Dweve
Weaving Intelligence

ENGLISH EDITION · JULY 2026

MARKETING BROCHURE · 16 PAGES

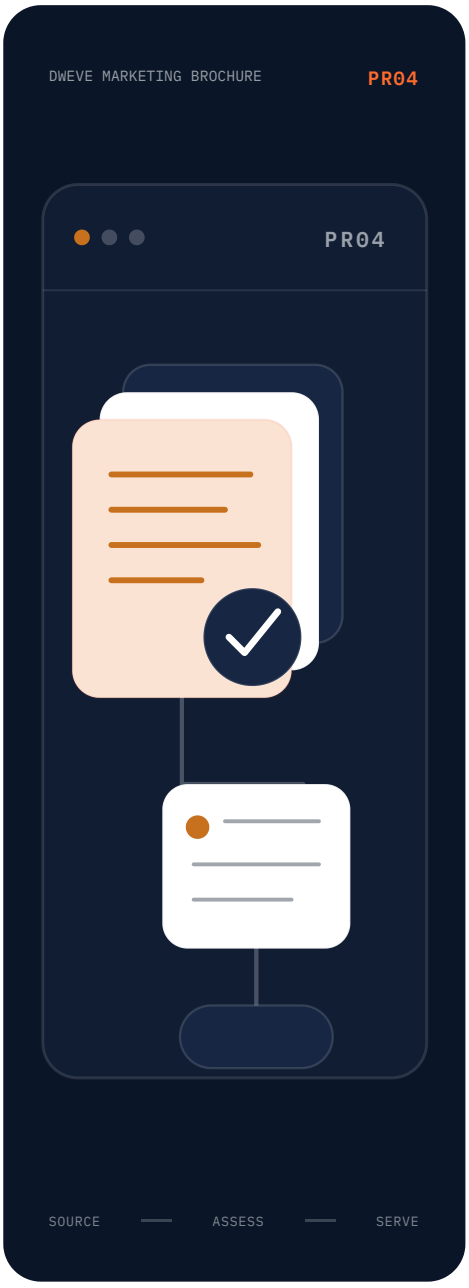
Spindle: the product brochure

A standalone visual introduction to Spindle, the job it owns, how it works, where it fits, and how to prove it.

VISUAL BRIEFING

PRODUCT LEADERS, BUYERS, ARCHITECTS, DELIVERY TEAMS, AND TECHNICAL EVALUATORS

ENGLISH



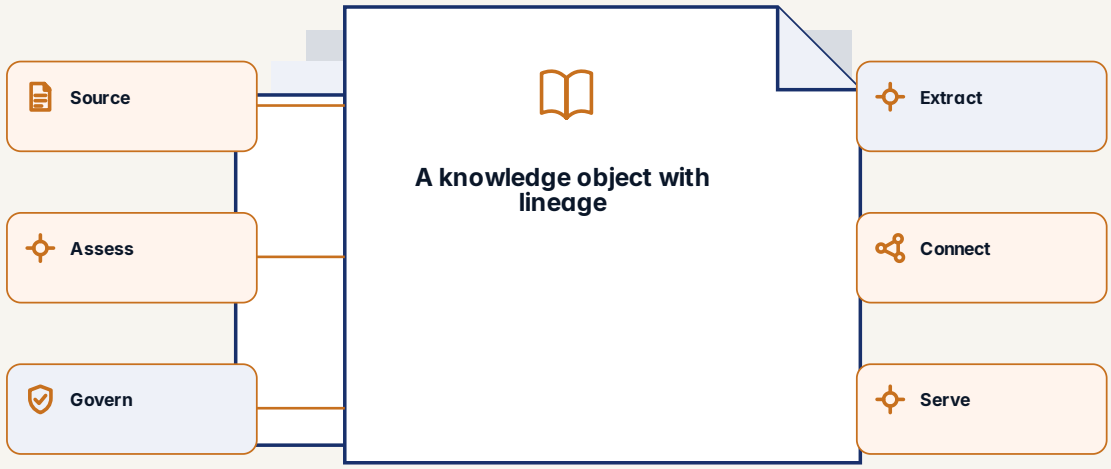
Decide whether Spindle belongs in the selected workflow.

PR04

THE PROPOSITION

Knowledge with source, quality, and state

Spindle is the piece that keeps track of where every answer came from. When you ask a question in Fabric it finds the source, checks it, and shows you exactly which document it used. No invented facts. No mystery about what the system knows and why.



How to read this visual: follow a knowledge object with lineage through the proposition.

BOUNDARY

Read the promise against the operating reality

Your documents change. Websites are corrected. Policies are replaced. An answer should not quietly outlive the information it came from. Spindle keeps the source, date, history, and evidence behind the knowledge Dweve uses, shows where an answer came from, and marks what it cannot verify instead of filling the gap with something that merely sounds convincing.

