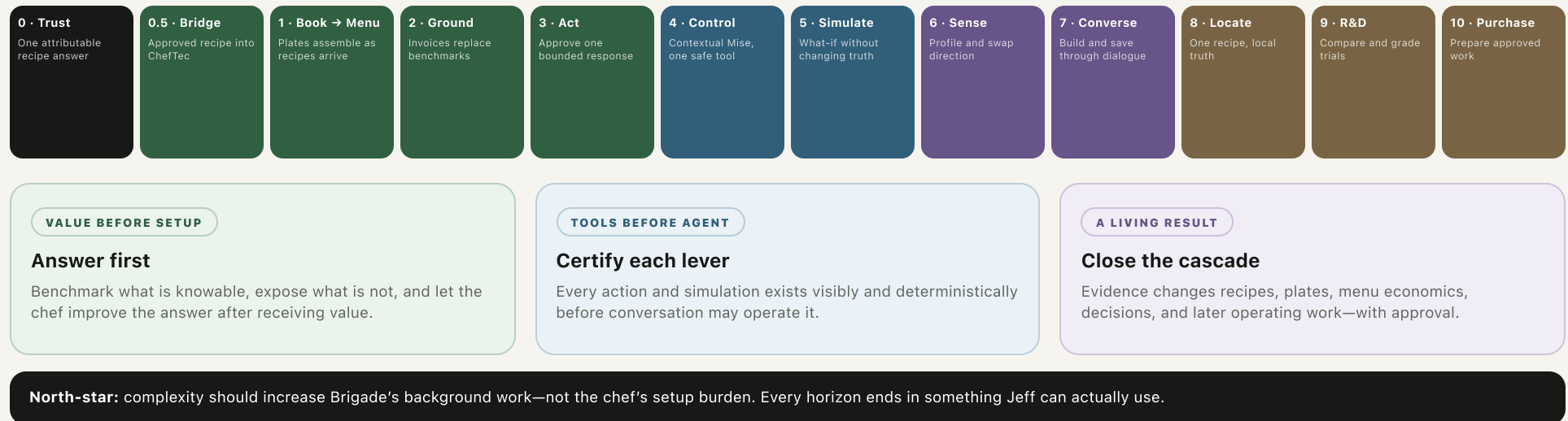


From one recipe answer to an operating partner for the kitchen.

Mise earns trust by costing one recipe honestly. Brigade can then help existing ChefTec clients ingest recipes faster while compounding that trust into living kitchen truth, reversible decisions, simulations, sensory intelligence, conversational control, multi-location operations, and eventually approved purchasing work.



Plate, menu item, menu assortment, and sales mix answer different questions.

ONE THING THE GUEST BUYS

Sellable-item build

The versioned composition of one sellable unit. It connects recipe portions and sub-recipes to a guest-facing item. A **plate build** is the plated-food subtype and UX view—not the universal data name.

Steak Frites · one sellable serving

The menu item points to this versioned sellable-item build.

Steak · 1 portion

A production recipe portion.

Fries · 6 oz

A second production recipe portion.

Peppercorn sauce · 2 oz

A sub-recipe that may be used by several dishes.

Garnish · open

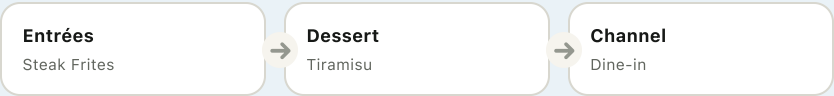
An honest gap remains visible until specified.

Item economics: roll up only confirmed recipe versions, portions, yields, and eligible evidence. Tiramisu can have a quiet one-component item build; the chef never sees a plate builder unless composition needs attention.

WHAT IS OFFERED

Menu assortment

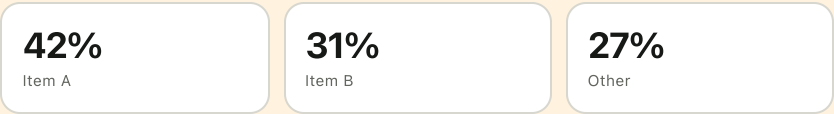
The set of menu items, variants, bundles, sections, locations, channels, and prices the business offers.



WHAT ACTUALLY SELLS

Sales mix

The proportion and volume of each menu item sold over a period. This is required for portfolio contribution, demand, capacity, and true menu engineering.



Terminology decision

"Product mix" is overloaded. Use **sellable-item build** for one item's composition, **plate build** for its plated UX, **menu assortment** for what is offered, and **sales mix** for what sells.

