DATALEC
PRECISION INSTALLATIONS

Lifecycle Data Centre Solutions.

Upgrade. Extend. Future-Proof.

datalec.ae

Delivering critical system upgrades to active data centre, safely, efficiently, and without interruption.

Dedicated exclusively to data centre environments, we and our specialists understand the complexities, ensuring every project is delivered safely.

Introduction to DPI

Datalec Precision Installations (DPI) delivers global data centre solutions, specialising in the strategic planning and execution of capital plant lifecycle replacement programmes.

Our focussed approach allows operators to modernise infrastructure in mission-critical environments, sustaining availability, safety, and compliance throughout.

Through controlled, phased upgrades, DPI improves resilience, efficiency, and long-term performance in hyperscale, colocation, enterprise, and edge data centres without disrupting operations.

Renowned for quality, flexibility, and reliability, our teams operate to the highest industry standards, supported by robust training, certifications, and partner accreditations.

SafeContractor APPROVED

nqa ISO 9001 QUALITY MANAGEMENT

nqa ISO 14001 ENVIRONMENTAL MANAGEMENT

nqa ISO 27001 INFORMATION SECURITY MANAGEMENT

nqa ISO 45001 HEALTH & SAFETY MANAGEMENT

The Challenge

Today's legacy data centres face increasing pressure:

- An ageing plant reaching the end of its life
- Rising demand for capacity and resilience
- Increasing energy concerns and sustainability expectations
- Rapid evolution of high-density and AI workloads.
- Full replacement can be costly, disruptive and often impractical.

The challenge is clear:

How do you upgrade critical infrastructure without impacting live operations?

The Solution:

Lifecycle Upgrades:

DPI specialises in capital plant lifecycle replacements within live data centres.

Our approach enables you to:

- Extend the life of the existing facility
- Upgrade critical infrastructure
- Improve performance, efficiency and resilience.
- Future-proof facilities for evolving demands.
- Focus on expenditure within CAPEX limitations

All while ensuring seamless operations by taking a proactive approach, planning ahead and replacing critical infrastructure before failures can impact performance.

What We Deliver

1: Life Cycle Strategy & Investment Planning

We provide data-driven insight to inform confident investment decisions:

- Asset condition and remaining life assessments for the critical plant
- Capital replacement roadmaps aligned to uptime, resilience, and growth
- Whole-life cost modelling across CapEx, OpEx, and energy performance
- Risk-based prioritisation aligned to SLA commitments.

2: Infrastructure & Plant Replacement

We deliver end-to-end replacement of critical systems across power, cooling, and controls.

- Power: HV/LV systems, UPS, batteries, generators, switchgear
- Cooling: Chillers, CRAH/CRAC, cooling towers, free cooling, liquid cooling
- Mechanical and electrical system infrastructure upgrades
- Connectivity and electronic security updates
- Controls integration, including BMS, EPMS, and DCIM.

3: Integrated Critical Environments

We ensure cohesion between white space and system infrastructure, creating integrated, resilient environments that optimise performance across any facility.

4: Live Environment Delivery

Delivering logistically challenging upgrades to operational data centres is one of DPI's core capabilities, preserving resilience and continuous operation while safeguarding critical loads throughout delivery.

Execution is driven by rigorous control, governance, and engineering discipline:

- Multi-year capital programme delivery within operational environments
- Integrated management of downtime, maintenance windows, and system dependencies
- Stringent governance, assurance, and change control to minimise risk and protect continuity.

5: Operational Continuity & Resilience

Upgrades are delivered with zero compromise to live operations.

- Phased sequencing to protect critical loads
- Maintenance of redundancy and fault tolerance throughout
- Temporary power and cooling solutions (where required).
- Commissioning, Integrated Systems Testing (IST), and structured handover.
- Managing clean room status in critical spaces throughout the works

6: Integrated Critical Environments

Alignment across white space and supporting infrastructure ensures fully coordinated, high-performance environments with optimised resilience and efficiency.

7: Supply Chain & Commercial Management

We provide strong delivery control from procurement through to execution.