The Knowledge Atom is the indivisible unit Spindle works with: the content itself, its epistemological state, a six-dimensional quality score, complete provenance, and typed graph relationships. Provenance carries the source chain, authors, dates, credibility scores, and transformation history. The same fact stored from the same source is deduplicated in the graph, so a Canonical atom appears once.

- Source
- Extract
- Assess
- Connect

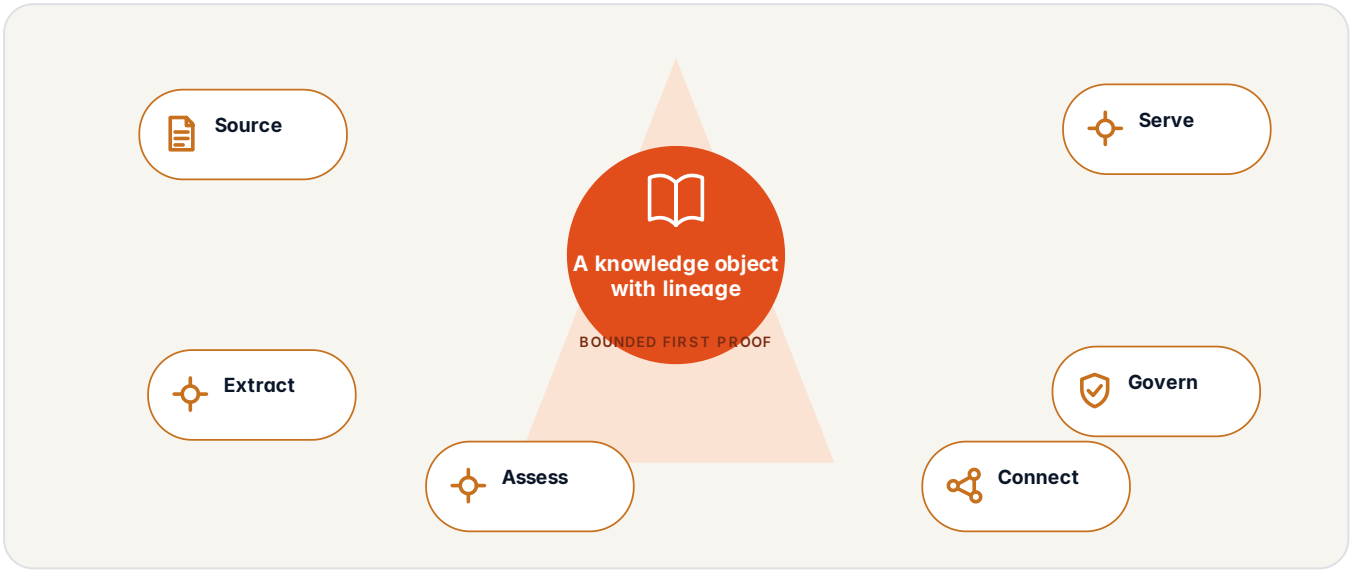
QUESTION TO CARRY

Which part of this proposition changes the outcome people receive today?

USE AND FIT

Where Spindle can earn its place

Start with responsibilities that have a real owner, useful sources, and a consequence worth improving.



How to read this visual: follow a knowledge object with lineage through use and fit.

CONTEXT

Separate useful scope from attractive distraction

Bring Spindle one recurring dataset and the sources behind it. See which work becomes reusable, which claims lack evidence, how every export is assembled, and what happens when a source changes.

Spindle parallelises at three levels. Different stages process different items at the same time. Multiple instances of one agent process different items in parallel. Inside a single agent, independent tasks such as multi source checking fan out. Each stage scales on its own worker pool, and a multi store backend keeps the graph, the atoms, the metrics, and the embeddings each in the right place.

- Source
- Extract
- Assess
- Connect

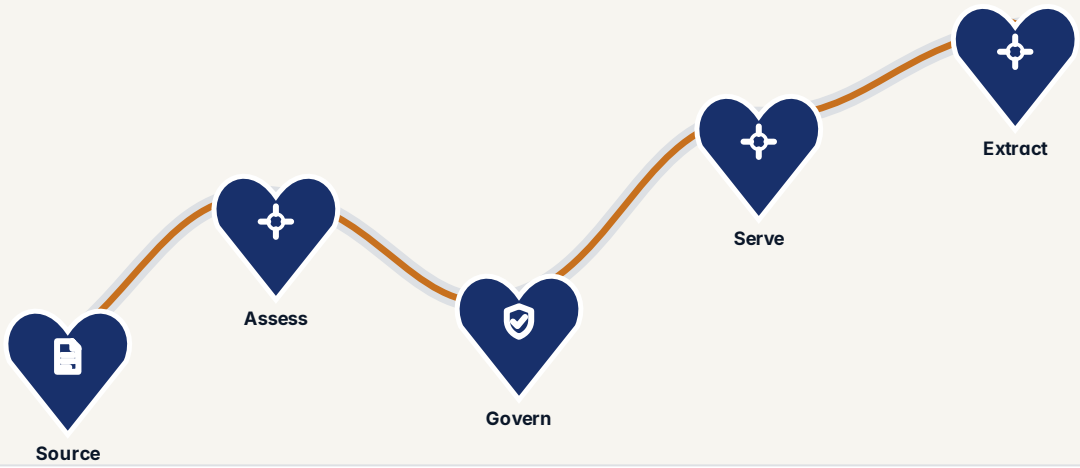
QUESTION TO CARRY

Where does this earn a place, and where should it deliberately not be used?