Each new intelligence layer operates the same visible, certified product tools.



ONE SHARED PROGRESSION

The interface proves the tool before conversation receives it

Action	Current base, permission, receipt, approval, rejection, compensating Undo.	Real mutation
Simulation	Pinned base, typed hypothetical, deterministic result, immutable revision, stale rerun.	No mutation
Sensory	Formula + method + source-backed direction + visible unknowns + chef correction.	Qualified claim
Conversation	Same IDs, tools, ledgers, versions, permissions, receipts, and stale-base rejection.	No shadow path
R&D	Typed candidate versions, deterministic comparison, trial selection, structured feedback.	Test + learn

Real checkpoint
The interaction, money, write, receipt, permission, and recovery path run against the bounded contract.

Authorized fixture
Sanitized or explicitly authorized data may prove the path; the behavior and dollars remain real and answer-keyed.

Prototype / non-live
Future screens may test comprehension, but mock values, simulated mutations, and unsupported outputs are labeled visibly.

Roadmap discipline
A horizon is not implementation authority. Each cross-cutting tool receives a bounded contract and independent gates.

Balanced destination: Menu is one projection. Simulations, sensory intelligence, locations, conversation, R&D, and purchasing all consume the same living kitchen truth.

Earn the right to do more by answering one recipe honestly.

RECIPE BENCHMARK

Your recipe is costed

Known value arrives now. Assumptions and gaps remain attached to the result.

Ingredient cost

Point estimate + eligible range

Current

Coverage

Costed · assumed · open

Honest

One decision worth your time

Chef-meaningful choice ranked by its dollar impact.

Review the decision

Use the current benchmark

CONCEPT SCREEN · VALUES SUPPLIED BY ENGINE AT RUNTIME

Capture

Read the recipe without setup



Cost silently

Return known result and range



Ask ≤3

Only material culinary decisions



Receipt

Show recost, scope, memory, Undo



X-ray

Attribute every line



Menu

Read the same current projection

Chef promise

A useful partial result is better than a wall. Uncostable lines stay visible with context; uncertainty never becomes fake accuracy.

System promise

One server-owned projection supplies CostingProgress, Verify, Recipe View, X-ray, and today's capital-M Menu recipe-portfolio screen. GET does not secretly recost; future MenuItem/Listing models remain distinct.

Attention promise

Rank decisions by expected dollar movement. Suppress catalog rows, arithmetic paths, and immaterial questions.

Current exit gate

Architecture Gate A passes. Product Gate B now requires canonical UI Undo, bounded chef-level options, one explicit cost basis, and honest readiness and partial-result language.

Jeff checkpoint J0: upload one recipe → receive payoff → resolve one decision → see receipt/Undo → inspect X-ray → return to a fast, consistent Menu.

Use Brigade to eliminate recipe re-entry for existing ChefTec clients.

RECIPE IMPORT • PARK CITY CHEFTEC

Ready to send

The recipe is structurally valid for ChefTec. Costing can continue without blocking the import.

Vanilla ice cream

New recipe • 14 ingredient lines

Ready

Yield + serving unit

3 gallons • 96 scoops

Confirmed

Cost coverage

12 costed • 2 still open

Does not block

Send to ChefTec

[Preview mapped fields](#)

After approval: publish asynchronously, read the recipe back, then show ChefTec ID, site, warnings, and a reconstructible receipt.

PROPOSED • INTEGRATION PATH NOT YET CONFIRMED

Capture

Photo, PDF, or typed recipe



Validate

Only import-required fields block



Preview

New/update, target site, duplicates



Approve

Chef explicitly sends



Publish

Authorized async connector



Verify

Read-back receipt

Immediate client value

Brigade handles handwriting, structure, units, and focused exceptions so a ChefTec client does not retype the recipe.

Two readiness states

ChefTec ready means required recipe fields are valid. **Costing complete** means evidence can support the economics. One does not impersonate the other.

Discovery gate

Confirm supported API/import utility versus direct SQL, hosting topology, source of truth, required fields, duplicates, subrecipes, reversal, and one pilot site.

Safety boundary

No model or browser request writes directly to a client database. Deterministic mapping, target validation, approval, idempotency, and read-back are mandatory.

Sequence: close ICE-001 first. Run CTB discovery immediately after. Build CTB-001A/B next only if a safe supported import path exists; otherwise continue invoice grounding while Architecture resolves the connector.

Sellable-item building should feel like confirming Mise's work—not starting a second project.

