

GOVERNED TEMPLATE RENDERING REFERENCE: TRACEABILITY MATRIX DEFAULT V2 (DRAFT)

definition 67517d96...b2b5

TRACEABILITY MATRIX · PROJECT ARTIFACT

SPECIRA

Traceability Matrix: Dispatch Modernization

Meridian Field Services: instructional example, not project evidence

DRAFT · WATERMARK POLICY: DRAFT_ONLY

template traceability_matrix v2 · pack: specira_default_delivery

generated with exceptions · never hand-maintained

§1 Generation, Depth & Trust

mandatory

2 decisions

1 evidence rule

validators: generation_timestamp_and_query_basis_present · trace_depth_declared_and_cited · no_hand_authored_row_without_rationale

A hand-maintained matrix is dead within a sprint. This one is a query over links the workspace records already carry, frozen with a timestamp; the only authored rows are exceptions with rationale, and the matrix says when it can no longer be trusted.

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Query basis: statement↔story-row links, row↔case links, statement↔entity links, and the screen inventory's requirement map (one source of links, two views). Regenerates at milestones, on FRD change requests, and on audit demand.

DECISION · TRACE DEPTH: MID

Story and test maps run full, the level a union-audited pilot must defend (constraints^[2]). Entity map full: contested job ownership (data architecture^[3]). Screen map mirrored from the inventory. Agreed with E. Sandoval.

MANUAL EXCEPTION: ONE, WITH RATIONALE

FR-013 's certification-data quality is partially assured by the Meridian HR data-governance control outside Specira, asserted by N. Duval; indexed once in the rollup, restated nowhere.

§2 Requirement ↔ Story Map

mandatory

validator: every_map_bidirectional_zero_unexplained_orphans

Header: 13 of 13 statements covered or dispositioned · 0 orphan stories. Forward finds missing coverage; backward finds orphans; both ran.

Statement	Stories	Backward check
FR-010	US-1 · US-2	Every story resolves to ≥1 statement. SP-1 is a spike: knowledge outcome, flagged as such, not an orphan.
FR-011	US-1	
FR-012	US-3	
FR-013	US-1	
ERR-01 · 06 / ERR-02 · 03 / ERR-04	US-7 / US-8 / US-1	
ERR-05	deferred to the cutover slice; disposition cited (decision ^[6])	

§3 Requirement ↔ Entity Map

conditional · engaged: contested job ownership

validator: zero_coverage_rows_explicit_with_disposition

Header: every entity justified · 0 orphans · statements with no data touch: none (stated).

Statement group	Reads	Writes
FR-010 · FR-012	Job · Technician	Assignment
FR-011	Position	none
ERR catalog	same set	none

Backward: **ReasonCode** traces to FR-012's capture rule (enumerations^[4]); every entity justified.

§4 Requirement ↔ Screen Map

conditional · mirrored from the inventory

validator: req_screen_map_reconciles_with_inventory_map

Mirrored from the [screen inventory's bidirectional map](#)^[5]: one source of links, two views; totals reconcile (5 behavior groups ↔ 4 screens, no exploratory screens). Divergence between this map and the inventory's would be a generation defect: flagged, never edited.

§5 Requirement ↔ Test Map

mandatory

1 decision

1 evidence rule

validators: req_test_map_ids_resolve_both_ways · suspect_link_surfaced_when_endpoint_newer_than_generation

Header: 13 of 13 statements carry ≥1 case · pass state at generation: 12 green, 1 deferred (ERR-05, out of scope). The caveat, stated: coverage tells you what ran; traceability tells you what it means.

Statement / outline	Cases	State
AC-010	TC-301..303 · TC-306 · TC-307	green
AC-011	TC-301	green
AC-012	TC-311..314	green
FR-013	TC-304	green
ERR catalog	TC-305 · TC-321..323 · TC-331..332 (export ^[1])	green
ERR-05	none	deferred by decision · visible

BACKWARD + SUSPECT LEDGER

Every case resolves. The one orphan, [TC-341](#) (exploratory feed-jitter probe), is dispositioned: mapped to its pending FRD change request; it archives if the request dies. Suspect: [AC-012](#) 's note-length clarification (July 12) flagged its links until re-verification July 14 by K. Yamada; none suspect at this generation.

§6 Bidirectional Coverage Rollup

mandatory

validator: full_bidirectional_matches_component_map_totals

The chain per statement (requirement → story → row → case → last run) with the weakest link visible. A rollup disagreeing with its component maps is a generation defect.

Chain example	Story	Row	Case	Last run	Weakest link
FR-012	US-3	AT-1..4	TC-311..314	pass Sep 18 (<u>sign-off</u> ^[7])	none · fully green
ERR-05	none	none	none	none	stops at deferral by decision · visible, dispositioned, not hidden

Totals reconcile with all four maps. Exception register: the FR-013 HR-control assertion, once, with N. Duval's rationale.

§7 Open Questions

mandatory

1 decision

Question	Owner	Answer by	Blocks
Does the union audit require run-level trace (case → individual run ids) rather than last-run summaries?	N. Duval	Aug 22, 2026	The audit-export depth only; regeneration picks it up

Omission note, a low-stakes internal tool: "§3 and §4 collapsed into story-map notes: trace level internal, no regulated data, no audit obligation; cited in §1's depth decision. Recorded in adaptation event #1."

Refs References & Package Contents

In this export package

package

[1] Test cases export: the frozen register view this map cites ./test-cases-recommendations.docx

package

[2] Business Requirements Document: audit constraints ./brd-dispatch-modernization.docx

In the Specira workspace

specira

[3] Architecture: data chapter (contested job ownership) app.specira.ai/projects/dispatch-modernization/artifacts/architecture#data

specira	[4] Data model: entities and enumerations	app.specira.ai/projects/dispatch-modernization/artifacts/data-model
specira	[5] Screen inventory: the requirement↔screen source map	app.specira.ai/projects/dispatch-modernization/artifacts/screen-inventory
specira	[6] Decisions: cutover and slice plans (deferral dispositions)	app.specira.ai/projects/dispatch-modernization/decisions
specira	[7] Story set: rows, sign-off, run summaries	app.specira.ai/projects/dispatch-modernization/artifacts/user-stories

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SAMPLE
seeded demo data · specira.ai