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TEST PLAN AND ACCEPTANCE RECORD

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

Test document — plan complete; results are recorded at acceptance

CAPABILITY	DOCUMENT	VERSION	DATE
Mobility	STP-MOB-001	1.1	Oct 10, 2026

WRITTEN BY

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What this document is. The proof half of the set. Every testable requirement row and every failure condition in SRA-MOB-001 has a test here, or a stated reason in the Tests line above, with a method, a pass criterion and an evidence item to capture. The results columns are filled at acceptance. When they are filled from a build, SRA-MOB-001 §7 gets its validation and the architecture becomes validated. Structure follows STP-NET-001.

Document control

Document	STP-MOB-001	Version	1.1
Issued	Oct 10, 2026	Status	Issued by Symbeeo
Classification	Public	Supersedes	1.0, Sep 27, 2026
Capability	Mobility	Author	Mark Winston
Role	Principal Network Architect		
Tests	SRA-MOB-001 R2–R14, R16–R19 and F1–F7, F9–F10 (R1 is an input; R15 is an operations measure, SRA-MOB-001 §8; F8 is tested by STP-SEC-001 T15–T16) SDD-MOB-001 cut-over steps 2 and 6 (T24–T25) encryption and log delivery (T26–T27)		
Credentials	CCIE, CISSP, CCSP, CCISO, CISM, Adopting Zero Trust (Forrester)		
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."		

Contents

1 · Scope, environment, entry and exit 3
2 · Test cases 3
3 · Validated components and versions (filled at test) 5
4 · Acceptance record 6

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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. Mark Winston remains the author.

1 · Scope, environment, entry and exit

Scope. Distribution-center Wi-Fi 7, the mobile SSID profile, yard private 5G, UEM enrollment and compliance, device certificates, revocation, rugged device acceptance, for the typical buyer of SDD-MOB-001. **Environment.** Staged at Symbeeo for T1 (certificates), T9, T10 and T14–T15; on site for the rest. Survey and drive-test tools calibrated within 12 months [A]. **Entry criteria.** SDD-MOB-001 signed; prerequisites P1–P8 closed; software baseline and device models recorded (§3). **Exit criteria.** Every T-case pass or waived with a written reason and the client's initials; evidence archive handed over.

Evidence captured for every case. Tool export, packet capture or console screenshot with timestamp; device name, model, serial and software version; tester's initials; and the item named in the case's Evidence produced column. The Result and Evidence ref columns stay empty until the case runs. **Failover tests** are T6 (WAN), T17 (AP), T19 (radio unit) and T20 (5G core), each timed; encryption is proved by T26 and log delivery to the client's collector by T27.

2 · Test cases

Table 2. Test cases

ID	Tests	Method	Pass criterion	Evidence produced	Result	Evidence ref	Date · initials
T1	R3 AP generation	read each AP model's Wi-Fi CERTIFIED 7 certificate; show radio status on one AP per model; export the status of every installed AP	certificate on file; 802.11be active on 2.4, 5 and 6 GHz	copy of each certificate; per-device quality record for every installed AP (name, serial, firmware, radio status)	☐ pass ☐ fail		
T2	R2 indoor coverage	post-install walk survey, racking loaded, device at 1.5 m	≥ −67 dBm and SNR ≥ 25 dB on 5 and 6 GHz in ≥ 95 % of aisles and docks	survey-tool export with heat maps and the ≥ 95 % calculation	☐ pass ☐ fail		
T3	R4 SSID security	over-the-air capture on corp; associate a Wi-Fi 7 handheld	WPA3-Enterprise AKM, PMF required, beacon protection present; MLO link set on 5 + 6 GHz	over-the-air capture extract; screenshot of the MLO link set	☐ pass ☐ fail		
T4	R19 RADIUS	capture controller-to-policy-engine traffic for 1 h; send one request without Message-Authenticator	100 % over TLS or carrying Message-Authenticator; the stripped request is rejected	packet-capture extract; policy-engine log of the rejection	☐ pass ☐ fail		
T5	R6 yard coverage	drive test on all vehicle routes and yard grid	RSRP ≥ −100 dBm and SINR ≥ 10 dB in ≥ 95 % of samples	drive-test export with sample counts	☐ pass ☐ fail		