THE PATH

How Spindle moves from question to decision

A focused engagement should make the next decision easier, not create a larger promise.



How to read this visual: follow a knowledge object with lineage through the path.

WHY THIS SHAPE WORKS

The workflow, operating boundary, evidence, and decision criteria are considered together from the start.

BOUNDARY

Make every stage earn the next one

Spindle is not a monolith. It is a military-inspired hierarchy of 32 agents under a Master Orchestrator, organised into a Discovery Brigade, an Extraction Corps, an Analysis Division, a Connection Network, a Quality Guard, a Governance Council, and a Export Compiler. Specialisation mimics human expert evaluation, lets work run in parallel, keeps maintenance focused per agent, and degrades gracefully when one agent fails.

Every new data project begins with an old bill. Teams collect sources somebody already collected, clean information somebody already cleaned, and reconstruct ownership, provenance, permissions, and regulatory context around yet another dataset that will eventually go stale. Spindle changes the economic model: knowledge becomes a durable asset, verified once, governed continuously, and reused with proof.

- Source
- Assess
- Govern
- Serve

QUESTION TO CARRY

What evidence must exist before the scope is allowed to grow?

THE VALUE PICTURE

Spindle seen from three responsibilities

Good AI work must make sense to the person using it, the team operating it, and the people reviewing it.

How to read this visual: follow a knowledge object with lineage through the value picture.

PRIMARY READER

Product leaders, buyers, architects, delivery teams, and technical evaluators

The first conversation.

DECISION SUPPORTED

Decide whether Spindle belongs in the selected workflow.

The next useful step.

CONTEXT

Read the same outcome from several responsibilities

Spindle parallelises at three levels. Different stages process different items at the same time. Multiple instances of the same agent process different items in parallel. Inside a single agent, independent tasks such as multi-source checking fan out. Each stage scales horizontally on its own worker pool, and a multi-store backend keeps the graph, the atoms, the metrics, and the embeddings each in the right place.

A fact challenged in a board room or a regulatory review is only answerable if the lineage was attached when the fact was created, not reconstructed when the question was asked. Spindle attaches provenance to every fact at certification time. The lineage travels with the answer.

- Source
- Assess
- Govern
- Extract

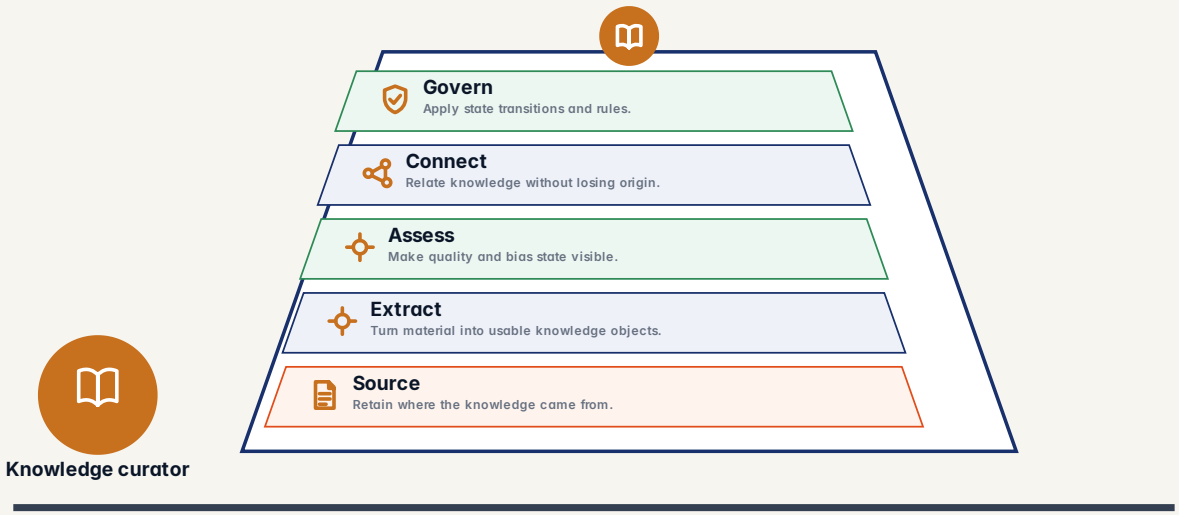
QUESTION TO CARRY

Can the same result satisfy its user, operator, and reviewer?

