SERVICE SPECIFICATION / DATA CENTER

Data-center migrations and decommissioning

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Services map to racks, ports, power, and owners; then cutover, validation, rollback, equipment release, media handling, removal, and final record updates run in sequence.

Intended outcome

A time-stamped cutover and acceptance record, matched assets and ports, and documented disposition for every released item.

Service scope

A migration plan connects logical services to physical ports, cables, power feeds, racks and owners. The sequence should include prerequisites, freeze points, acceptance tests, rollback criteria and escalation roles.

Decommissioning is not bulk removal. Equipment and media require positive identification, authorization and disposition. Data sanitization method and evidence are selected by the asset owner’s information policy and current guidance.

How the system fits together

01 Source state	Services, assets, links and data before the change
02 Migration wave	Sequenced dependency group with owners and timing
03 Target state	Expected ports, services and acceptance observations
04 Disposition path	Reuse, return, sanitize, recycle or authorized destruction

Typical project triggers

- A site, room, cage or platform is closing
- Equipment must move during a limited outage
- Assets and cables cannot be matched to current services
- Retired media needs controlled sanitization or destruction

Delivery and acceptance

The final project scope identifies quantities, locations, dependencies, and the evidence required at each delivery stage.

01 Discover dependencies

Map services to assets, ports, links, power, owners, vendors and change restrictions.

Acceptance evidence: Dependency matrix, asset/port inventory and unknowns log

02 Plan waves and rollback

Group changes, define prerequisites, acceptance tests, stop criteria and recovery paths.

Acceptance evidence: Runbook, responsibility chart and approved rollback criteria

03 Execute and validate

Perform each authorized wave, observe services and record deviations before proceeding.

Acceptance evidence: Time-stamped change log and service acceptance results

04 Decommission and reconcile

Remove only released assets, control media disposition and restore the space.

Acceptance evidence: Disposition/chain record, sanitization evidence and final inventory

Handover deliverables

- Migration/decommission runbook
- Asset, port and cable reconciliation
- Time-stamped change and acceptance log
- Exception and rollback record
- Disposition, sanitization and space-restoration evidence

Closeout: GHT and the customer review the agreed evidence, record unresolved exceptions and owners, and confirm acceptance against the signed project scope.

Planning and scope boundaries

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Customer and site inputs

- Service, application and physical dependency map
- Asset, serial, rack, port and ownership inventory
- Target-state capacity and configuration readiness
- Change window, acceptance and rollback thresholds
- Data classification and disposition policy

Constraints and coordination

- Unknown shared dependencies
- Vendor, carrier and facility change approvals
- Live-service and rollback timing
- Data handling, chain of custody and authorized disposal

Commercial scope and responsibilities

This specification describes the service framework. The signed statement of work defines included equipment, quantities, software licenses, integrations, access windows, schedule, pricing, warranty, and support coverage. Additional construction, electrical work, recurring subscriptions, and ongoing support require an explicit line item.

The customer appoints an acceptance owner and provides authorized access, required site information, and decisions. GHT records assumptions, coordinates assigned work, and submits changes for agreement before expanding the scope.

Technical references

Telecommunications Industry Association — TIA-942: Telecommunications Infrastructure Standard for Data Centers | Source review: 2026-08-20

BICSI — BICSI Library of ICT Manuals and Standards | Source review: 2026-08-20

National Institute of Standards and Technology — SP 800-88 Rev. 2: Guidelines for Media Sanitization | Source review: 2026-08-20

ASHRAE — Data Center Resources | Source review: 2026-08-20

Service guide and project discussion | Source review: 2026-09-06