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ID	Tests	Method	Pass criterion	Evidence produced	Result	Evidence ref	Date · initials
T6	R7, F5 WAN down	disconnect both WAN transports at branch 3; run yard transactions	yard applications serve devices for 4 h; no re-registration storm	failover timing: WAN-down and restore times; application transaction log for 4 h; core registration log	☐ pass ☐ fail		
T7	R9 roaming	voice call on a handheld walked across 10 AP boundaries	every handover interruption ≤ 50 ms	capture with per-handover interruption times	☐ pass ☐ fail		
T8	R8 spectrum	inspect authorization, SAS grants and AFC registrations against the radio inventory	one valid authorization per transmitter, dated before first emission	authorization and grant copies matched to the radio inventory by serial	☐ pass ☐ fail		
T9	R10 enrollment	factory-reset 10 devices from each corporate group; power on	100 % enroll into the right group with no console step	per-device quality record (serial, model, OS version, group, enrollment result) × 10 per group	☐ pass ☐ fail		
T10	R11 device credential	inspect issued certificates; attempt key export; search profiles for shared keys	attestation verified at issue; export fails; no shared key found	CA attestation record per certificate; log of the failed export; profile-search report	☐ pass ☐ fail		
T11	R12 sign-in	review 7 days of pilot sign-in logs; attempt a password-only sign-in	100 % phishing-resistant at AAL2+; password-only refused	sign-in log extract; screenshot of the refusal	☐ pass ☐ fail		
T12	R13 non-compliance	remove the screen lock on a pilot device of each platform	enterprise app access denied ≤ 15 min after the change	UEM and policy-engine log extracts with timestamps	☐ pass ☐ fail		
T13	R14 BYOD separation	enroll one personal device per platform; issue enterprise wipe	enterprise data gone; personal data intact; console shows no personal apps or data	console screenshots before and after the wipe; device screenshots of personal data intact	☐ pass ☐ fail		
T14	R16 durability	inspect maker's test report per rugged model	IP65 or better; repeated 1.8 m drops per MIL-STD-810H or IEC 60068-2-31	maker's test report per model; per-device quality record (serial, firmware, intake check result)	☐ pass ☐ fail		
T15	R17 update life	read maker's published security-update end date and cadence per model	end date ≥ 5 years from ship; cadence ≤ 90 days	maker's published update page per model, captured with date	☐ pass ☐ fail		
T16	R18, F10 lost device	report a pilot device lost through the service desk	wipe acknowledged and certificate revoked ≤ 15 min after the report	service-desk ticket, UEM wipe log and CA revocation log with timestamps	☐ pass ☐ fail		
T17	F1 one AP down	power off one AP during a voice call	call continues via a neighbor AP	failover timing: call log and AP association log	☐ pass ☐ fail		

