

Whitepaper

# **Why Enterprise AI often fails and how to fix It**

**Six situations where Aspected for Copilot adds  
immediate value**

## Your Copilot project isn't delivering the results you expected

### The fastest path to better Copilot results

Many organizations selected Microsoft Copilot as the fastest route toward enterprise AI.

The expectation was clear:

- Employees would find information faster
- Productivity would improve
- AI would reduce operational overhead
- Microsoft 365 investments would generate additional value

But after deployment, many organizations discover that the reality is more complicated.

Many organizations expected Copilot itself to solve the problem.

In practice, the quality of the AI answers is determined by the quality of the underlying knowledge layer.

Users complain that:

- Answers are inconsistent
- Important documents are missed
- Results depend heavily on phrasing
- AI cannot be trusted consistently
- SharePoint environments suddenly need major cleanup

As a result, organizations often face a difficult choice:

- Accept disappointing AI results  
or
- Start expensive and disruptive transformation projects

At the same time, replacing Copilot is rarely realistic.

The Microsoft investment is already made. Users are already familiar with the interface.

Introducing another AI platform creates additional cost, complexity, and adoption challenges.

### Aspected for Copilot is the shortest path to better AI results.

Instead of replacing Microsoft Copilot, Aspected improves the knowledge layer underneath it.

The improvement happens underneath the hood:

- No new user interface
- No replacement of Microsoft 365
- No retraining of employees
- No large-scale migration project
- No multi-year SharePoint cleanup initiative



Organizations continue using:

- Microsoft Copilot
- SharePoint
- Microsoft 365
- Existing workflows

While Aspected improves how enterprise knowledge is prepared, retrieved, and grounded for AI systems. This allows organizations to:

- Improve AI effectiveness faster
- Reduce retrieval inconsistencies
- Increase trust in AI answers
- Avoid large transformation projects
- Achieve measurable improvements with lower implementation risk

At the core of the solution is the Aspected Database — a new retrieval architecture designed specifically for enterprise AI environments.

## Six situations where Aspected for Copilot adds immediate value



**SharePoint  
not clean**



**Accuracy  
&  
Consistency**



**More than  
just  
SharePoint**



**Lower Costs**



**More Control**



**Flexibility  
&  
Choice**

### 1. Your SharePoint environment is not perfectly clean

Many organizations discover that Copilot performs best when SharePoint environments are extensively cleaned, restructured, and enriched with metadata.

In practice, this quickly becomes a major challenge.

Organizations struggle with:

- Duplicate documents
- Outdated versions
- Inconsistent metadata
- Fragmented ownership
- Uncertainty about what can safely be deleted

As a result, AI initiatives often slow down before they generate business value.

**Aspected reduces the dependency on perfectly cleaned SharePoint environments.**

Instead of relying only on text similarity, Aspected understands multiple dimensions of a request simultaneously — including meaning, context, urgency, time, and intent.

This allows organizations to improve AI effectiveness without waiting for large cleanup programs to finish first.

**2. You need more accurate and consistent answers**

One of the biggest frustrations with enterprise AI is inconsistency.

Users often notice that:

- Answers change depending on phrasing
- Relevant information is missed
- Near-relevant documents are not surfaced
- Prompts need to be retried multiple times

Traditional retrieval systems primarily search for similar text.

That sounds logical, but in practice it often creates silent retrieval failure:

the AI responds confidently while important information was never retrieved.

**Example**

A user searches for: *“wooden meeting table”*

The document describes the product as: *“MDF conference furniture”*

Traditional vector search may completely miss the result because the wording differs.

Aspected improves retrieval by understanding broader meaning and context instead of relying only on text similarity.

This results in:

- More accurate retrieval
- Fewer missed documents
- More reliable AI answers
- Less prompt retrying
- Greater trust in AI systems

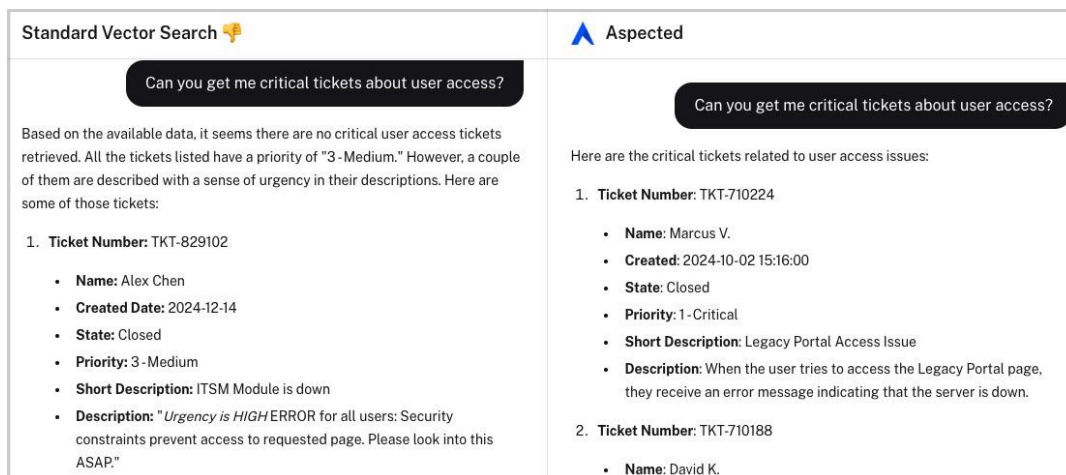


Figure 1. Comparing Standard Vector Search and Aspected Search

### 3. You want AI to work across more than SharePoint

Many organizations want Copilot and AI agents to work across:

- SharePoint
- File shares
- ECM systems
- External repositories
- Business applications

Aspected acts as an AI knowledge infrastructure layer that can unify retrieval across multiple systems. This allows organizations to expand AI usage without introducing fragmented retrieval experiences.

