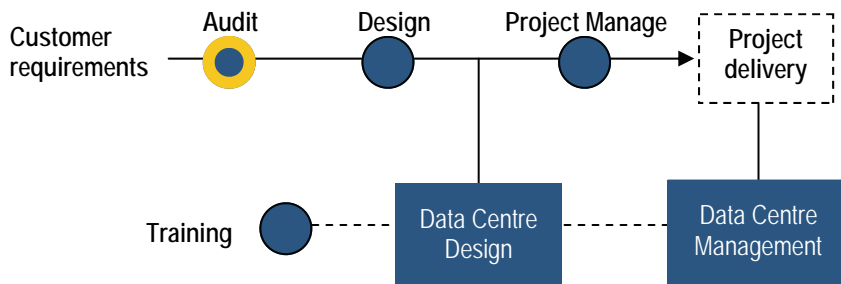


# CAPITOLINE

DATA CENTRES AND IT INFRASTRUCTURE



## Data Centre Audit — Business Continuity

An in-depth audit of computer rooms and data centres for compliance with the AMS-IX, ISO 27001 and PCI-DSS standards

- Compliance by on-site audit
- Compliance by approval of policies and procedures

Using the practical experience derived by Capitoline from auditing and designing computer rooms and data centres around the world we can offer an in-depth audit that covers all the major requirements for correct operation, best practice and improvement programmes.

Every two weeks, somewhere in the world, a 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 audit experience covers large and small data centres both in the private and public sector in Europe, Africa and the Middle East.

By our status as AMS-IX approved data centre auditors and chartered (professional) engineers from the Institute of Engineering Technology (IET) and the Chartered Institute of Building Services Engineers (CIBSE) we are able to certify installations and designs to the AMS-IX data centre business continuity standard and the physical security and operational policies and procedures of ISO 27001 and PCI DSS standards.



# CAPITOLINE

DATA CENTRES AND IT INFRASTRUCTURE

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This audit includes the following in a comprehensive written report and *site certification* that compares the observed installation or designs to the AMS-IX, ISO 27001 and PCI-DSS physical security and operational policies and procedures requirements

- Suitability of location and access
- Architectural issues including room and space allocation and room sizing
- Rack/equipment layout
- A power train analysis with power readings and calculations
- Air conditioning and ventilation report
- Data cabling and containment report
- Fire detection and suppression report
- Building Management System report
- Physical site security
- Business continuity issues
- On-site audits will also include temperature and humidity readings and comparisons to the ASHRAE recommendations
- A review of operational policies and procedures

The data centre audit programme from Capitoline includes

- TIA 942 compliance and certification
- UpTime Institute Tier compliance and certification\*
- Business Continuity audit to AMS-IX, ISO 27001 and PCI-DSS standards
- Health and safety at work compliance
- Energy audit to EU Code of Conduct requirements
- Any combination to suit your requirements

\*As TUI Accredited tier designers we can certify designs. On-site audits will be certified by Capitoline

? Is this the right audit for you?  
Ask for our customer list and example reports

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)



## DESIGN : AUDIT : TRAINING

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