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ID	Tests	Method	Pass criterion	Evidence produced	Result	Evidence ref	Date · initials
T18	F2 Wi-Fi management plane lost	block the APs' management path for 30 min	client traffic unaffected; APs rejoin on restore	controller log extract; client traffic counters before, during and after	☐ pass ☐ fail		
T19	F3 one radio unit down	power off one yard radio under vehicle traffic	devices reselect a neighbor cell; sessions resume ≤ 5 s [A]	failover timing: cell reselection and session-resume log	☐ pass ☐ fail		
T20	F4 core node down	power off one 5G core member	registered devices keep service; no manual action	failover timing: core log with registered-device count	☐ pass ☐ fail		
T21	F6 spectrum controller lost	block the site's path to its SAS or AFC system	radios follow the grant-lapse rule; devices move to Wi-Fi or low power; alarm raised	radio grant log extract; screenshot of the alarm	☐ pass ☐ fail		
T22	F7 UEM unreachable	block the UEM tenant for 1 h	devices keep last policy; access unchanged; enrollment queued, then completes	UEM log extract; enrollment-queue log	☐ pass ☐ fail		
T23	F9 CA unreachable	stop the CA connector; enroll one device	enrollment fails with an alarm; existing devices unaffected	CA connector log extract; screenshot of the alarm	☐ pass ☐ fail		
T24	cut-over step 2	unenroll one pilot device and return it to the old management	rollback ≤ 30 min, no data loss	UEM log with rollback timing	☐ pass ☐ fail		
T25	R5, cut-over step 6	close legacy; re-open it for one named group	legacy closed ≤ 90 days after cut-over (R5); close and re-open each ≤ 10 min	controller log with close and re-open timings	☐ pass ☐ fail		
T26	encryption in transit and at rest	in transit: T3 and T4 captures, plus a capture of one off-site per-app session and a read of the 5G core's ciphering settings; at rest: UEM compliance report for storage encryption; enroll one device with encryption off; read the storage settings of the 5G core and CA connector	per-app session over TLS; null ciphering not permitted on the 5G core [A]; 100 % of enrolled devices encrypted; the unencrypted device is marked non-compliant; core and connector stores encrypted	packet-capture extract; screenshots of core ciphering, store settings and the compliance report	☐ pass ☐ fail		
T27	security logs reach the client's collector	generate one UEM admin action, one failed EAP-TLS authentication, one certificate revocation and one 5G core admin sign-in; search the client's collector	all four events present with actor, device, time and result ≤ 5 min after the event [A]	screenshot of the collector search with timestamps	☐ pass ☐ fail		

3 · Validated components and versions (filled at test)

Every device, software component and test tool is recorded with its exact version at the time of test. Per-device serials for APs, radios and endpoints are in the quality records of T1, T9 and T14.

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

Device role	Model	Software and exact version	Serial	Validated in
Wi-Fi 7 AP, omni				T1–T3, T7, T17
Wi-Fi 7 AP, directional				T1, T2
5G radio unit				T5, T19, T21
5G core				T6, T20, T26, T27
UEM				T9, T12–T13, T16, T22, T26–T27
Rugged handheld				T3, T7, T14–T15
Vehicle tablet				T5, T6, T14–T15
Corporate phone, each platform				T9–T12, T16
BYOD phone, each platform				T13
AP access switch				T1, T17
GNSS receiver and PTP grandmaster				T5, T19
CA connector				T10, T23, T26
Wireless controller or cloud manager				T4, T18, T25, T27

Test tools [A]. Tool classes are fixed here; the product, exact version and calibration date are written in at test.

Table 4. Validated components and versions (filled at test)

Tool	Used for	Product	Exact version	Calibrated	Used in
Wi-Fi survey tool and adapter	walk survey				T2
Cellular drive-test scanner	RSRP and SINR samples				T5, T19
Wi-Fi over-the-air capture adapter and analyzer	AKM, PMF, beacon protection, MLO, roam timing				T3, T7
Packet capture	RADIUS, per-app session				T4, T26
Reference clock	timing of revocation, failover and roaming (NTP-synchronized)				T6, T7, T12, T16, T17, T19, T20

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 network or devices, or by the end of a review window.
- The client has a **review window of 10 business days [A]** from delivery of the results and evidence archive. Any case the client fails in that window enters a **fix window of 10 business days [A]**, followed by **one re-review** of the fixed

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cases.

- **The warranty starts on the date of signed acceptance.**

The 10 and 10 are defaults drawn from the 5–30-day range in public contracts [A]; they are set per contract.

Table 5. Acceptance record

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

Waivers and open defects are recorded at acceptance.

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SYMBEEO

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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