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TEST PLAN AND ACCEPTANCE RECORD

Test plan for SDD-IMP-001 against the requirements and failure conditions of SRA-IMP-001

Test document — plan complete; results are recorded at acceptance

CAPABILITY	DOCUMENT	VERSION	DATE
Implementation Services	STP-IMP-001	1.1	Oct 10, 2026

WRITTEN BY

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Document control

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Classification	Public	Supersedes	1.0, Sep 27, 2026
Capability	Implementation Services	Author	Steve Phillips
Role	Principal Data Center Architect		
Tests	SRA-IMP-001 R1–R16 and F1–F7 SDD-IMP-001 cutover steps 1–6		
Credentials	CCSP, CCIE, AWS Certified Security – Specialty		
Approval	Approved by Edwin Ozer, Founder, Oct 10, 2026. Issued by Symbeeo, Oct 10, 2026.		
Sign-off	"The customer's named acceptor signs the results; the practice lead countersigns. Acceptance = every T-case marked pass or waived with a reason."		

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> CONVENTIONS
>
> This plan tests the implementation, not the platform: STP-DC-001 tests what is installed, this tests how it was installed. Test methods follow the standards cited in SRA-IMP-001 — ISO/IEC 14763-3:2024 for fiber links, IEC 61300-3-35 ed. 3 for endfaces, NIST SP 800-88r2 for sanitization [S]. Results are recorded at acceptance. A row with more than one tag is counted once: as a published figure if any tag is [S] or [S*], otherwise as an assumption if any tag is [A], otherwise as a design target.

Table 1. Revision history

Date	Version	Change
Sep 27, 2026	1.0	First issue.
Oct 10, 2026	1.1	Approval line now reads: approved by the Founder, issued by Symbeeo. Steve Phillips remains the author.

1 · Scope, environment, entry and exit

Scope. Survey, receipt, staging, rack-and-stack, cabling, provisioning, cutover, migration, decommissioning, handover. **Environment.** Site B first (SDD-IMP-001 phase 2), site A after the old hosts are retired (phase 4); T1–T11 and T17–T19 run at each site before any production cutover; T12 and T14 run per window; T13 once, on the pilot; T15–T16 once. **Entry.** SDD-IMP-001 signed; P1–P9 closed; test instruments within calibration. **Exit.** Every T-case pass or waived; handover pack accepted by the client's operations team.

Evidence rules. Every result links to a file the client keeps: a tester export, a microscope image, a log, a signed form. A result written from memory is recorded as not run. A waiver names the requirement, the reason, who accepted the risk and the date. A failed case is rerun after the fix and both runs are kept; the record shows the failure, not only the pass. Instrument serials and calibration dates go in §3 before the first case is run.

2 · Test cases

Table 2. Test cases

ID	Tests	Method	Pass criterion	Evidence it produces	Result	Evidence filed	Date · initials
T1	R1, R2 site survey	inspect the survey report per room against the R1 list; compare its date with the delivery date	every R1 item measured and signed by client facilities; age ≤ 60 days at delivery	signed survey report per room, with its date	☐ pass ☐ fail		
T2	R3 cabinet width	measure every distribution-area cabinet	every one ≥ 800 mm	measurement record per cabinet with photo	☐ pass ☐ fail		
T3	R4 receipt integrity; F1	check every unit by serial against the order; verify the platform certificate where issued; present one unit whose recorded inventory has been altered	100 % match; the altered unit is flagged and quarantined, not installed	per-device quality record (serial, component inventory, certificate check result); quarantine record for the altered unit	☐ pass ☐ fail		

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ID	Tests	Method	Pass criterion	Evidence it produces	Result	Evidence filed	Date · initials
T4	R5 burn-in; F2	read each unit's diagnostics and 72 h load log	zero uncorrected memory, storage or PCIe errors on every unit shipped; any failing unit held with a replacement record	per-device quality record: diagnostics output and 72 h load log per serial	☐ pass ☐ fail		
T5	R6 firmware baseline	inventory firmware, BIOS and BMC versions over Redfish on every unit	every unit at the SDD-DC-001 baseline (P4)	per-device quality record: Redfish firmware, BIOS and BMC inventory export per serial	☐ pass ☐ fail		
T6	R7 management plane first	before in-band configuration: reach every BMC and switch management port over OOB; attempt a factory-default login; read the certificate issuer	100 % reachable; every default login refused; every certificate from the client CA	OOB reachability log; log extract of the refused default logins; certificate issuer output per device	☐ pass ☐ fail		
T7	R9 labels and records	audit a random 10 % of cables, ports and panels against the source of truth	zero mismatches	audit sheet with photo per sampled item	☐ pass ☐ fail		
T8	R10 fiber endface	inspect every connector with a microscope meeting IEC 61300-3-35 ed. 3; save the image or report	every endface passes zones A and B before first mating	microscope image or report per connector	☐ pass ☐ fail		
T9	R11 fiber link test; F4	test every link for loss, length and polarity per ISO/IEC 14763-3:2024; include one reference cord known to fail	every installed link within the design's link budget, correct polarity; the known-bad cord reported as fail and not placed in service	tester export per link, including the known-bad cord	☐ pass ☐ fail		
T10	R8 configuration source; F7	run the drift check across all devices; then make one manual change on one staging device and run it again	first run zero drift; second run reports the changed device and line	drift-check output of both runs	☐ pass ☐ fail		
T11	F3 room readiness	on delivery day, measure power per feed and inlet temperature at the rack positions; compare with the survey	within 10 % of the survey figures [A], or delivery held with a record	measurement record against the survey figures, or the hold record	☐ pass ☐ fail		
T12	R12 window control; F5	inspect each window's go/no-go form; in a dry-run go/no-go held before the pilot, leave one go criterion unmet on purpose	every form approved before the window with a trigger time and decision-maker; the dry run returns no-go and no change is made	signed go/no-go form per window; dry-run record	☐ pass ☐ fail		
T13	R13 rollback rehearsal	execute the pilot group's rollback end to end (SDD-IMP-001 step 2)	pilot group running on its source hosts, owner's check passed	rollback log with timestamps; owner's signed check	☐ pass ☐ fail		