TIRAMISU · RECIPE RESULT

One-component item build

Mise matched a complete serving recipe to an imported/current menu item and quietly created a reversible draft.

Tiramisu
12 portions · complete dish

High confidence

Price
Not set

Next

Open draft menu item

[Change how this recipe is used](#)

PROPOSED · NOT LIVE

STEAK FRITES · PLATE BUILD

Four components found

Selecting a row opens one overlay to change the recipe or portion. No multi-step chooser.

Steak
1 portion · costed

Linked

Fries
6 oz · costed

Linked

Peppercorn sauce
2 oz · benchmark

Estimate

Garnish
Quantity not specified

Open

Confirm 4 components

[Add another component](#)

PROPOSED · NOT LIVE

Direct dishes stay quiet

No “Would you like to sell this?” prompt for an explicit menu match or obvious complete dish. Create the one-component draft and show confidence plus correction.

Composed dishes stay inline

Add, remove, or resize a component inside Recipe View or Menu View. Cost refreshes in place with receipt and Undo.

Batch uploads become exception review

“7 dishes drafted · 9 prep recipes connected · 3 relationships need confirmation.”

Composition proof C0: support one versioned sellable-item build before J2 price actions. Broader draft-menu automation can grow incrementally and does not block J1 invoice learning.

Invoices replace market evidence with kitchen truth—and show the payoff immediately.

INVOICE READ · EXCEPTION REVIEW

Three lines need you

24
lines read

18
ready to learn

3
need attention

3
fees / credits

Vanilla beans

Which product matches this line?

High impact

Heavy cream pack

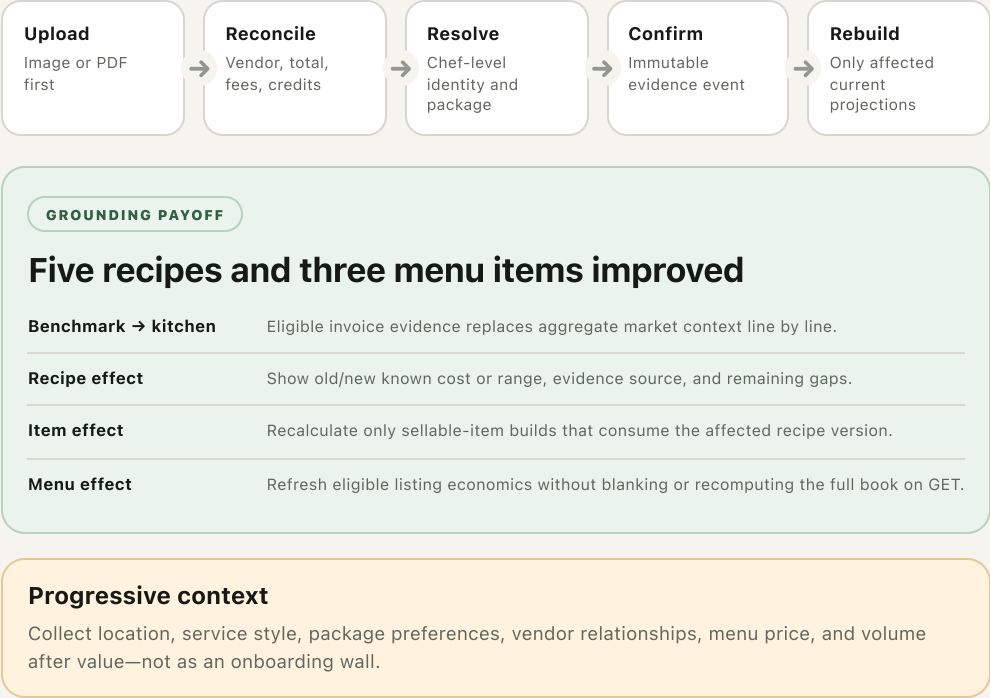
Package size needs confirmation

Next

Review 3 exceptions

Show 18 ready lines

PROPOSED · NOT LIVE



Jeff checkpoint J1: confirm one authorized invoice and understand every learned relationship, affected recipe, sellable item, and remaining exception.

Recommend only as strongly as the menu and business evidence allow.

STEAK FRITES · PRICE REVIEW

Review the menu price

The sellable-item build is current. The calculated action names its basis and missing context.

Current listed price

Gross listed price before tax · dine-in

Known

Item cost basis

Food + recorded recipe labor; absent labor is not modeled

Current

Calculated target price

At the operator-selected food-cost target

Proposal

Review proposal

[Keep current price](#)

Packaging, commissions, discounts, and overhead: not modeled. No "profit" claim.

