



THE INSPECT & CONTROL DATABASE FOR AI

Add AI control one layer down.

Today, hallucination control lives in the agentic layer — after the fact, paid per query. Aspected is a database you **add** to the stack you already run, putting inspect & control **in retrieval itself**: accurate at the first attempt, in one go. **Inspect it. Control it. Trust it. Instantly.**

A spin-out of **Xillio** — 22 years of enterprise content migration, trusted by 250+ clients including **NASA, KLM and Moody's**.

- US Patent
- Runs alongside Pinecone, pgvector, Weaviate & co.
- MCP-native

WHERE CONTROL LIVES TODAY

AI control happens one layer too late

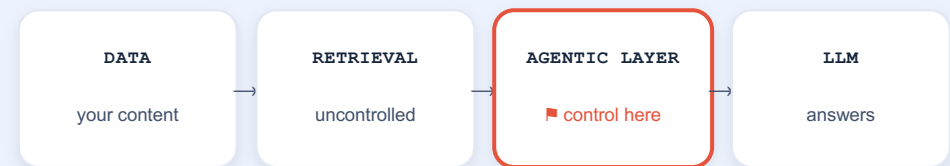
Every enterprise AI stack runs the same chain: your data, a retrieval step, an agentic layer, the model. Hallucination control lives in the **agentic layer** — because retrieval, as it exists today, **cannot be controlled**.

So every answer is checked **after the fact** — and every failed check means another retrieval, another round, more tokens.

If your AI feels slow, it isn't broken — **it's checking**. And you pay for every check.

In one sentence: **your AI token bill is a retrieval problem**.

YOUR AI STACK TODAY



Control after the fact: check the answer → not grounded → retrieve again → check again. Paid in latency and tokens, on every query — and sometimes still the wrong file.

WHAT ASPECTED ADDS

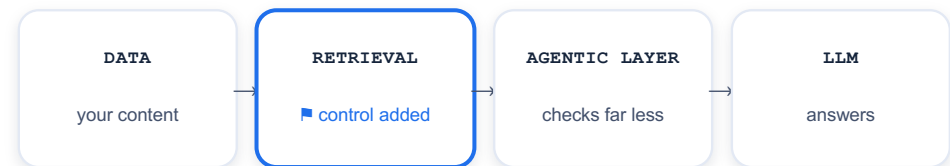
Add control at the retrieval layer

Aspected adds inspect & control where it wasn't possible before: **in retrieval itself**. The right context, verified, the first time.

So the answer is **accurate at the first attempt — in one go**. The agentic layer keeps its own control — it simply has far less to do: fewer checks, fewer retries, **dramatically fewer tokens**.

Add control one layer down, and everything above it gets faster and cheaper.

YOUR AI STACK WITH ASPECTED



Control at the source: the right context in, verifiably → the agentic layer confirms once → the answer, first attempt, one go.

THE FLAWS

Vectors and filters are two separate steps

Why couldn't retrieval be controlled until now? Two structural flaws — the agentic layer's checking exists to compensate for both.

FLAW 1

Two search methods fight each other

Vector search ranks by meaning; metadata filters cut by rules. Bolted together, they fight — **lots of back and forth between the two**, extra compute at every round, and often **still the wrong answer**.

FLAW 2

Observable — not inspectable

0.96

You can see it scored 0.96 on the vector. You **cannot inspect why** — nothing underneath the number to open, nothing inside it to steer.

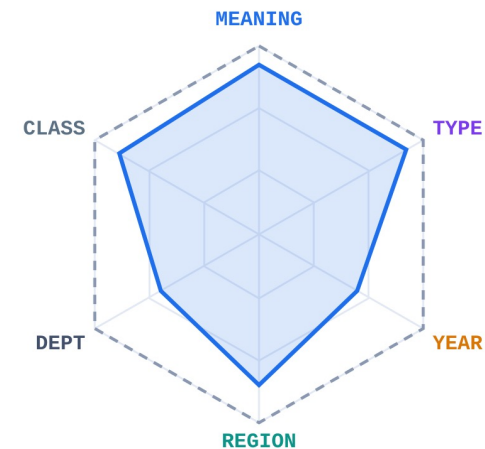
Turn metadata filters into aspects of a vector

Aspected is a **multi-aspect query index**: every metadata signal — type, year, region, classification — becomes an **aspect of the query itself**, graded alongside meaning.

One pass that includes all the signals — instead of several steps that fight.

And because every aspect is scored separately, every answer can show **why it scored** — per signal, on demand.

WHY THIS RECORD SCORED



Dashed = what the question asked. Solid = what this record offers. The distance between the two shapes is the explanation — the year miss is visible, and traded, not hidden in one number.