### 4. You Want Lower AI Infrastructure Costs

AI infrastructure is increasingly moving toward consumption-based pricing.

Traditional RAG architectures often require:

- Multiple retrieval passes
- Metadata filtering
- Reranking
- Repeated prompt attempts

This increases:

- Token usage
- Latency
- Infrastructure costs
- Architectural complexity

**Aspected** resolves retrieval in a single unified query.

By reducing reranking and retrieval overhead, organizations can significantly improve efficiency while simplifying the underlying architecture.

TNO (the Dutch Research Organization) is currently evaluating the exact efficiency gains in independent research scenarios.

### 5. You Need More Control Over Retrieval

For many organizations, AI retrieval has become difficult to explain and control.

The AI produces an answer, but it is often unclear:

- Why information was selected
- Why documents were missed
- How retrieval decisions were made

Aspected gives organizations more visibility and control over the knowledge layer underneath AI systems. This is especially important in:

- Regulated industries
- Healthcare
- Financial services
- Government environments
- Enterprise knowledge workflows

## 6. You Want Flexibility Beyond A Single AI Vendor

Many organizations are concerned about becoming too dependent on a single AI ecosystem.

Aspected is designed as an open AI knowledge infrastructure layer.

Through the open Model Context Protocol (MCP), Aspected can integrate with multiple AI models and agents, including:

- Microsoft Copilot
- OpenAI
- Anthropic
- Cohere
- Sovereign AI environments



This gives organizations:

- More flexibility in AI strategy
- Reduced vendor lock-in
- Greater control over infrastructure choices
- The ability to evolve independently as the AI market changes

## Built for Enterprise AI

**Aspected sits between enterprise content systems and AI agents.**

Aspected is already running in production environments and is currently used underneath Microsoft SharePoint and Microsoft Copilot deployments.

The platform is designed for organizations that require:

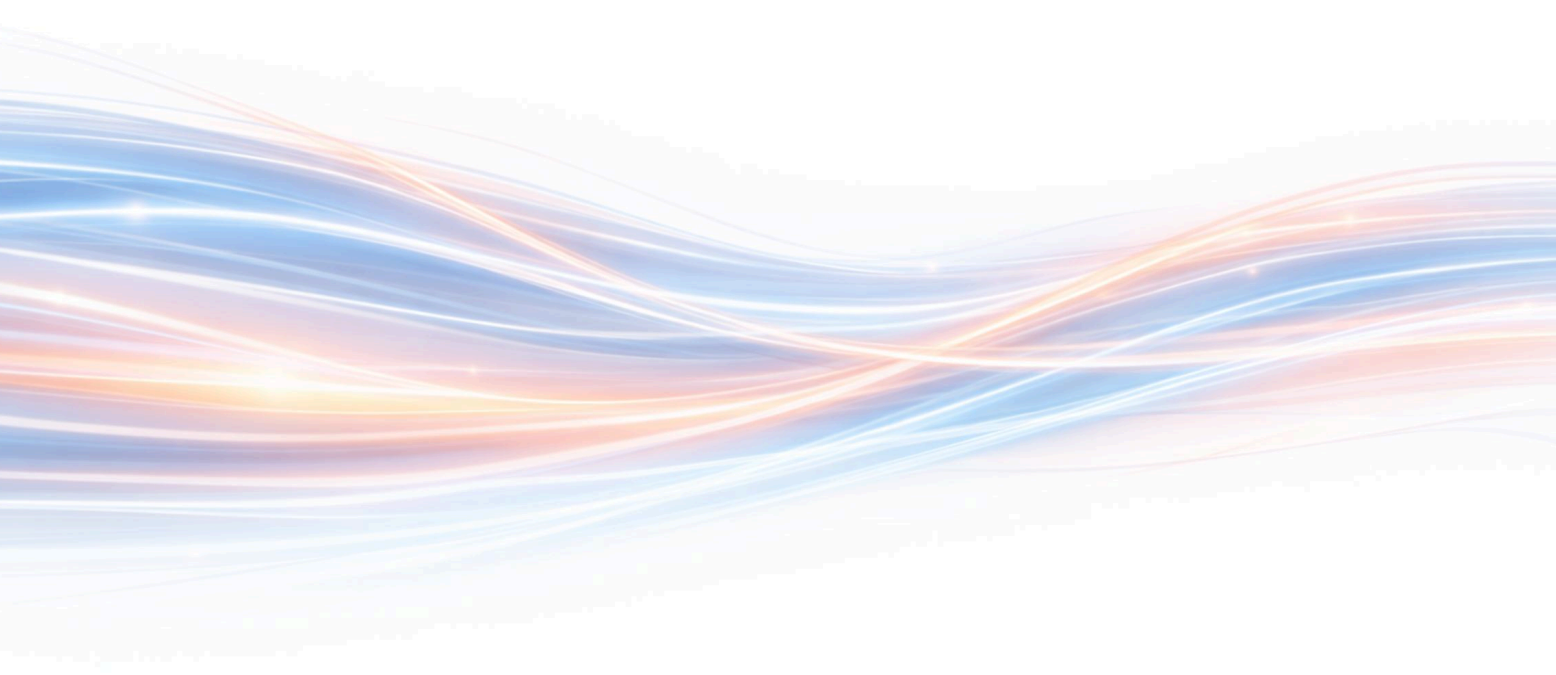
- Reliable AI retrieval
- Faster AI adoption
- Lower implementation risk
- Better control over enterprise knowledge
- Flexibility across AI ecosystems

## About Aspected

Aspected is an Enterprise AI knowledge infrastructure platform developed by Xillio.

More information:

<https://aspected.com>



**Learn more or schedule a session with our experts?**

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