CONCEPT SCREEN · ILLUSTRATIVE FIELDS, NOT LIVE VALUES

1

Known plate cost

Versioned recipe portions and eligible evidence.

2

Target calculation

"At your selected target, calculated price is..."

3

Future: market context

Unavailable until eligible local, category, and service-style comparables exist.

4

Future: recommendation

Unavailable until labor, channel, positioning, and policy context support it.

Never jump from ingredient percentage to "optimal price."

Demand, sales mix, capacity, discounts, fees, taxes, labor, overhead, and competitive positioning may be absent. Mise names the calculation basis and stops at the highest eligible claim.

First bounded action

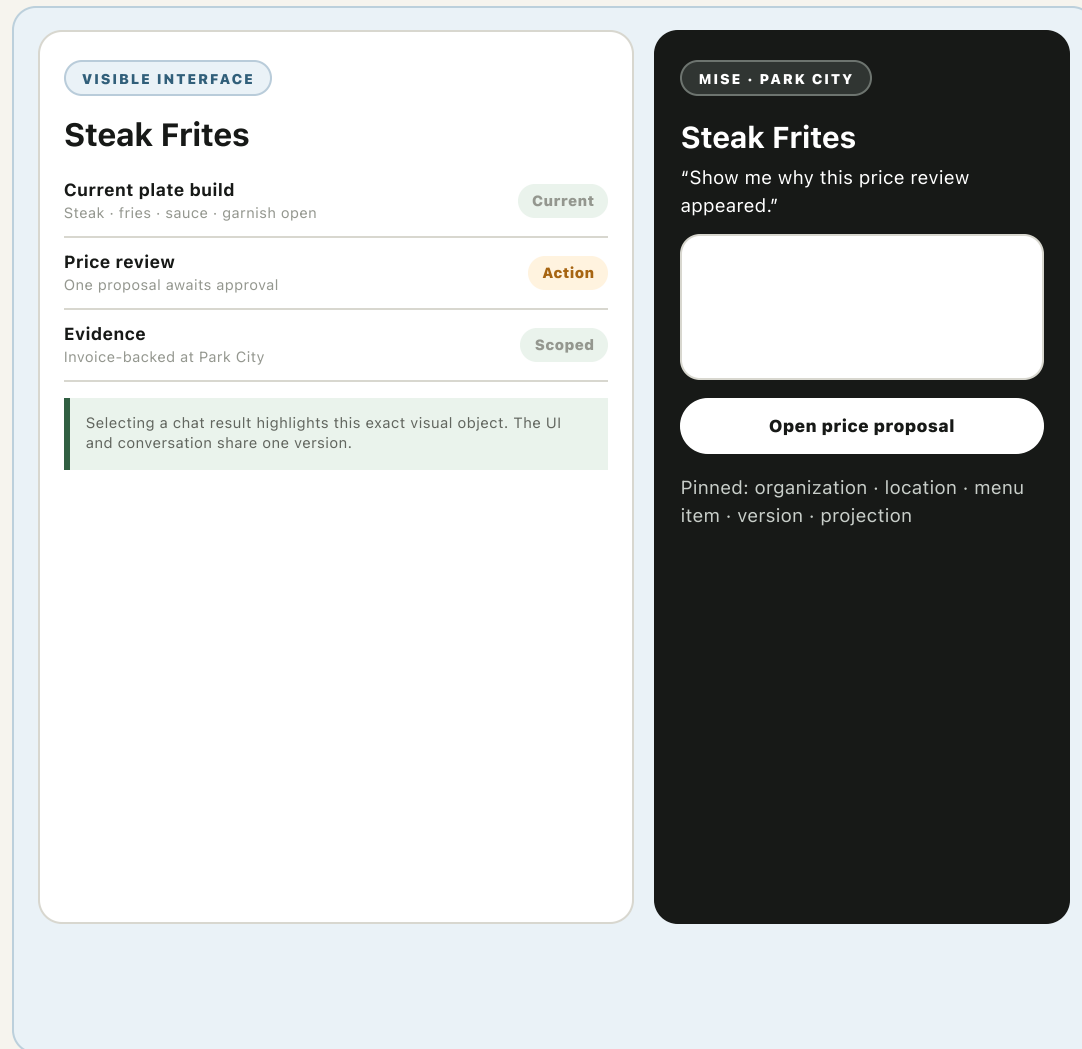
Approve, reject, or change one deterministic menu-price proposal for one current, eligible sellable-item build.

