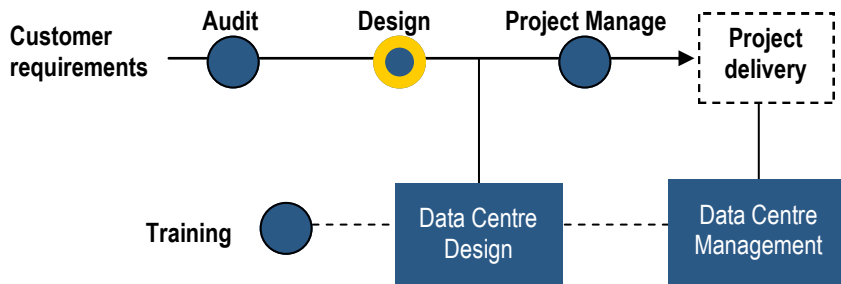


CAPITOLINE

DATA CENTRES AND IT INFRASTRUCTURE



Using the practical experience derived by Capitoline from auditing and designing computer rooms and data centres we can offer an in-depth data centre design service that covers all the major requirements for correct sizing, resilience and project delivery.

Every two weeks, somewhere in the world, a major data centre suffers a major breakdown and loss of availability with an average downtime of 17 hours. In nearly every case these breakdowns are avoidable with better design and procedures in place. Our design experience covers large and small data centres both in the private and public sector in the UK and the Middle East.

We do not sell product or installation services so our advice is 100% independent. Our designs are based on open standards and best practice and include the requirements of

- TIA 942
- EU Code of Conduct on data centres
- Payment Card Industry security requirements
- BICSI 002
- The UpTime Institute
- ASHRAE
- EU Disability Discrimination Directive
- EN 50173
- EN 50174
- ISO 27000

We can lower your costs by deriving the optimal design that all subcontractors can bid against thus making your selection process easy and transparent. We oversee the installation and then audit and sign off the final project on your behalf.

Data Centre Design services

An independent design service for data centres and computer rooms to

- Analyse your space requirements according to your IT function
- Analyse your design resilience requirements according to your business needs
- Prepare high level design ready for tender
- Prequalify suitable suppliers
- Help pick the right suppliers and system integrators
- Oversee the installation and act as client's technical representative
- Audit and sign-off final installation

ACHIEVE

Independent design

Easy comparison of submitted costs

Meet all legislation

Low energy—low carbon designs

Confidence in correct design and project delivery

CAPITOLINE

DATA CENTRES AND IT INFRASTRUCTURE

+44 (0)800 014 8014

info@capitoline.co.uk

Every design project includes the following comprehensive service

- Building sizing relative to your IT needs and expansion plans
- Resilience model e.g. Tier 1-4, N+1 etc according to your business needs
- Dimensioned computer room floor plan showing locations of all racks and major items of equipment
- High level design covering
 - Power supply
 - Air conditioning
 - Building layout
 - Data cabling and containment
 - IT grade earthing
 - Fire detection and suppression
 - Building Management System, BMS
 - Security, access control and CCTV
- Standards-based technical quotation package
- Identification and prequalification of suppliers
- Ongoing project oversight to ensure compliance
- Final audit and sign-off on client's behalf



Is this the right service for you?
Ask for our customer list and example designs

We specialise in public sector procurement

We are qualified as

Chartered Electrical engineers

Chartered Building Services Engineers

BICSI RCDD

CIBSE Low Carbon Consultants

AMS-IX official auditor

TUI Tier Designers (UpTime Institute)



We specialise in low energy and low capital cost designs such as air economiser systems



We can redevelop your existing computer room to bring it up to the latest standards

We can advise you on disaster recovery and business continuity issues



AMS-IX official auditor

We could help lower your energy bills

CIBSE LOW

CARBONCONSULTANTS



DESIGN : AUDIT : TRAINING

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