Data center partner requirements

What 1Legion asks of a facility before placing a GPU cluster in it

This is the public summary of the requirements a facility meets before 1Legion places a cluster in it. Data center owners and operators who want to host 1Legion clusters can use it to check their site. The full document and our evaluation process are shared with partners in conversation.

Power

- A contractual maximum kW per rack. It is the key number in every facility agreement.
- Dual A and B power paths to every rack.
- Concurrent maintainability on power and cooling.
- Generator and UPS autonomy.

Cooling

- Air cooling for HGX B300 today.
- A path to direct-to-chip liquid cooling for GB300 NVL72 and later platforms.

Evidence, not claims

- Tier III design documentation, and any Uptime Institute certification stated precisely.
- TIA-942 and EN 50600 where held.
- SOC 2 and ISO 27001 with reference numbers.
- All evidence releasable to 1Legion under NDA.

Space, staffing and response

- Contiguous space in a private cage or a dedicated hall.
- 24/7 on-site staffing in place before go-live.
- Remote hands within 30 minutes.
- Facility incident notice within 15 minutes, then hourly updates.
- 14 days of notice before risky maintenance.

Connectivity

- At least two independent carriers with 100 Gb/s circuits on physically diverse paths.
- BGP support, DDoS options and IPv6.
- An out-of-band network.

Facility telemetry

- Power per rack and per feed, cooling and thermal data, and leak detection.
- 12 months of alarm history.

Commercial terms

- Terms of 4 to 5 years, aligned to the customer contract.
- A ramp that follows contract execution and hardware delivery.
- Expansion rights and a right of first refusal on adjacent space.

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