Action safety

Fresh-base check, permissions, immutable receipt, application result, and compensating Undo.

Jeff checkpoint J2: one invoice-backed cost movement reaches the correct menu item and produces one understandable, reversible price-review action.

Test the agent premise early with one safe action and unmistakable context.



J4A

One certified action

Open or operate a server-certified price-review action. Preserve minimize/resume, explicit scope switching, stale rejection, receipt, and Undo.

Not yet a co-designer

No free-form formula mutation, sensory claims, uncatalogued tools, or arithmetic inside the model. Existing Ask Mise intents are not grandfathered in.

Why this comes early

It proves whether persistent context, UI convergence, permissions, and receipts work before the assistant receives broader culinary authority.

Jeff checkpoint J4a: ask one contextual question, open one real action, approve or reject it, minimize/resume, and see the same receipt in the interface.

Change an assumption without contaminating kitchen truth.

SCENARIO S-104 · FRESH · BASE V18

Ingredient price what-if

Confirmed line + package
Pinned

Normalized same-pack assumption

Hypothetical ingredient price
Input

User-entered · no evidence changed

Optional listed price
Input

Gross before tax · dine-in

Batch + serving result
Engine

Old → new · deterministic range

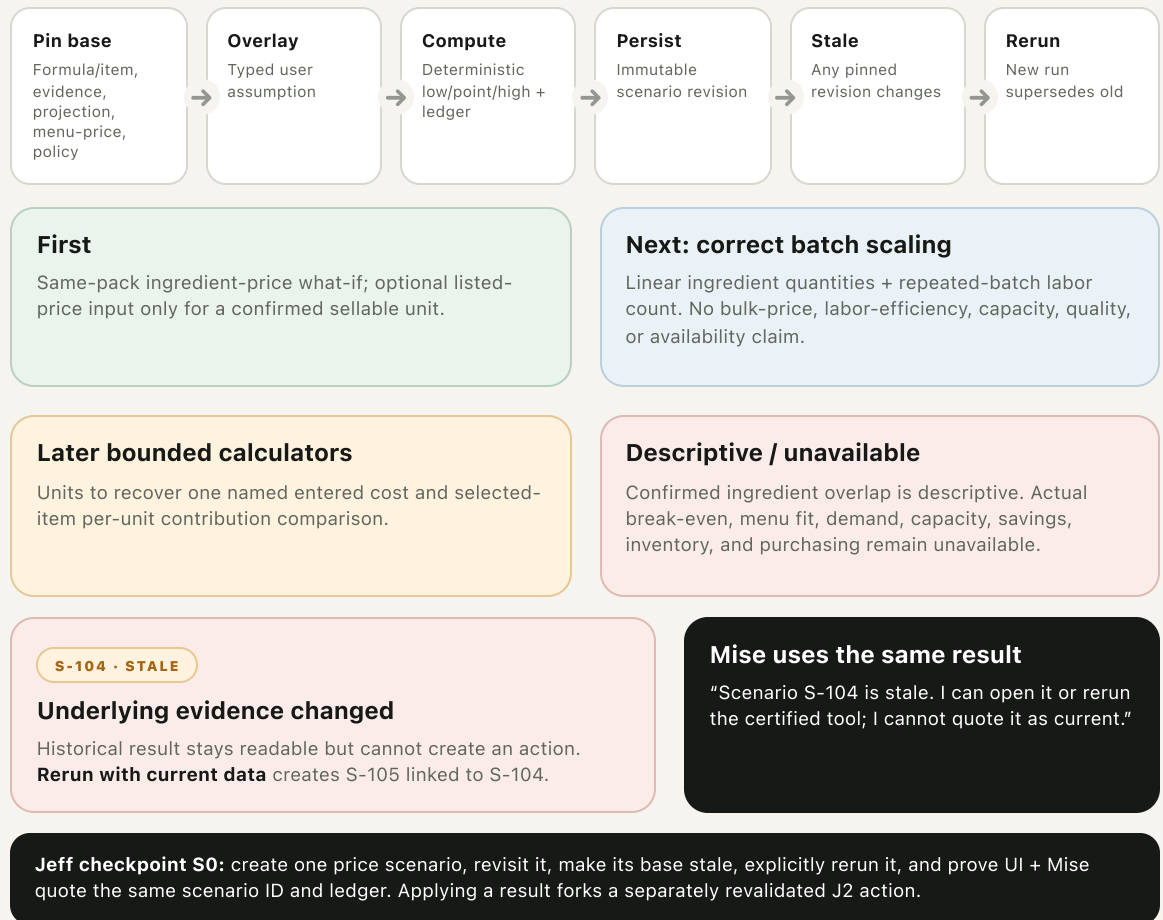
Contribution basis
Named

Food + recorded labor; other components not modeled

Coverage
Partial if needed

Known, assumed, and open inputs preserved

Create scenario revision



Put culinary consequence beside cost—qualified, correctable, and source-backed.

