

GOVERNED TEMPLATE RENDERING REFERENCE: DEPLOYMENT VERIFICATION DEFAULT V2 (DRAFT)

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DEPLOYMENT VERIFICATION · PROJECT ARTIFACT

SPECIRA

Deployment Verification: Dispatch Modernization

Meridian Field Services: instructional example, not project evidence

DRAFT · WATERMARK POLICY: DRAFT_ONLY

template deployment_verification v2 · pack: specira_default_delivery

numbers pull the trigger; the time-box ends the debate

§1 Scope & Gate Binding

mandatory

1 decision

1 evidence rule

validator: gates_cover_every_strategy_tier_no_orphans

Backs the test strategy's release gate ([CI gates^{\[1\]}](#)) across the declared tiers: dev, pilot (Toronto), production ([deployment view^{\[2\]}](#)). **Delivery model:** single-shot deploys with one feature-flag kill-switch (suggestions); no canary infrastructure at pilot scale, named below where it matters. Agreed with E. Sandoval.

§2 Smoke Checklist

mandatory

2 decisions

1 evidence rule

validators: smoke_rows_carry_all_six_fields · invocations_pasteable_as_written · synthetic_transaction_per_critical_flow

A health check answers "is it up"; the synthetic transaction answers "does it work". Every invocation is executable as written; a description of a command is not a command.

Check	How invoked	Exp
DV-1 API health	GET api/health	200 built mat dep
DV-2 synthetic assignment transaction	k6 run smoke/assignment_flow.js	Job → tl sug with acc rece exa assi eve cat wha mas
DV-3 auth smoke	GET api/assignments (no token)	401 data the gate 004 dup notl
DV-4 positions freshness	GET api/positions/staleness	Stal < 5%
DV-5 notification round-trip	k6 run smoke/notify_sandbox.js	Deliv and con rece the dev
DV-6 board visual sanity (cutover day only)	Dispatcher loads the board	Sug rene reas

Split, explicit: five of six automated; DV-6 manual with its reason. The critical flow (assignment) carries its synthetic transaction; edge cases live in regression, not smoke.

§3 Verification Gates per Tier

mandatory1 decision1 evidence rulevalidator: gates_reference_checklist_rows_by_id

Gates scale by blast radius; a preview and production are not the same ceremony. Rows referenced by id, restated nowhere.

Tier	Gate (checklist rows by id)	Promotion owner
dev	DV-1	feature team
pilot	DV-1..DV-5 + e2e critical path (gate table ^[1])	K. Yamada
production (cutover)	full set incl. DV-6	E. Sandoval

The tier set matches the strategy ladder exactly: no tier without a gate, no gate without a tier.

§4 Rollback Triggers

mandatory2 decisions1 evidence rule

validators: rollback_criteria_numeric_machine_checkable · one_owner_and_timebox_per_trigger · fix_forward_exception_classes_named_with_runbook_links

Numbers on leading signals, one owner who may pull without a meeting, and the time-box that ends the debate. Prose criteria are debates scheduled for the worst possible moment.

Trigger	Criterion (leading signal)	Owner	Time-box
RT-1	api_error_rate > 2% over 10 min	on-call engineering lead (no meeting)	30 min fix-in
RT-2	suggestion_latency_p95 > 2 s sustained 15 min	same	same
RT-3	assignment_write_failures > 0.5% over 5 min	same	immediate (no

FIX-FORWARD EXCEPTION CLASSES: NAMED, ROUTED

Schema migrations and anything touching the append-only assignment event log (irreversible writes): a blind rollback is riskier than the scoped fix; route to the runbook's forward-fix procedure ([operations runbook^{\[4\]}](#)). Everything else rolls back first and fixes calmly later.

KILL-SWITCH & CANARY HOOKS

The suggestions feature flag: the board degrades to the cached technician list, never blank ([degradation^{\[5\]}](#)); flipping it is not a rollback and carries its own RT-2 threshold. Canary hooks, **omitted with the model named:** single-shot deploys, no canary infrastructure at pilot scale. Every rollback event logs timestamps, commands, roles, and verification results.

§5 Post-Rollback Verification

mandatory 1 decision 1 evidence rule

validator: post_rollback_verification_present_when_triggers_exist

The rolled-back version re-runs DV-1 through DV-5 ; the triggering signal must sit at baseline for **20 minutes** before stand-down; owner, the same on-call engineering lead who pulled the trigger; the event and its verification logged. A rollback nobody verified is a hope, not a recovery.

§6 Open Questions

mandatory 1 decision

Question	Owner	Answer by	Blocks
Does hub-six rollout justify canary infrastructure (flipping the RT thresholds to per-slice evaluation)?	E. Sandoval	Aug 15, 2026	The production gate's shape for rollout, not the pilot

Omission note (how the canary block renders when the model has one): "Canary hooks engaged; error_rate carries critical: true (fails the canary regardless of the blended score); baseline window 1 hour of pre-deploy traffic."

Refs References & Package Contents

In this export package

- package [4] Operations runbook: HOW to roll back, forward-fix procedures ./operations-runbook.html
- package [5] Functional spec: degradation semantics behind the kill-switch ./frd-recommendation-rules.docx

In the Specira workspace

- specira [1] Test strategy: the release gate and tier ladder this artifact backs
app.specira.ai/projects/dispatch-modernization/artifacts/test-strategy
- specira [2] Architecture: deployment view, golden signals app.specira.ai/projects/dispatch-modernization/artifacts/architecture
- specira [3] Security requirements: SR-004 (the auth gate DV-3 links)
app.specira.ai/projects/dispatch-modernization/artifacts/security-requirements

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