Inspectable, not just observable

MEANING ONLY

ONE ASPECT ON

ASPECTS FUSED

SAVE AS POLICY

MEANING: the text itself 40

TURN METADATA INTO ASPECTS

- TYPE: incident report
- REGION: DE
- CLASS: confidential
- YEAR: 2023
- AUTHOR: available
- DEPARTMENT: available

AI ANSWER · FROM #1
"a couple of breaches I think, nothing major", quoted from an internal email thread.
SOURCE: RE: that breach?? (email) **URGENT SOURCE**

#1 RE: that breach?? (email) 94

WHAT THE AI READS

- #2 FR_incident_report_2023.pdf 93
- #3 breach_policy_DRAFT.docx 88
- #4 DE_incident_report_2022.pdf **RIGHT DOCUMENT** 86
- #5 incident_report_2019.pdf 82
- #6 breach_policy_APPROVED.pdf 62

One question. Retrieval on meaning alone, like your AI today. Top result: an email thread.
The AI answers with office gossip, stated as fact. The right document is tagged gold, buried at #4.

The question: “confidential data-breach incident reports from the German office, 2023.” Retrieval on meaning alone, like your AI today. Top result: an email thread — office gossip, stated as fact. The right document is buried at #4. And for the first time, you can see that.

One aspect on — differently wrong

MEANING ONLY

ONE ASPECT ON

ASPECTS FUSED

SAVE AS POLICY

The screenshot shows a document analysis interface. On the left, a sidebar contains a slider for 'TYPE' set to 'incident report' (score 30). Below it are checkboxes for 'REGION' (DE), 'CLASS' (confidential), and 'YEAR' (2023). At the bottom is a radar chart with 'TYPE' and 'MEANING' axes. The main panel shows an 'AI ANSWER' for 'FROM #1' stating '4 data-breach incidents were reported in 2023, at the French office.' Below this is a list of documents with scores:

Document ID	Document Name	Score
#1	FR_incident_report_2023.pdf	96
#2	DE_incident_report_2022.pdf	92
#3	incident_report_2019.pdf	90
#4	breach_policy_DRAFT.docx	65
#5	RE: that breach?? (email)	58
#6	breach_policy_APPROVED.pdf	48

A dark overlay box at the bottom contains the text: 'Document type becomes an aspect. Reports rise, the email sinks. Closer, but this is the French office. One extra signal is not enough.'

Document type becomes an aspect. Reports rise, the email sinks — but the French report wins. Differently wrong: one extra signal is not enough. Inspection shows exactly which signal is still missing.

Aspects fused — right, and verified

MEANING ONLY

ONE ASPECT ON

ASPECTS FUSED

SAVE AS POLICY

MEANING the text itself

40

TURN METADATA INTO ASPECTS

TYPE incident report

30

REGION DE

30

CLASS confidential

YEAR 2023

AUTHOR available

DEPARTMENT available

TYPE

YEAR

MEANING

AI ANSWER · FROM #1

The German office logged 3 reportable data-breach incidents; root causes and remediation are documented in the official report.

SOURCE: DE_incident_report_2022.pdf RIGHT DOCUMENT

#1 DE_incident_report_2022.pdf

RIGHT DOCUMENT

94

WHAT THE AI READS

#2 incident_report_2019.pdf

93

#3 FR_incident_report_2023.pdf

67

#4 breach_policy_DRAFT.docx

64

#5 RE: that breach?? (email)

62

#6 breach_policy_APPROVED.pdf

52

Region joins. The right document takes #1 and the answer is correct.

The spider: dashed is what you asked, solid is what #1 delivers.

SAVE AS RETRIEVAL POLICY

Region joins — the right document takes #1, and you can verify why. The user asked 2023; the truth lives in 2022. A hard filter would have obeyed the mistake and deleted the right answer — an aspect is a dial, not a gate.

Save it as the retrieval policy

MEANING ONLY

ONE ASPECT ON

ASPECTS FUSED

SAVE AS POLICY

"confidential data-breach incident reports from the German office, 2023"

INCIDENT REPORTS ▾

MEANING the text itself 40

TURN METADATA INTO ASPECTS

TYPE incident report 30

REGION DE 30

CLASS confidential

YEAR 2023

AUTHOR available

DEPARTMENT available

TYPE

YEAR

CLASS

REGION

ask #1

SAVE AS RETRIEVAL POLICY

AI ANSWER · FROM #1

The German office logged 3 reportable data-breach incidents; root causes and remediation are documented in the official report.

SOURCE: DE_incident_report_2022.pdf RIGHT DOCUMENT

#1 DE_incident_report_2022.pdf RIGHT DOCUMENT 94

WHAT THE AI READS

#2 incident_report_2019.pdf 93

#3 FR_incident_report_2023.pdf 67

#4 breach_policy_DRAFT.docx 64

#5 RE: that breach?? (email) 62

#6 breach_policy_APPROVED.pdf 52

The fundamental step: control, made permanent. The dial settings that produced the right, verified answer become the standing retrieval policy. Every question from now on starts controlled — IT owns the policy, users and agents steer within it, an auditor can read it.