EXPECTED SENSORY PROFILE

Vanilla ice cream

Directions, evidence, and dependencies—not a fabricated precision score.

Richness · higher

Qualified by fat/solids evidence · medium confidence

Directional

Sweetness · current band

Formula relationship · bounded basis

Supported

Body · unavailable

Depends on missing overrun and freezing method

Needs method

Finish · unknown

No eligible claim for this formula/method version

Open

Correct this profile after a trial

CONCEPT SCREEN · ILLUSTRATIVE PROFILE, NOT A LIVE PREDICTION

Formula version

Exact ingredients, specifications, quantities, yield, and deterministic mass balances.

Method version

Time, temperature, equipment, aging, freezing, overrun, hardening, and serving conditions.

Knowledge + evidence

Versioned functional properties, qualified claims, dependencies, sources, and applicability.

Chef correction

Trial and tasting feedback becomes scoped memory; disagreement remains visible.

WHAT-IF + SENSORY RESULT

Test one ingredient, see two consequences

Cost	Deterministic old/new cost, coverage, range, and source ledger.
Sensory	Qualified directional change with confidence, evidence basis, and process dependencies.
Live state	No formula changed. Applying the tested input to a versioned draft is a later, separately validated action.

Jeff checkpoint J3: inspect one bounded ice-cream profile, test one eligible ingredient/specification, receive cost + qualified sensory delta, and grade the prediction without silently changing the formula.

Conversation becomes a control surface over visible, certified culinary tools.

DRAFT V4

Vanilla ice cream

Formula
 Structured ingredients and quantities

Current draft

Method
 Age · freeze · harden · serve

Versioned

Cost
 Calculated from current draft

Engine

Profile
 Qualified against this formula + method

Directional

Save version to Recipe Book

MISE · DRAFT V4

"Replace 50 g milk with 50 g cream. Keep yield and method fixed; show cost and qualified profile delta."

Proposed draft change

Apply to draft
 [Keep current version](#)

Conversation may

Capture intent, ask focused questions, invoke certified tools, update a versioned draft, explain results, and request a separate save action.

Conversation may not

Calculate money, invent evidence, infer permission, silently switch recipe/location, save by implication, or bypass stale-base validation.

Non-disruptive behavior

Small trigger, persistent drawer, minimize/resume, visible scope, explicit switching, direct links to affected interface objects.

Jeff checkpoint J4b: give one clear recipe instruction, watch formula/cost/profile update in the interface, save the version to the book, update existing uses through the canonical dependency path, and Undo without re-entry.

Keep one culinary intent while preserving each location’s commercial truth.

SHARED

Base culinary recipe

Intent, approved formula, method, serving definition, quality requirements, and controlled inheritance.

PARK CITY

Local evidence

Vendor offer, package, price, yield observations, menu listing, memory, and authorized overrides.

NEW OPENING

Inherited draft

Copy the approved base while keeping evidence unknown until the new location earns its own truth.

Compare variance by cause—not by a flattened average		
Ingredient price	Same specification, different eligible local offer.	Commercial variance
Package / conversion	Different purchasable pack or confirmed conversion.	Evidence variance
Yield / method	Observed execution differs from the approved base.	Operational variance
Formula override	Intentional local adaptation remains explicit and versioned.	Culinary variance
Menu price / channel	Location and channel-specific listing economics.	Offer variance

