

Data Centre Facilities

Before the racks arrive, check the dependencies.

A practical readiness checklist connecting IT load, racks, power, cooling, cabling and operational handover.



REQUIREMENTS THAT MATTER

Define capacity and responsibility first

Record the current and planned IT load, rack density, physical constraints and maintenance windows. Agree responsibility across IT, facilities and specialist suppliers.

Capacity baseline

Equipment schedule, rack elevations, growth assumptions and resilience objectives.

Delivery boundaries

Document who designs, supplies, installs, tests and accepts each interface.

REQUIREMENTS THAT MATTER

Trace the power path to the IT load

Review the agreed power architecture, UPS capacity, distribution and rack PDUs. Identify shared dependencies before describing any path as redundant.

Evidence to request

Load schedule, labelled circuits, monitoring points and agreed test records.

Safe commissioning

Qualified specialists execute isolation and transfer tests under an approved procedure.

REQUIREMENTS THAT MATTER

Treat cooling and cabling as a system

Review airflow and cooling against rack density and room constraints. Coordinate containment, blanking, cable routes, fibre links and access for maintenance.

Physical readiness

Rack layout, clearances, pathways, access and agreed environmental monitoring.

Performance evidence

Record environmental conditions under the agreed test load and cabling test results.

REQUIREMENTS THAT MATTER

Prove readiness before handover

Combine subsystem results into an agreed commissioning plan. Verify monitoring and escalation, then hand over an operating pack that the customer can actually use.

Acceptance pack

Asset register, as-built documents, test results, backups and maintenance information.

Scope-based assurance

Availability targets and acceptance criteria must be specified; no tier certification is implied.

FROM REVIEW TO PROJECT SCOPE

Discuss your data centre readiness

Bring the equipment list, expected rack density, current room information, growth plan and permitted change windows.

DISCUSS YOUR REQUIREMENTS

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Planning guidance. Detailed engineering, specialist responsibilities and acceptance requirements are defined for the agreed project scope.