More signals, sharper answers

A question is never just meaning — it also says which year, which region, which type. Today's retrieval ranks on meaning alone and **filters whatever is left**. Aspected ranks on **all of it, in one ranking** — and every file already carries the matching metadata for free. **Every signal you add removes a way to be wrong.**

These are precisely the questions your legal, compliance, HR and finance teams ask all day — and where a **confidently wrong answer costs the most**.

0 of 16

shared top results between Aspected and a conventional vector stack — in an independent partner's **30-minute, self-built comparison on their own data**. A test you can rerun on your own content.

The straight path

Your AI token bill is a retrieval problem. Control at retrieval means the agentic layer has less to do: fewer checks, fewer retries. The patched pipeline pays three times for every question — **per query, forever.**

The straight path pays once: one query, one pass — **fewer tokens, fewer GPU cycles**, and less irrelevant context stuffed into the model.

“Aspected includes all context directly in the search query upfront. This enables immediate governance, cuts search times in half, and delivers maximum accuracy at lower cost.”

Wim Verheij · Managing Director · Novadoc Netherlands

PAY 1

An **oversized shortlist** — retrieved big enough to survive the filter

PAY 2

A **reranker model** — extra inference to repair the order

PAY 3

Re-query loops — to recover what the filter discarded

ONCE

Aspected: one query, one pass — the loop never starts

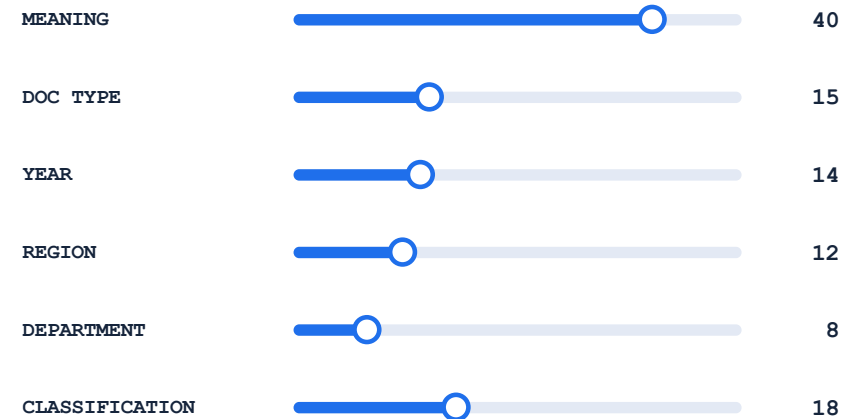
Hallucination control, as a dial

Weights are **dials, not code**. Put authority above similarity so the approved policy outranks seventeen near-identical drafts. Constrain by classification. Audit every answer's grounding.

Wrong document in means hallucination out — controlling retrieval is **the most direct control over hallucinations a stack has**.

IT sets the retrieval policy; a user or an agent can steer it per query; an auditor can read it. Change a weight, re-run, verify — in place.

ASPECTED SIGNAL WEIGHTS — YOUR RETRIEVAL POLICY



Retrieval as policy, not luck. An aspect is a dial, not a gate — it can favour without deleting, so a wrong guess in the question doesn't destroy the right answer.

The everyday questions, on content as it is

“Latest HR policy?” works on **day one**, on the estate exactly as it stands: stale content demotes itself on recency, drafts lose to approved versions, the wrong region falls away — **the mess demotes itself**.

The “clean up your content first” project that structurally never finishes — **no longer needed**. We say that with some authority: we’ve watched it not finish for 22 years across a thousand migrations.

Cleanup is still worth doing — to cut storage cost and compliance risk. Just **no longer the reason to postpone AI**.

What this means for your programme

No six-month remediation phase in front of the AI rollout. No taxonomy committee. No dependency on the one department that never tags its files. Point Aspected at your content **exactly as it is today** — and let ranking do what scrubbing was supposed to.

One knowledge layer, across where your knowledge resides

Your knowledge doesn't live in one system. It lives in Microsoft 365 *and* the DMS, the file shares, the archive nobody dares to touch — each with its own search, each with its own idea of relevance.

Aspected is **one knowledge layer across all of it**: 60+ connectors, one index, **unified aspects across the full estate** — the same dials, the same inspectable ranking everywhere.

One question, asked once, answered from **everything you have** — with the reason visible per signal, wherever the document came from.

WHERE IT READS FROM

Microsoft 365 / SharePoint

File shares

DMS & ECM systems

Knowledge bases

Archives & records

60+ connectors



One knowledge layer

One retrieval policy · one set of dials · one inspectable ranking
Connectors delivered through **Xillio** as implementation partner.