THE OPERATING MODEL

The control model around Spindle

A credible proposition connects the visible result to the less visible responsibilities underneath it.



How to read this visual: follow a knowledge object with lineage through the operating model.

BOUNDARY

Name the controls behind the simple interface

Spindle does not wait for an audit to discover that provenance is missing. Evidence, disagreement, rights, retention, quality, and governance are handled during the knowledge lifecycle. A policy failure stops an atom from progressing and leaves a visible reason. The result is a defensible record of what was accepted, why, under which policy, and what has happened since.

Different knowledge requires different proof. A disputed public claim may require three genuinely independent sources, sufficient diversity, and a minimum multidimensional quality result. An official register entry follows an authoritative primary source policy. A contractual fact may require one signed document rather than three websites repeating it. Source ancestry is recorded, so ten articles copied from one press release count as one origin.

- Source
- Extract
- Assess
- Connect

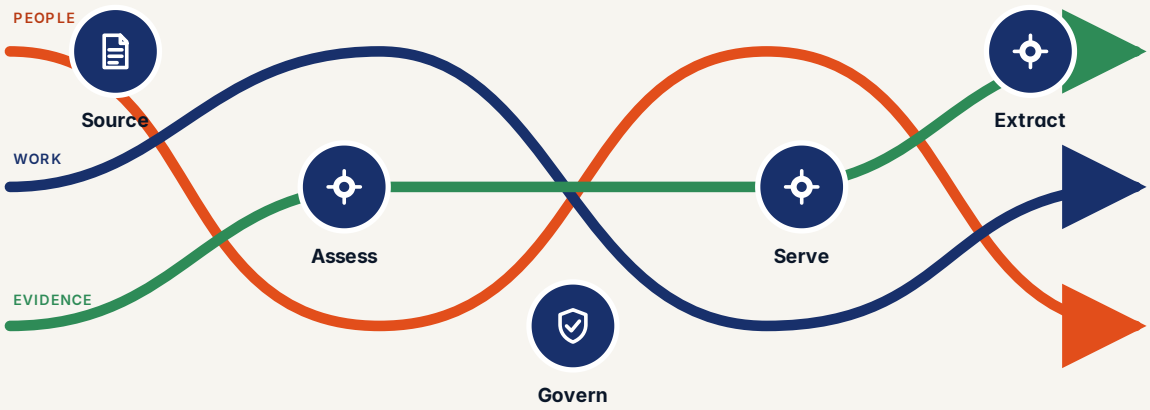
QUESTION TO CARRY

Who owns each control when the interface appears simple?

THE RESPONSIBILITY FLOW

People, Spindle, and evidence move together

The work becomes easier to govern when each stage leaves a clear hand-off.



How to read this visual: follow a knowledge object with lineage through the responsibility flow.

CONTEXT

Keep every hand-off attached to an owner

A data catalogue tells you where information is stored. Spindle tells you whether a knowledge asset qualifies for reuse, which evidence supports it, which rules govern it, where it has circulated, and what depends on it. That is the difference between documenting the linear data economy and leaving it behind.

Spindle breaks information into knowledge atoms: individually identifiable facts, assertions, relationships, and records that keep their source, history, evidence, rights, governance status, and integrity proof. Datasets become reproducible selections from that governed base, so the work of preparation is done once and reused everywhere.

- Source
- Assess
- Govern
- Serve

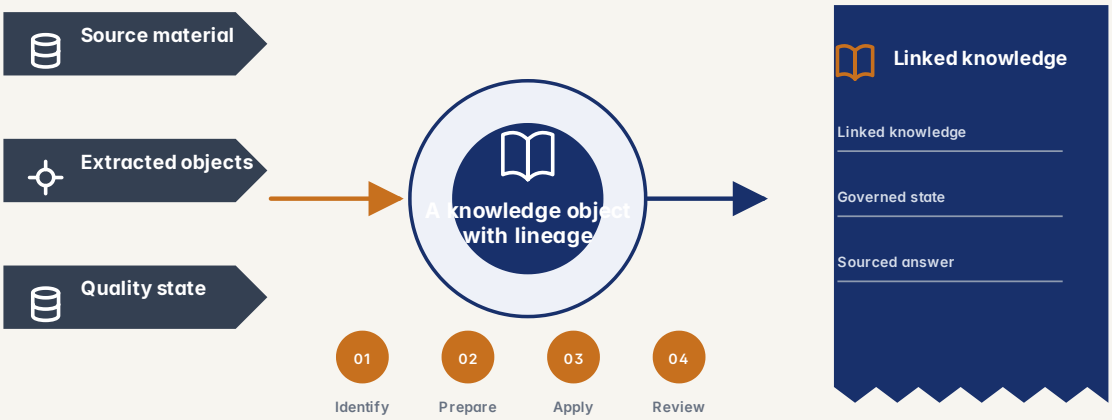
QUESTION TO CARRY

Is every hand-off visible, bounded, and assigned to an owner?