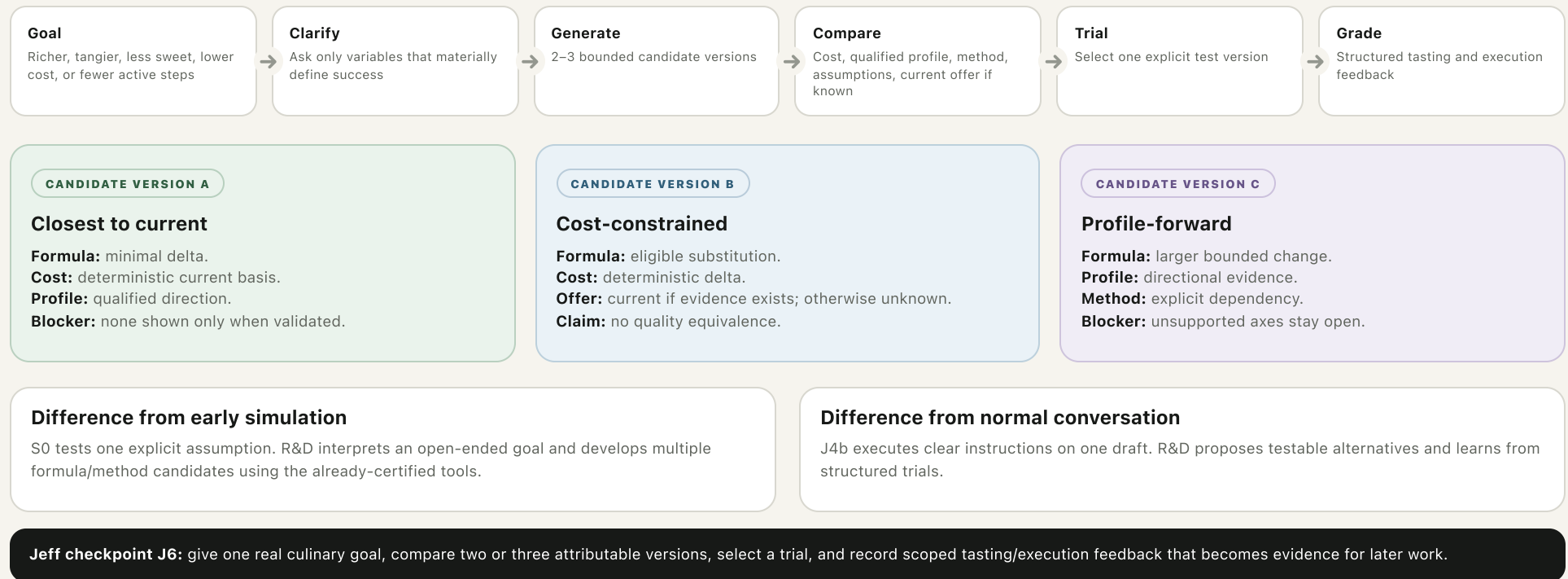
Scope must exist earlier

Location-safe evidence, memory, plate builds, menu prices, scenarios, threads, and approvals are designed during invoice/action work—even though this interface ships later.

