

Lifeline: the customer account as a *renewable product surface*.

D2C carriers acquire hard and retain worse because the customer account is a billing page, not a product. Life events that should trigger coverage changes never make it back to the carrier; the policy ages into a cancellation. Lifeline turns the post-sale surface into a measurable retention and cross-sell loop owned by Product, not Marketing.

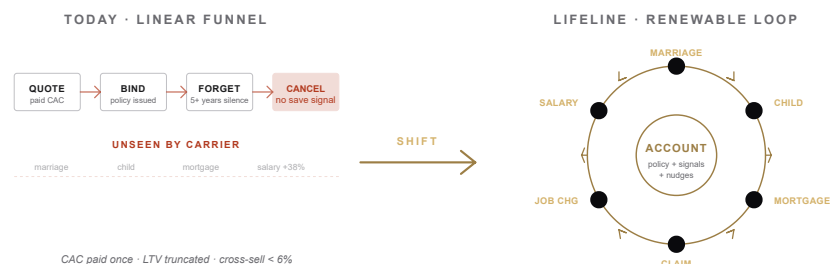
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Targets PolicyMe · Ethos · Lemonade · Ladder

The Problem

D2C insurance acquires hard and retains worse. The Canadian/US D2C term-life cohort spends \$400–\$900 fully-loaded CAC per bind, absorbs heavy early lapse, and converts under 6% of policyholders into a second product. Every life event that *should* change coverage (marriage, child, mortgage, job change, salary jump, divorce) is observable in the customer's life and invisible to the carrier. The customer account UI is a PDF download and a billing date; cross-product attach is a marketing-budget line item, not a product surface; claims, the moment of highest emotional bandwidth, are run as ops cost rather than as a growth event.

FIGURE 1 · LIFECYCLE SHIFT



Today: a four-step funnel that pays CAC once, ignores observable life events, and hands the carrier a cancellation as the only retention signal. Lifeline: the same account is a hub of life-event signals; each event re-enters the account as a coverage-gap nudge or a cross-sell opportunity, owned by Product.

Why this matters now

Three forces converge: **D2C CAC has roughly doubled in five years** while LTV has barely moved (paid social up 80–120% across major Canadian/US insurtech cohorts since 2020), **open-banking + payroll infrastructure now exposes life-event signals cheaply** (Plaid Income, MX, Flinks, Pinwheel), and **regulators have pre-approved the playbook**: the 2018 CCIR–CISRO Guidance on Conduct of Insurance Business and Fair Treatment of Customers broadly contemplates ongoing suitability review across the policy lifecycle, and US state DOIs mirror the same principles. The product muscle exists outside insurance; insurance simply hasn't built it.

Sizing the prize

Bottom-up for a typical Canadian D2C carrier: **280K active policyholders × \$420 incremental annual revenue per re-engaged account = \$118M / yr addressable uplift on the existing book**, before any new acquisition. Across 8–15 comparable carriers, North-American uplift is **\$2.4–3.6B / yr** across life, critical illness, disability, and bundles. We sign against **net revenue retention**, audited monthly against a hold-out cohort. Sources: LIMRA (2025); Lemonade and Root SEC filings (2024); CCIR–CISRO Fair Treatment guidance (2018); 7 lifecycle-PM interviews.

PER-CARRIER ADDRESSABLE UPLIFT

\$118M / yr

280K policies × \$420 / acct

NORTH-AMERICAN TAM

\$2.4–3.6B / yr

Cross-sell + retention save

Strategic insight

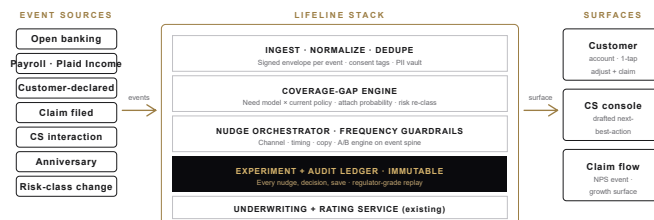
The category sells "engagement" because it forgot that the customer account *is* the product after the sale. The buyer at quote-time and the buyer at month 18 are the same person on a different page of life; pretending they are not is what loses the renewal. Lifeline's wedge is not a churn model or marketing engine, it is a **product surface**: the customer's account becomes the place where life events arrive, coverage gaps surface, and cross-sell happens with full risk + pricing context. The internal CS console is a first-class product, not a Salesforce report; reps see the same surface the customer sees, with the next-best-action already drafted.

THE UNLOCK

Treat **life events as first-class product inputs**, not marketing triggers. Three product surfaces, one event spine: the **customer account** shows current coverage against detected life context with one-tap adjust; the **CS console** shows the same context with a drafted recommendation, audit-trailed; the **claims experience** is instrumented as the highest-NPS moment in the product and the only place the customer is willing to talk about coverage gaps. Experimentation runs on the event spine, not the surface, so wins compound across all three.