SOURCE TO RESULT

Spindle: from authoritative source to result

The work stays explainable when source identity, transformation, decision, and hand-off remain visible between systems.



How to read this visual: follow a knowledge object with lineage through source to result.

BOUNDARY

Keep the basis visible as the work changes form

A source publishes a correction. Consent is withdrawn. A licence expires. A regulatory interpretation changes. Spindle follows the lineage: affected atoms and exports are identified, only the necessary checks rerun, knowledge that still qualifies stays available, and knowledge that should stop circulating is superseded, quarantined, or redacted.

A knowledge atom is one independently manageable unit of information. Its passport carries stable identity and content version, source and transformation lineage, supporting and contradicting evidence, quality and evidence trajectory, consent, licensing, retention and policy state, integrity signature and Merkle inclusion, and lifecycle state with supersession history.

- Identify
- Prepare
- Apply
- Review

QUESTION TO CARRY

Can the result still be connected to the exact basis that shaped it?

EVIDENCE PACKET

The evidence Spindle leaves with the work

Capture enough to explain the result, inspect authority, investigate failure, and make the next decision without rebuilding the story from memory.

How to read this visual: follow a knowledge object with lineage through evidence packet.

CONTEXT

Preserve the record needed by the next question

Suppose an insurer publishes a replacement policy. Spindle identifies the newer version, shows what changed, and stops presenting the old version as current. The previous document remains available as history, so an answer about an earlier decision can still be reconstructed correctly. The current answer changes without rewriting the past.

Spindle ingests, structures, verifies, governs, signs, versions, selects, and exports knowledge. It does not train, fine tune, serve, or deploy models. External systems consume Spindle exports and return evaluation results, corrections, or conflicts as new evidence events, which revalidate the knowledge layer without pretending to own the model lifecycle.

- Purpose
- Basis
- Authority
- Action

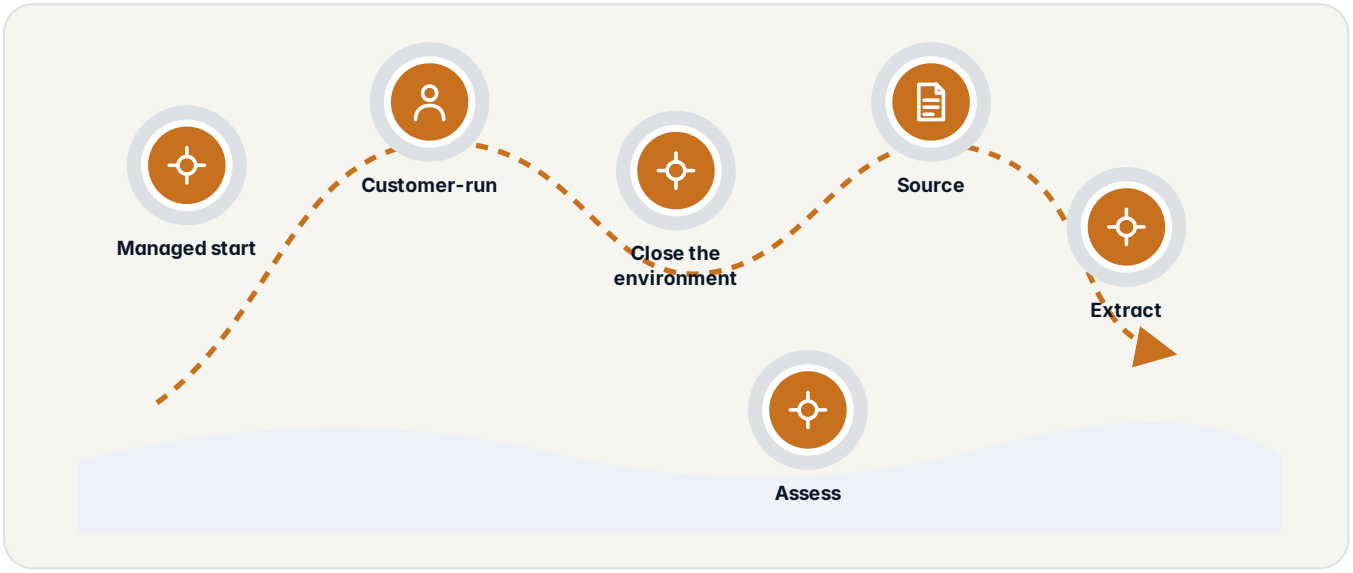
QUESTION TO CARRY

Does the retained record answer the next difficult question without reconstruction?

DEPLOYMENT CHOICE

Choose the operating posture for Spindle

Location is only one dimension. Decide who operates, who holds keys, which dependencies exist, how updates arrive, and what continuity requires.



How to read this visual: follow a knowledge object with lineage through deployment choice.

