Stop Searching, Start Finding:

Your Guide to AI-Powered Enterprise Search

love your **data**

Table of Content

Unlock the Power of AI Agents and Search to Drive Real Business Impact

Employees are drowning in data and applications. Over time, enterprises have become increasingly complex, sprawling, and siloed. Data is fragmented and spread across siloed teams and departments, leading to inconsistent search experiences and a drain on productivity. Employees struggle to navigate this application maze, which impacts their ability to do their jobs and ultimately hinders business growth.

This complex environment is a result of legacy systems, rapid data growth, and lack of integration. But with data sitting in silos, and with enterprise data spread across hundreds of applications — many of which aren't integrated — it impacts an organisation's ability to serve its customers. It can also pose a privacy risk if proper access controls aren't in place.

Intelligent enterprise search and AI agents offer a powerful framework for tackling these challenges head-on. Agentspace, for example, is a powerful managed service offering from Google that combines Gemini's advanced reasoning and Google-quality search with enterprise data. By integrating with both first-party and third-party data connectors, it allows for seamless data retrieval and enhanced search in a single user interface.

However, while AI has long promised to streamline operations and boost efficiency, many companies have struggled to realize a positive return on their investment. The key lies in understanding how to leverage AI effectively to address the core issues of integration and automation. This eBook will explain how you can find quick value, onboard users, and start seeing results.

The Hidden Cost of Disconnected Data

Employees across teams and departments need reliable access to enterprise data to make decisions and take actions. The inability to quickly find or access the information they need can be a major cost to the business—employees lose time searching for information versus producing output.

The average company juggles over 1,000 applications, according to a recent Salesforce report. Yet, a mere 29% of those are integrated. This translates into an enormous loss of productivity: Sales professionals spend almost three-quarters of their time (71%) on non-selling tasks, bogged down by administrative overhead and manual data entry.

With too many applications at their fingertips, employees don't know where to get the information they need. Since many applications aren't integrated, and each application has a different user interface and search algorithm, it takes time and effort to get a relevant result. Employees often have to check the same information in multiple tools and applications.

Lack of centralized search, inconsistent search experiences across applications, and the inability to perform actions within the same interface lead to challenges in discoverability, usability, and result quality. The impact of these issues on employee productivity and decision-making is profound.

The Salesforce report found that 89% of employees search across six different sources to find the information they need. AI alone isn't the answer. More than half (54%) of respondents also found that AI solutions struggle with context. While the emergence of AI has promised to solve these challenges, enterprises are struggling to implement these solutions, gain employee buy-in, and derive a positive return on investment (ROI).

Pythian

love your **data**

Powering Smarter Work with Intelligent Search

Inefficient search hinders the ability of employees to find and leverage critical information, leading to delayed decisions, inaccurate insights, and missed opportunities. Enterprise search, combined with AI agents, is the starting point for creating an intelligent connected enterprise that can resolve these issues.

By seamlessly integrating applications and data stores, intelligent enterprise search provides a single, unified interface for advanced, personalized search. At the heart of these solutions lies advanced machine learning algorithms, driving intelligent automation and insightful data analysis.

This empowers employees to offload repetitive, mundane tasks and automate increasingly complex processes, freeing them to focus on higher-value work. Examples where intelligent enterprise search could be used in your enterprise include:

- **Sales:** Stay informed about your customers, industry, and competitors, so you can move faster along the sales pipeline.

- **Marketing:** Generate marketing content, analyze and optimize campaign performance, and adjust campaigns without manual effort.

- **Human resources:** Find answers to HR questions such as benefits and onboarding, and execute actions with employee permission.

- **Software teams:** Proactively find and fix bugs, automate engineering processes and development tasks, and analyze data to optimize codebases.

Pythian

love your **data**

How Google Agentspace is Changing the Game

Your enterprise already has search capabilities, such as Gemini in Google Workspace and enterprise search in third-party products like Salesforce and ServiceNow. Plus, employees may be using an intranet like SharePoint with its own search capabilities So why Agentspace?

Imagine a Google-like search experience for your entire enterprise. Agentspace, Google's AI-powered search, addresses the limitations of traditional search methods by integrating first-party and third-party applications. This creates a single point of access to all enterprise data, so employees can effortlessly search across multiple knowledge stores, ask questions in natural language, and receive relevant, contextual responses.

The Salesforce report found that 65% of employees want workflow tools over chatbots. What makes AI agents different from chatbots or traditional AI is their ability to use machine learning to drive intelligent automation and insightful data analysis.

Traditional large language models (LLMs) such as Gemini and ChatGPT focus on predicting text-based answers, while AI agents can interact with their environment. AI agents can collect data, 'understand' business issues, make decisions, and take action to achieve predetermined goals, with minimal human intervention. In other words, AI agents don't just generate responses — they take action.