Copilot today. Tomorrow, wherever you go next.

Aspected is **MCP-native** — the open protocol every serious agent speaks. In a Microsoft tenant, Copilot routes questions to it from the first query. On AWS, a Bedrock Agent reaches it exactly the same way.

That makes the knowledge layer **independent of the assistant on top of it**. Assistants will change — pricing, licensing, your own strategy. Your retrieval policy, your dials, your index: those stay yours.

Cloud or fully on-premises, in your VPC. **Sovereignty isn't a special mode; it's a deployment choice.**

THE SAME LAYER, ANY AGENT

TODAY

Microsoft Copilot — an MCP server in your tenant, live the same day

TODAY

Bedrock Agents, your own RAG — same container, same protocol

NEXT

Whatever comes next — the layer outlives the assistant choice

HOW YOU ADOPT IT

Add a database. Don't rebuild a stack.

Nothing is migrated, nothing is decommissioned. You **add one container, compare on your own content, and route only what wins:**

STEP 1

Add it

One container next to the store you already run — an MCP server any agent can reach. A deployment, not a project: **live the same day** — and from September, one click from **AWS Marketplace**.

STEP 2

Compare on your own content

Onboarding is a benchmark: your ten worst queries against your current retrieval and Aspected, side by side. About thirty minutes. **The results do the arguing.**

STEP 3

Let results decide the routing

Over MCP, your agent routes each question to the method that answers it best — context-heavy questions to Aspected, the rest wherever they're already well served. **Your call, earned by evidence.**

FROM THE FIELD

Don't take our word for it

"Aspected has added the context Microsoft Copilot needed. The answers are now perfectly aligned with how we organize and use our information."

Rob Kasslack · IT Business Partner, AI & Innovation · Agfa

"Aspected includes all context directly in the search query upfront. This enables immediate governance, cuts search times in half, and delivers maximum accuracy at lower cost."

Wim Verheij · Managing Director · Novadoc Netherlands

"Aspected stood up in 30 minutes and gave us a way to actually see retrieval quality side by side instead of guessing — which immediately exposed a gap in our own baseline."

Andy Copland · CGA Management

"You guys are purely unique in this space... there's your ROI, isn't it?"

Tom Lane · Content Management Lead · Capgemini UK

• US Patent · PCT filed

• Independent TNO evaluation underway

• A Xillio spin-out · 22 years

WHAT IT COSTS

Per user. Humans and agents alike. (EUR)

Workplace

€5 / user / month

IT deploys Aspected into your tenant — inspect & control on your Microsoft 365 content, from day one.

Knowledge Layer

€7.50 / user / month

Coverage across the whole estate: 60+ connectors to your DMS, KM and file systems.

Cockpit

€10 / user / month

Dials for every user — helping the LLM instead of letting it loose. Every user controls their own token spend, per question, inside the chat.

Inspect & control included at every tier — never gated. Fair use of 30 GB indexed content per user, pooled; no telemetry — the only number needed is a headcount. Agents count as users: **+20 agents on Knowledge Layer = +€150**. And **Aspected Cockpit Free** is free forever: one user, your own content, full dials — up to 250,000 indexed records.

Worked example at your scale: **500 users on Knowledge Layer = €3,750/month**. Cockpit runs at roughly **a third of a Copilot seat** — for the layer that makes the Copilot investment inspectable.

WHAT IT COSTS

Per user. Humans and agents alike. (USD)

Workplace

\$6 / user / month

IT deploys Aspected into your tenant — inspect & control on your Microsoft 365 content, from day one.

Knowledge Layer

\$9 / user / month

Coverage across the whole estate: 60+ connectors to your DMS, KM and file systems.

Cockpit

\$12 / user / month

Dials for every user — helping the LLM instead of letting it loose. Every user controls their own token spend, per question, inside the chat.

Inspect & control included at every tier — never gated. Fair use of 30 GB indexed content per user, pooled; no telemetry — the only number needed is a headcount. Agents count as users: **+20 agents on Knowledge Layer = +\$180**. And **Aspected Cockpit Free** is free forever: one user, your own content, full dials — up to 250,000 indexed records.

Worked example at your scale: **500 users on Knowledge Layer = \$4,500/month**. Cockpit runs at roughly **a third of a Copilot seat** — for the layer that makes the Copilot investment inspectable.

THE NEXT STEP

Bring us your ten worst queries.

Thirty minutes, on your own content, side by side with what you run today. Nothing installed in production, nothing migrated, nothing to undo. **The results do the arguing — and either way, you leave knowing exactly why your retrieval ranks the way it does.**

Try it on your own content

sales@aspected.com · aspected.com

SEPTEMBER

Try it **free on AWS Marketplace** — your account, your content, no sales call required.

• US Patent • Runs alongside your stack • MCP-native