BOUNDARY

Compare operating responsibility, not location alone

Seven stages and hard gates exist for one reason: a fact that cannot be traced back to its source is not a fact. Spindle is a pipeline, not a pile. Each fact enters as a candidate and advances only when it meets the quality, consensus, and provenance requirements of the next stage. AI Act Article 10 compliance requires a quality score of 0.7 or above at the Certified gate. Consensus requires at least 3 independent sources with a diversity score of 0.6 or above (entropy-based). If a fact fails a gate it stays where it is, flagged with a reason. It does not leak into training or answers.

Source changes, consent withdrawals, licence changes, policy updates, and external corrections enter Spindle as lifecycle events. Forward lineage answers which atoms and exports depend on the event. Backward lineage reconstructs every source and transformation behind an atom. Only affected gates rerun, and the resulting transition is recorded.

- Begin through managed Fabric
- Run on customer infrastructure
- Close the environment
- Source

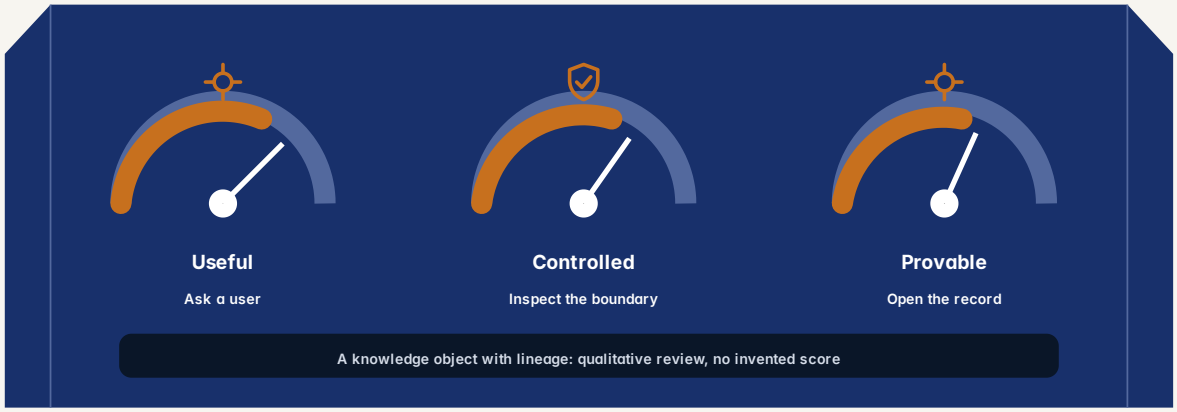
QUESTION TO CARRY

Who holds infrastructure, keys, updates, logs, recovery, and the exit path?

WHAT TO LOOK FOR

Signals that Spindle is earning trust

Progress is a useful outcome under understood control, supported by reviewable evidence.



How to read this visual: follow a knowledge object with lineage through what to look for.

CONTEXT

Use signals that can change the next decision

Useful answers should not arrive alone. Dweve Spindle keeps a receipt showing the source material, the relevant passage or record, when it was collected, and what happened to it before it was used. You can follow the answer back to its origin rather than being asked to trust a mysterious score.

Repeating the same claim across many websites does not make it independent evidence. Spindle traces information back to its origins, keeps conflicting versions visible, and tells Dweve when the available evidence is insufficient. It does not hide uncertainty to make an answer look cleaner.

