delivers global data centre solutions, specialising in M&E and connectivity design, bespoke manufacturing, modular solutions, installation and data centre services. With unmatched expertise, we offer consultancy, technical cleaning, electronic security, remote hands and migrations. By delivering advanced, future-ready data centres, we empower clients to embrace and lead the AI revolution through innovation and digital transformation.

Known for our quality, flexibility and reliability Datalec constantly seeks how to better meet and exceed client expectations.

The company holds various industry certifications and accreditations. Through careful recruitment and rigorous training Datalec's critical industry qualifications and partner programs are well maintained.

Proven delivery of high standard projects

Originally established with a strong focus on electrical, mechanical, public health, and construction works associated with data hall fit-outs, DPI remains fully committed to this core expertise. Over time, the business has strategically expanded its in-house capabilities to meet evolving client needs, ensuring we can provide comprehensive, end-to-end support across every stage of their projects.

Service offering includes:

Critical Infrastructure

- Connectivity
- Mechanical & Electrical
- Electronic Security
- CSA
- High-density & AI Solutions
- Lifecycle
- Modular Infrastructure
- New/Refurb

Bespoke Manufacturing

- Modular & AI Solutions
- Caging Solutions
- Aisle Containment
- Hyperion Structural Ceiling
- Powder Coating
- Accessories
- Research & Development

Consultancy Services

- Project Management
- Client-side Technical PM
- Technical Contract Administration
- Construction Management and Monitoring
- Strategic Project Advisory
- Risk Management & Mitigation

Technology & Data Centre Services

Data Centre Services

- Critical Infrastructure Maintenance
- Facilities Management
- Technical Cleaning
- Soft Services

Technology Services

- Active Hardware Engineering
- Technical Resource
- Remote Hands Service
- Migrations
- Data Destruction

Our commitment to quality and innovation

Self-delivery is Datalec's commitment to providing the quality, consistency, and common exacting standards in workmanship that clients deserve and demand.

FROM THE GROUND UP

AND EVERYTHING IN BETWEEN

داتاليك
للتركيبات الدقيقة

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