

1 Some high level solutions for challenge that difficult to keep track the business
process:

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3 - Choose the right coordination style. Orchestrate complex, long-running flows
(Temporal/Camunda/etc.); use lightweight choreography only for simple reactions.

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5 - Enforce end-to-end correlation. Generate a business key at the edge and propagate it
(plus trace context) through every hop—HTTP and messaging—and into logs.

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7 - Model the process as events with a reliable pipeline. Define canonical domain events,
publish via outbox/CDC, and build a materialized Process Tracker (read-model) with a
/process/{id}/status API.

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9 - Bake in resilience patterns. Standardize timeouts, retries with backoff, idempotency
keys, circuit breakers, and Saga compensations to keep state consistent under partial
failures.

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11 - Operationalize observability and governance. Centralized logs/traces/metrics keyed by
the business id, dashboards for journey SLIs/SLOs, alerts for “stuck” flows, versioned
schemas, and consumer-driven contracts.