- Useful
- Controlled
- Provable
- Source

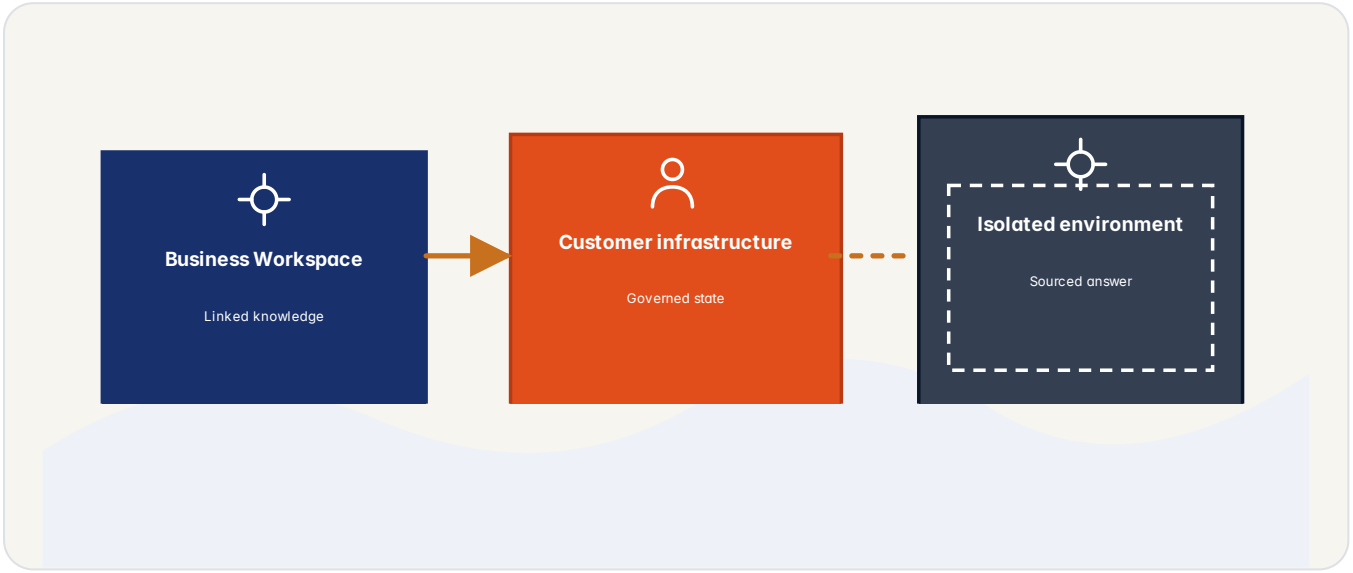
QUESTION TO CARRY

Which signals would change the next decision rather than merely impress the room?

HONEST LIMITS

Test how Spindle fails before the first success demo

Visible failure is more useful than a polished result whose limits remain unknown.



How to read this visual: follow a knowledge object with lineage through honest limits.

BOUNDARY

Design the failure before presenting the success

Spindle keeps useful knowledge in circulation, sends uncertain knowledge back for checking, and removes stale or withdrawn knowledge from current use. That is lossless knowledge in practical terms. Collect it. Check it. Use it. Keep it current.

Spindle keeps useful knowledge in circulation, sends uncertain knowledge back for checking, and removes stale or withdrawn knowledge from current use. That is Circular Knowledge in practical terms. Collect it. Check it. Use it. Keep it current.

- Lost origin
- Low quality
- Stale state

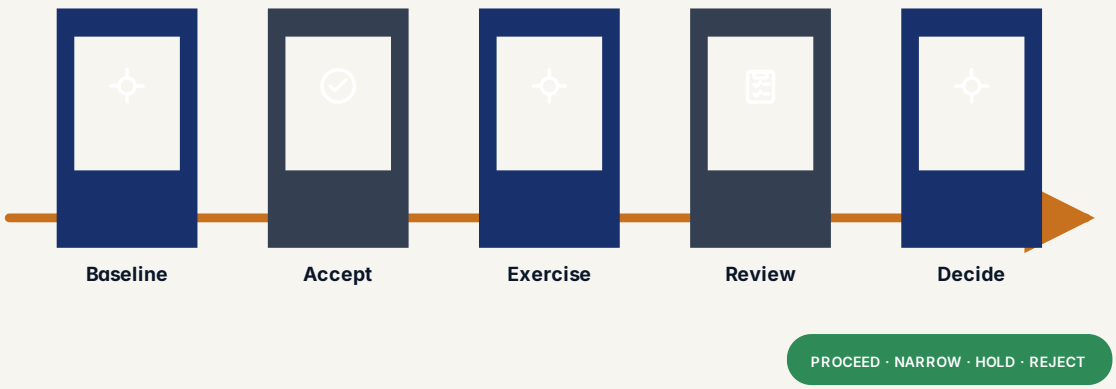
QUESTION TO CARRY

What happens when a source, permission, target, model, or supplier is unavailable?

ACCEPTANCE PATH

Close the Spindle proof with a decision

Agree the decision path before the demonstration so a strong or weak result can change what happens next.



How to read this visual: follow a knowledge object with lineage through acceptance path.

CONTEXT

Close the proof with an owned decision

When consent is withdrawn, a retention period ends, or information should no longer be used, Spindle removes it from managed circulation and records the change. It can identify which knowledge and exports it manages were affected, without pretending that copies outside the governed system can magically be erased.

An export was produced six months ago. Can you name every source behind it, every transformation, every verification decision, every policy result, and every consumer that depends on it today?