Architecture · Event-spine post-sale platform

FIGURE 2 · SYSTEM ARCHITECTURE



Events arrive from open-banking, payroll, customer-declared, and operational sources; each event is a signed envelope ingested into a single spine. The coverage-gap engine joins event context to the current policy and produces an attach probability + risk re-class. The nudge orchestrator decides the channel, timing, and copy; every decision is logged in an immutable audit ledger that is also the experimentation substrate.

WORKED EXAMPLE · SARAH, 32, TERM-LIFE BUYER AT MONTH 16

Plaid Income detects a 38% salary jump; a mortgage signal arrives three weeks later. The engine flags Sarah's \$500K policy as **\$420K under-insured** against new debt + dependents. A single in-app prompt offers a one-tap adjust to \$920K, priced and bound in 90 seconds; CS console mirrors the context. On a 14K cohort vs. control: **+12 pts NRR**, claim NPS up **+22 pts**, critical-illness attach 4.1% → **11.6%**.

Sequenced delivery (MVP-first)

PHASE	CUSTOMER WEDGE	FORCING-FUNCTION WORKLOAD	PROOF POINT
Wedge · MVP M0-6	Existing term-life book, year-2+ cohort (highest churn risk)	Salary + mortgage + dependent-change events; coverage-gap re-quote	Lift NRR on cohort by > 8 pts; cancel-save rate > 22%
Beachhead M6-18	Cross-product attach: critical-illness + disability into the same account	Same event spine; second product priced on stored health profile	Attach rate > 12% on event-eligible cohort; CAC-free incremental ARPU
Ecosystem M18+	Health & dental + property bundle; partner-distributed via account	Account-as-distribution: bundled offers, signed referral receipts	25% of revenue from bundle / partner; bundle save-rate > 35%

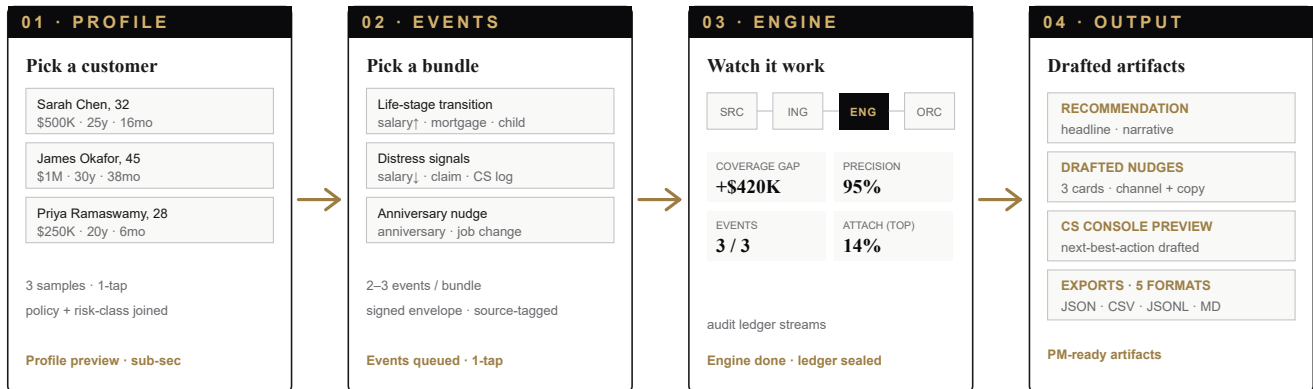
Tradeoffs we accept

- **Open-banking consent friction.** 30-40% decline first connect; customer-declared, claim, and CS paths must carry the wedge on day one. Consent is a multiplier, not a dependency.
- **Underwriting re-class is regulator-bounded.** One-tap is reserved for amount changes within risk class; new evidence routes to a 90-second re-quote, not click-to-bind.

Prototype walkthrough

An interactive prototype runs the Staff-PM-side flow end to end: pick a customer, pick a life-event bundle, watch the engine ingest events into the audit ledger, and walk away with a drafted recommendation, drafted nudges, and a CS-console preview. Built to demonstrate that **life events as product inputs**, **coverage-gap as a primitive**, and **orchestrator routing with audit replay** are runtime behavior, not slideware.

FIGURE 3 · PROTOTYPE FLOW, FOUR INTERACTIVE STEPS



Schematic of the live UI; all four steps are fully interactive in the [demo](#).

