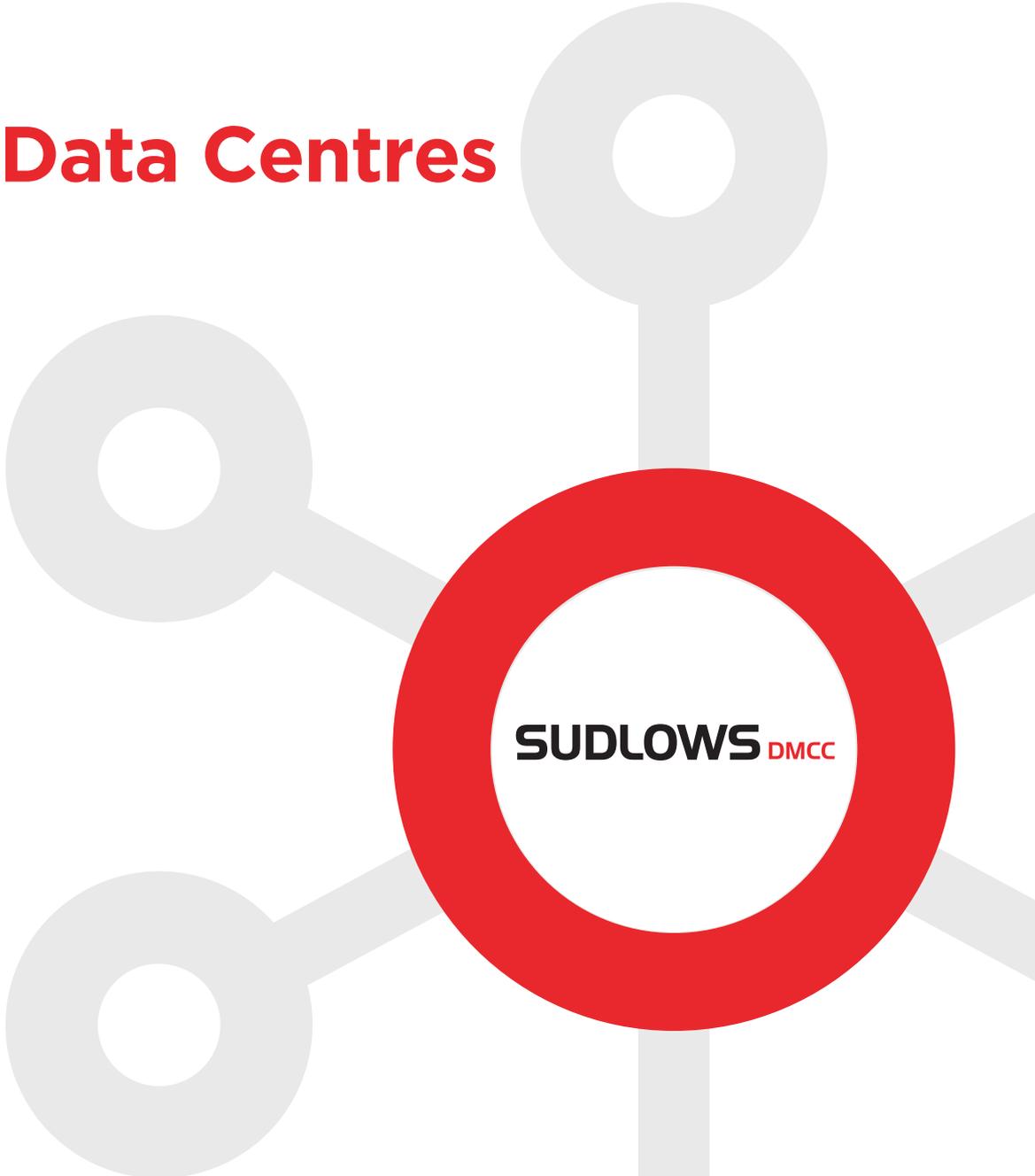


Design | Consultancy | Audit | CFD | 3D Modelling | Energy Efficiency

Global Data Centres



SUDLOWS DMCC

The Sudlows Story

Building on 100 years of innovation, knowledge and talent, Sudlows has become a long established data centre specialist, leading the way for expertise in design and consultancy associated with business critical IT environments.

We are a high growth company with big ideas and a strong reputation, cultivated through substantial commercial expansion and business acquisition over the past 10 years.

Originally established as an electrical engineering firm, we have moved through a number of technical advances responsive of the wider technology and environmental landscape.

We now work with many prestigious international clients throughout the Middle East and Asia Pacific territories.

Our established clients cross over a number of market segments from global financial institutions and government bodies to technology leaders and educational institutions.

Call us today on **+971 (0) 4 429 5808** or visit **sudlows.ae**

Your Data Centre Road Map

Sudlows consultants are certified and adhere to international industry standards to provide the full scope of professional data centre services including; Auditing, Consultancy, Design and Energy Efficiency.

Our vision is to tackle modern data centre issues in sustainability, energy efficiency and performance. As **Uptime Institute Accredited Tier Designers** we are highly qualified to report, recommend and resolve critical issues within the current environments and create highly resilient and redundant data centre infrastructures.

In collaboration with you, we can enhance your operational performance, minimise data centre downtime and ensure that the funding invested in Tier III or IV functionality is truly realised.





Data Centre and Energy Audits

At the initial research and development phases of a project we will make a critical assessment of your current facility condition and operating performance, as well as make independent recommendations and give expert advice.

This covers areas such as:

- Testing & Commissioning
- Energy Usage & Efficiency Assessment (PUE & DCIE)
- Feasibility Studies
- Budgeting
- Design Review
- Site Inspection

Technical Consultancy

- Site Selection, Real Estate Evaluation & Planning
- Data Centre Strategy
- 3D Computer Aided Design
- Thermography (Thermal Imaging)
- Computational Fluid Dynamics
- Power & Cooling Analysis
- Capacity Planning
- Risk Assessment
- Business Continuity & Disaster Recovery

Uptime
Institute™



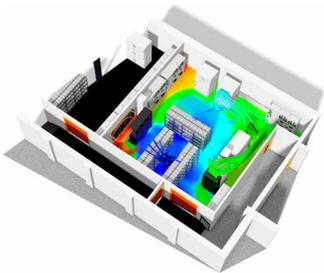
CFD (Computational Fluid Dynamics)

By modelling the underlying physics of the data centre, CFD provides data centre operators with a thermal description of their facility at any running condition, providing the necessary depth of technical understanding upon which to base mission critical decisions.

For the data centre operator, CFD produces efficiency predictions for facilities yet to be built and provides scientific validation for cooling architecture designs. When absorbed into the data centre design phase, CFD drives design, unlocking the most efficient data centre cooling designs possible.

Our professional services include:

- CFD Cooling Audit
- Design Validation
- Managed Services
- Design Optimisation





Management Approach

Our highly trained data centre consultants come from a strong engineering background, with individually recognised qualifications including; Uptime Institute Accredited Tier Designers, Incorporated Engineers (IET) and Certified Data Centre Design Professionals (CDCDP), BICSI, RCDD Designers and PRINCE2 project management professionals with extensive knowledge of international standards in best practice and design principles.

Our collaborative management approach, understanding of objectives and in-depth knowledge of the whole design and build process means that consultants can critically assess operational suitability and create both compliant and alternative specifications.





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