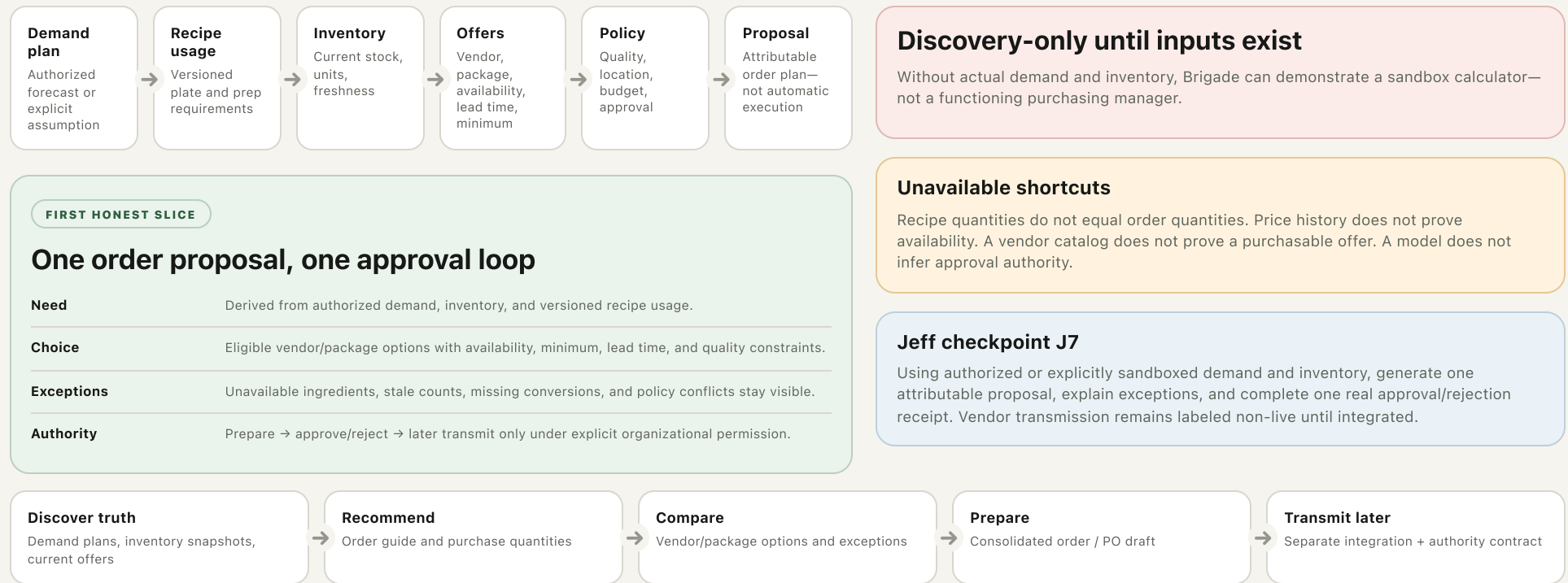
Jeff checkpoint J5

Compare one recipe and menu item across two authorized locations, understand the causes, and create a new-opening draft without contaminating either site.

Move from a culinary goal to testable versions—not one fluent guess.



Prepare operating work only after demand, inventory, offers, and authority are real.



The roadmap is a chain of usable proofs, not a long hidden build.

Now · J0	Trust spine: one current recipe answer, ≤3 decisions, receipt/Undo, X-ray, fast current portfolio.	Jeff costs one recipe
Conditional · CTB	ChefTec bridge: reviewed recipe → deterministic mapping → approved asynchronous publish → read-back receipt.	One client avoids re-entry
Parallel · C0	Thin composition seam: one versioned sellable build; direct dishes stay quiet; composed items connect inline.	One item assembles
J1a → J1b	Grounding: invoice exception review followed by targeted recipe/item payoff.	One invoice improves truth
J2	Action: one current sellable item receives one attributable price-review proposal.	Approve / reject / Undo
J4a	Narrow control: Mise operates one certified action in pinned context.	Agent premise tested
S0 / J2.5	Simulation: immutable ingredient/menu-price what-if, stale detection, explicit rerun.	What-if, no mutation
J3	Sensory: bounded profile, what-if delta, chef correction.	One prediction graded
J4b	Full conversation: clear formula/method instruction, cost/profile update, version save.	Recipe built in dialogue
J5	Locations: shared intent, local evidence, explicit inheritance and variance.	Compare two sites
J6	R&D: open goal → candidate versions → trial → scoped feedback.	Two versions tested
J7	Purchasing: real demand/inventory enable an approval-ready order proposal.	One loop closed

Build rule
A visible deterministic tool ships before it becomes an agent tool.

Data rule
Design location, identity, evidence, versions, and receipts early; expose surfaces when useful.

Roadmap rule
A horizon does not authorize implementation; each cross-cutting slice receives a bounded contract and gates.

The agent may become broader. The truth contract does not loosen.

1

Money is deterministic

No model-calculated costs, margins, target prices, scenario results, or order arithmetic. A model may propose typed inputs; certified tools compute.

2

No bare answers

Every number carries basis, evidence, versions, coverage, assumptions, and exclusions.

3

Partial still pays off

Show known values and bounded ranges; unavailable claims do not become an empty screen.

4

Attention follows dollars

The chef sees only decisions that materially change the result or operational action.

5

Memory is earned

Recipe truth, kitchen memory, location scope, correction, and Undo remain distinct.

6

Hypothetical stays hypothetical

Scenarios never contaminate evidence, canonical projections, recipes, listings, or actions.

7

Conversation shares the UI

One visible scope, one version, one action service, one receipt, and explicit switching.

8

Location is never implied

Evidence, offers, prices, memory, scenarios, threads, and approvals carry explicit scope.

9

Autonomy is earned

Prepare first, approve next, execute only with sufficient data, permissions, controls, and recovery.

Current gate

Gate A passes. Correct the visible Undo, primary choices, batch/serving labels, X-ray certainty, readiness, and zero-coverage payoff; then rerun the 430px journey.

Next seams

Discover the ChefTec publish path while validating one sellable-item build and planning one invoice payoff. CTB implementation is conditional, not assumed.

Simulation + sensory policy

Choose named cost basis, access, staleness, source standards, unsupported axes, and chef-correction measures.

Later truth requirements

Location contamination, R&D trial quality, and purchasing approval are tested only with authorized demand, inventory, and offer inputs.

Success: instrument every checkpoint—coverage gain, affected-artifact precision, action/Undo, scenario usefulness and rerun, sensory correction, context errors, location contamination, trials, and purchasing approval—while never pretending to know what the kitchen has not taught Mise.