What the prototype proves, and what it doesn't yet

Proven on the prototype

- Coverage-gap engine produces a Δ -coverage in seconds against the stored policy
- Orchestrator routes distress combos (salary↓ + CS interaction) to retention and suppresses upsell, no manual rules
- Audit ledger streams every ingest / engine / orchestrator decision in real time
- CS console preview drafts the next-best-action; exports are PM-ready in five formats
- Replay reconstructs any account's decision history from the signed event log, so a reviewer can audit why each nudge fired

Out of scope, by design

- Open-banking consent broker is mocked; real Plaid / MX / Flinks integration is Y1 build
- Frequency-cap engine isn't enforced across nudges; M3 milestone
- Underwriting service is stubbed; regulator-grade ratepath changes are M9+
- Salesforce overlay is sketched; thin-embed CS event card is the M0 milestone
- Premium re-rating and actuarial pricing run through the carrier's underwriting engine, not the prototype's stub

WHY A PROTOTYPE, NOT A DECK

Architecture diagrams describe what a system *could* do; runtime behavior is what a Staff-PM peer evaluates. The prototype turns the four pillars (event spine, coverage-gap engine, nudge orchestrator, audit ledger) into observable behavior: three customers, three event bundles, signed events, drafted nudges, regulator-grade replay. The exports at step four are the artifact a Staff PM would archive against the experiment.

THREE PATHS TO TRY IN THE LIVE DEMO

Coverage-gap from life events: Sarah (year-2 cohort) + Life-stage transition bundle → \$420K under-insured; one-tap adjust drafted, premium delta priced and queued for in-app prompt at next login.

Cancel-save protocol: Priya (year-1 cohort) + Distress signals bundle → orchestrator routes to retention path, cross-sell email suppressed; CS console flags the account for inbound.

Quiet-account cadence: James (year-3 cohort) + Anniversary nudge → low-confidence path; standard anniversary check-in queued at d+60, no aggressive nudge.

Metrics that matter

LAYER	METRIC	Y1 TARGET	WHY IT MATTERS
North-star	Net revenue retention on existing book	> 118%	Compounding without new CAC; the only honest measure
Quality	Coverage-gap precision (regulator-audit)	> 92%	A wrong nudge erodes trust faster than no nudge
Cross-sell	Second-product attach rate, event-eligible cohort	> 12%	Up from 4% baseline; the wedge bet
Save	Cancel-save rate (intent-to-cancel cohort)	> 22%	Counter-metric to the nudge-fatigue risk
Claim NPS	NPS at claim-flow exit	> 65	Highest-NPS moment is a growth event when instrumented
CS efficiency	Median CS handle time on event-tagged calls	< 7 min	Console drafted-action vs. cold lookup

Risks & mitigations

- HIGH** **Nudge fatigue and trust erosion if the engine over-fires.**
Mitigation: hard frequency cap (≤ 1 nudge / 14 days, ≤ 4 / yr); a "fewer messages" toggle exposed in account settings as a first-class control; cancel-save rate is a counter-metric, monitored weekly; precision SLA > 92% audited monthly against a held-out human-labeled set. Below SLA, the orchestrator falls back to event-only triggers.
- HIGH** **Regulatory pushback on event-triggered re-quoting (CCIR/CISRO, AMF, FSRA, state DOIs).**
Mitigation: proactive engagement with CCIR/CISRO + provincial regulators (AMF, FSRA) in M0; immutable audit ledger ships day one (regulator-grade replay of every decision); ratepath changes routed through licensed underwriting service, not the nudge layer; legal sign-off per market on the copy library. Treat compliance as a product input, not a blocker.
- MED** **Open-banking consent rate too low to make event ingestion economical.**
Mitigation: the un-consented path (claim, anniversary, customer-declared, CS interaction) carries the wedge; consent uplift is a multiplier above. Consent-rate target 45% by M9, but not on the critical path. Plaid + MX + Flinks are routed via a unified consent broker so the customer connects once.
- MED** **CS console is a 9–12 month internal-tool build in a Salesforce-incumbent CS org.**
Mitigation: ship a thin event-card overlay inside Salesforce in M0 (drafted next-best-action injected via Salesforce Lightning); full-fat console replaces in M9. CS adoption is measured (% of calls where the rep opened the event card); below 70% adoption triggers re-design.

30 / 60 / 90, first quarter sprint plan

30 DAYS Event spine + audit ledger › Event ingest + signed-envelope schema for 5 sources › Immutable audit ledger live · regulator demo dataset › Customer-declared + anniversary + claim event paths shipped	60 DAYS Coverage-gap engine + CS overlay › Need model v1 · attach probability scorer · precision baseline › Salesforce overlay shipped to CS · event card on inbound calls › First A/B on year-2 term-life cohort (n $\approx$ 14K)	90 DAYS Nudge orchestrator + customer surface › One-tap adjust within risk class · 90s re-quote elsewhere › Frequency-cap engine · "fewer messages" customer control › NRR cohort baseline · cancel-save rate live · regulator briefing
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DECISION ASKED

Authorize a 90-day sprint with a six-person team (Staff PM, three engineers, lifecycle lead, compliance partner), budget **\$2.1M**. Success: NRR lift > 8 pts on year-2 cohort, attach > 12%, cancel-save > 22%, precision > 92%, no regulatory blockers raised at the M0 briefing.