



AI DATA CENTER

EXPANSION READINESS WORKSHEET

01 / Record existing capacity and identify the physical constraints.

PROJECT / LOCATION

ASSESSMENT DATE

ASSESSOR

1

PHYSICAL INFRASTRUCTURE ASSESSMENT

ASSESSMENT AREA

CURRENT CONDITION / CAPACITY

GAP / REQUIRED ACTION

Rack space & access

Equipment clearance; service access

Fiber capacity

Available strands; terminations

Cable pathways

Route capacity; accessibility

Connection density

Ports; patching; cable management

Physical resilience

Diverse routes; shared failure points

Testing & records

Certification; labels; diagrams

DECISION RULE

Compare projected connections with usable capacity before buying equipment.



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EXPANSION READINESS WORKSHEET

02 / Record the expansion decision, owners, and next actions.

2 PRE-EXPANSION DECISION

Choose one status after comparing expected demand with rack, fiber and pathway capacity.

☐ READY TO EXPAND

☐ UPGRADES REQUIRED

☐ FURTHER REVIEW

Decision rationale / blockers

3 PRIORITIZED ACTION PLAN

REQUIRED UPGRADE / VALIDATION	OWNER	DUE DATE
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4 GROWTH & APPROVAL

Expected new processing nodes / racks (next 1-3 years)

Approved by / date

NEXT STEP Validate gaps, costs and dependencies before scheduling the expansion.