- OEM plant procurement and packaging strategies
- Long-lead item management and supply chain risk mitigation
- Commercial control, cost forecasting, and value management.

The DPI Difference

Every programme is built around robust risk management and engineering-informed decision-making, ensuring infrastructure upgrades are completed without disrupting operations or compromising performance.

Mission Critical Focus

We have proven expertise in operating in active data centre environments where uptime is non-negotiable.

Availability-Led Delivery

Every programme is designed around resilience, redundancy, and operational continuity.

Engineering-Led Approach

Our broad technical expertise in critical power and cooling systems ensures sound decision-making.

Risk & Assurance Driven

Robust governance, change control, and risk management protect service continuity and client reputation.

Whole Life Value

We optimise not just capital cost, but long-term reliability, efficiency, and future flexibility.

Mitigating high-risk projects with zero compromise.

Project Experience

Capital Plant Replacement Programme

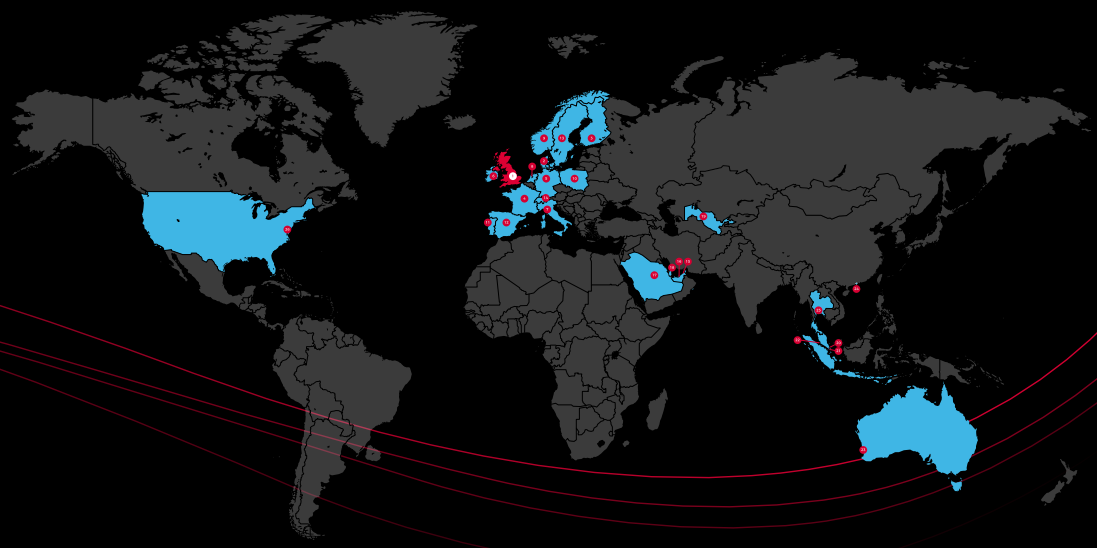
- Multi-year upgrade of critical power and cooling infrastructure within a live data centre
- Maintained full operational availability throughout

UPS & Resilience Upgrade

- Replacement of legacy UPS and battery systems
- Improved redundancy and reduced risk of failure

Cooling System Renewal

- End-of-life HVAC plant replaced with high-efficiency systems
- Delivered improved performance and reduced energy consumption



1 Parent Company – United Kingdom

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
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

Future-Focused

As a trusted lifecycle partner, DPI works alongside customers on their journey from legacy data centre environments to the new era of AI-ready infrastructure. Our strategic programmes help organisations modernise, optimise and future-proof their facilities, supporting:

- AI and high-density computing
- System modernisation aligned with best practice and advancements
- Capacity expansion and scalability
- Improved energy efficiency and sustainability
- Long-term operational resilience.

We don't just replace infrastructure; we prepare it for what's next.

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.

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+971 (0) 2 414 6706

datalec.ae

info@datalec.ae

Datalec L.L.C.
Plot No. TP010219
National Industries Park
Jebel Ali Techno Park
Dubai
UAE
PO Box 86100