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ID	Tests	Method	Pass criterion	Evidence it produces	Result	Evidence filed	Date · initials
T14	R14 outage per group; F6	time each group from first service stop to owner's sign-off; in the pilot, fail the owner's check on purpose	every group ≤ 6 h [A]; the failed pilot rolled back before 04:00	log extract of service-stop and sign-off times per group; pilot rollback log	☐ pass ☐ fail		
T15	R15 media sanitization	reconcile the sanitization record with the retired-host serial list; read back a sample drive per method with a forensic tool	one record per serial, method per IEEE 2883; no recoverable user data on the sample; non-return record per serial where used	sanitization certificate per serial; forensic read-back report on the sample	☐ pass ☐ fail		
T16	R16 handover pack	check the pack against the R16 list; export the source of truth and compare with a 10 % physical audit	delivered ≤ 10 working days after the last cutover; zero mismatches; client operations signs receipt	handover-pack checklist signed by client operations; audit sheet	☐ pass ☐ fail		
T17	SRA-IMP-001 §4.4 A/B power; failover	per rack, under burn-in load, switch off the A feed, restore, then switch off the B feed	every unit stays powered on either feed; zero unplanned restarts	failover timing: BMC power-event log per unit; PDU load reading per feed	☐ pass ☐ fail		
T18	R7; SRA-DC-001 R12 encryption in transit and at rest	from the OOB network, scan every BMC and switch management address for plaintext services (HTTP, Telnet, SNMP v1/v2c) and read the protocol of each Redfish and SSH session; scan the configuration repository at its final tag for credentials	zero plaintext management services; every session TLS 1.2 or later, or SSH v2 [A]; zero credentials in the repository, all held in the client's vault (SDD-IMP-001 §4.5)	proof of encryption in transit: scan report per device; proof for credentials at rest: secret-scan report on the final tag; vault entry list (names only)	☐ pass ☐ fail		
T19	security logs to the client's collector	on every BMC and switch, make one failed login and one configuration change; search the client's collector for both	both events from every device present ≤ 15 min [A]; collector address as SDD-DC-001 and SDD-SEC-001 set it	proof that security logs reach the collector: collector search export per device	☐ pass ☐ fail		

3 · Validated components and versions (filled at test)

Every device and software component with its exact version, and every test tool with its version, serial and calibration date. Filled before the first case is run.

Table 3. Validated components and versions (filled at test)

Component	Product and model	Exact version	Serial or record
Source of truth			
Servers		BIOS: · BMC: · baseline reference (P4):	serial manifest:
Switches, ToR and OOB		operating system:	

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Component	Product and model	Exact version	Serial or record
Switch provisioning method (SZTP or controller)			
Hypervisor and platform			
Migration tool			
PDUs		firmware:	
Test tool: fiber test set		software:	serial · calibration date:
Test tool: endface microscope		software:	serial · calibration date:
Test tool: burn-in tool and duration			
Test tool: sanitization tool and method per media type			
Test tool: forensic read-back tool			
Test tool: management-plane port scanner			
Test tool: repository secret scanner			
Test tool: power and temperature meter			serial · calibration date:

4 · Acceptance record

Acceptance terms:

- **Acceptance is positive and signed** by the client's named acceptor below. It is never given by silence, by use of the system, or by the review window running out.
- **Review window:** the client has 10 business days from delivery of the results to sign or to name the cases it rejects. **Fix window:** Symbeeo has 10 business days to fix any failed or rejected case and deliver its rerun; the client then has one re-review. Both figures are defaults drawn from the 5–30 day range in public contracts [A] and are set per contract.
- **The warranty starts on the date of signed acceptance.**

Table 4. Acceptance record

	Name	Role	Signature	Date
Client acceptor				
Symbeeo test lead				
Symbeeo practice lead				

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Each vendor's tool shows you their option. We show you all of them against one requirement.

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Figures are as published by their sources on the dates given in this document; figures marked [A] are assumptions.

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