- Baseline
- Accept
- Exercise
- Review

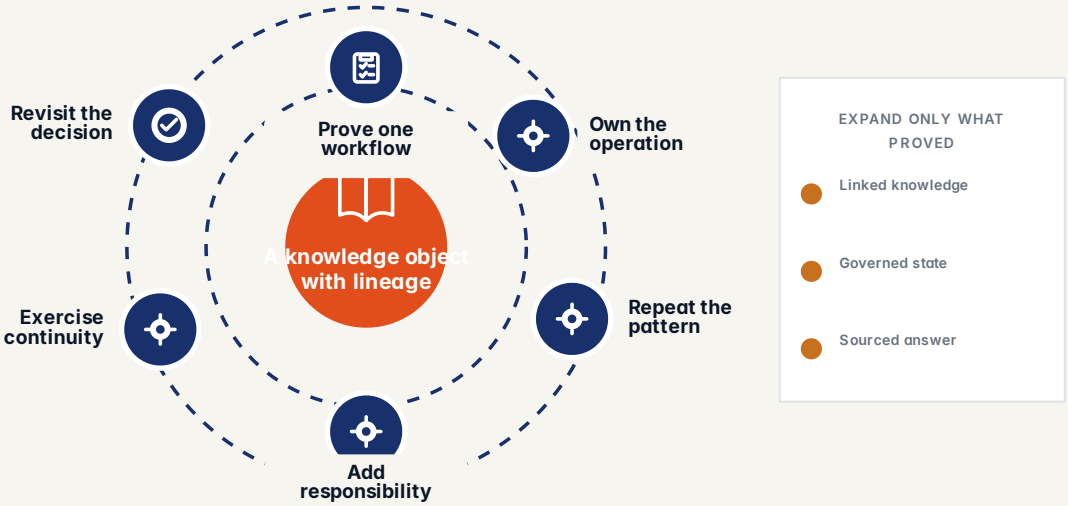
QUESTION TO CARRY

Are success, counter-metrics, failure cases, and stop conditions agreed first?

ADOPTION

Adopt Spindle through owned choices

Move from one bounded result to a repeatable operating capability without making the scope vague.



How to read this visual: follow a knowledge object with lineage through adoption.

BOUNDARY

Expand only what proved reusable

Spindle turns your sources into facts you can defend. An audit trail a regulator will read. Scope a pilot, map the integration into your existing knowledge systems, and see the lineage output before you commit.

Spindle is an epistemological state machine. Each fact advances through Candidate, Extracted, Analysed, Connected, Verified, Certified, Canonical, with explicit quality thresholds at every transition. Nothing reaches Canonical without clearing them. Entity resolution, multi-source consensus, 47-type bias detection, and full provenance on every atom.

- Prove one workflow
- Own the operation
- Repeat the pattern
- Add responsibility

QUESTION TO CARRY

What can be reused safely, and what requires a new decision and proof?

WHAT TO PREPARE

What to bring to the Spindle working session

A small amount of real context produces a better conversation than a broad catalogue of hypothetical features.

How to read this visual: follow a knowledge object with lineage through what to prepare.

KEEP IT BOUNDED

Sensitive production data is not required for the first conversation. Bring representative material and the rules that define a useful result.

CONTEXT

Bring enough reality to make the session useful

Recover source material. Separate claims, records, entities, and relationships. Refine structure, context, time, and quality. Assemble connections and dependency lineage. Prove claims against the required evidence policy. Steward rights, retention, and governance constraints. Circulate signed atoms through reproducible exports. Typed inputs, explicit outputs, recorded reasons, fail-closed gates.

The audit package is created as facts are certified, not assembled when the question arrives. Every item carries the source it came from, the rule applied at the gate, the certifier who signed off, and a replay path for the inspector.

- Bring one workflow
- Bring representative sources
- Agree the proof
- Source

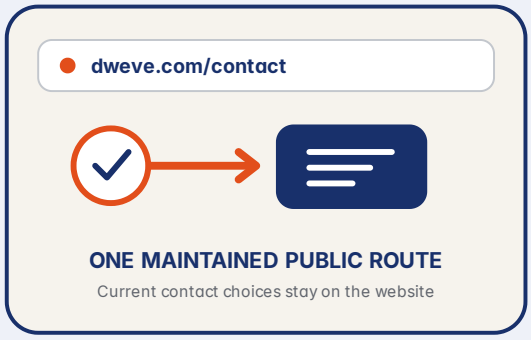
QUESTION TO CARRY

Which real sources, rules, owners, and examples will make the first session honest?

THE INVITATION

Continue the Spindle conversation

Scope a briefing, demonstration, or proof around the workflow and decision that matter to your organisation.



CONTINUE ONLINE

dweve.com/contact

Current route and contact choices

START A CONVERSATION

Continue through the current contact page

Scope a workflow or ask a technical question, then use the contact page to begin.

START	**dweve.com/contact**	Use the maintained public contact route
BRING	**One bounded question**	Workflow, audience, decision, and desired evidence
CHOOSE	**Briefing · demonstration · PoV**	Select the smallest useful next step
VERIFY	**Current scope and terms**	Confirm availability, pricing, and responsibilities before commitment

BOUNDARY

Turn the brochure into one bounded next step

When your team uses Spindle together, everyone draws from one verified pool. No more conflicting answers from different tools. When a document changes, the team is told. The conversation moves from who is right to what should we do.

Spindle turns your fragmented internal sources into a queryable knowledge base where provenance is attached to every fact. Seven stages, thirty-two specialised agents, one documented lineage from the original document to the answer. When the auditor asks where a number came from, the answer is already attached.

- Start: dweve.com/contact
- Bring: One bounded question
- Choose: Briefing · demonstration · PoV
- Verify: Current scope and terms

QUESTION TO CARRY

What is the smallest useful next conversation Dweve should prepare?