Here's how Agentspace stacks up against traditional enterprise search:

- **Advanced search:** Unlike other forms of enterprise search, Agentspace offers a unified search interface that works across Google Workspace products (including Drive, Gmail, Calendar, and Meet), integrates with first-party connectors (such as Cloud Storage and BigQuery) and integrates with third-party connectors (such as SharePoint, Salesforce, and ServiceNow).

- **Contextual responses:** Agentspace uses intent-based search versus keyword-based search, which sets it apart from other enterprise search tools. That means it can understand the context of a request, so it can provide relevant and contextual search results rather than simply running a search based on a keyword.

- **Action-oriented capabilities:** Agentspace doesn't just return a laundry list of answers to a search query, which may or may not be relevant. It generates a summary from multiple sources with citations, provides results grounded in enterprise and web data, and uses conversational mode for follow-up questions, so users can dig deeper into the data.

Pythian

love your **data**

Accelerating Your Journey with Pythian's Agentspace QuickStart

Agentspace can be a game-changer for your enterprise. But, like any new technology, there's the potential for low adoption and, therefore, a poor return on investment. That's because pricing is per user — not on usage. That's where Pythian can help.

With Pythian's Agentspace QuickStart, your enterprise will be up and running with Agentspace in just four weeks. Pythian will help you identify and prioritize use cases, take the lead on development and testing efforts, and quickly demonstrate the value proposition of Agentspace. This process also allows employees to get familiar with intelligent search capabilities and conversational assistance.

The true power of intelligent enterprise search can be realized when enterprises connect applications rather than searching in individual applications. As part of QuickStart, Pythian works with you to select use cases that are cross-system in nature to see higher adoption rates — so your return on investment will increase along with an increase in the number of connected applications.

Here's How it Works:

Week 1: Discovery and Solution Design

Pythian's team of experts will walk you through Agentspace and identify relevant use cases specific to your industry. From there, we'll design a solution architecture for high-priority use cases and applications. Use cases will include search across identified applications as well as assistant actions on those applications, which can be taken directly through Agentspace. Use cases, along with a sample set of questions and expected answers, will guide the architectural decisions.

Weeks 2 & 3: Solution Development

We'll work on the solution design in a target environment, with two development sprints of one week each.
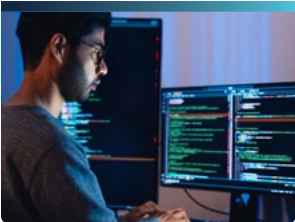
Week 4: Testing and optimization

We'll test the solution with your teams, incorporating user feedback to optimize the solution. We'll show the efficacy of enterprise search on Agentspace through mutually agreed-upon success criteria. We'll also transfer knowledge to your teams, so they have all the tools they need to run the solution in a production environment.

Post-production

Pythian's team of experts can support roll-out and change management to boost user adoption. This includes Agentspace training sessions and transformation workshops. While Agentspace provides some out-of-the-box functionality, Pythian can also work with your teams to build custom agents for more advanced capabilities.

- **AI Agent Workshop:** The rapid evolution of AI has led to confusion and uncertainty, particularly when it comes to understanding AI agents. Our AI Agent Workshop provides clarity, empowering enterprises to understand the potential of these powerful tools to improve productivity. This workshop can be delivered as a standalone session or integrated with our broader Generative AI workshop.

- **Create Custom AI Agents - Tailored Automation for Your Business** The true power of Agentspace lies in its customizability. Pythian specializes in building bespoke AI agents tailored to your specific requirements. From defining the agent's objectives to architecting the solution and leveraging advanced ML models with fine-tuned prompt engineering, we handle every aspect of the development process. We also establish a performance baseline using your existing workflows to accurately measure ROI.

Pythian   love your **data**

Empowering Your Workforce with Intelligent Search

By embracing intelligent enterprise search and AI agents, enterprises can break free from the shackles of siloed systems and unlock the true potential of their workforce. As a premier Google Cloud partner, Pythian can help you set up Agentspace, onboard users, and drive adoption — empowering you to create a connected, intelligent enterprise and drive sustainable growth.

Contact us today

Learn more about how we can help you transform your business.

Pythian

love your **data**

About Pythian

Founded in 1997, Pythian is a data and analytics services company that helps organizations transform how they compete and win by helping them turn data into valuable insights, predictions, and products. From cloud automation to machine learning, Pythian designs, implements, and supports customized solutions to the toughest data challenges.

© Pythian Services Inc. 2025

Contact us

+1-866-798-4426 | info@pythian.com | Linkedin | X

Offices

Ottawa, Canada

Minneapolis, USA

New York City, USA

London, England

Hyderabad, India

Bangalore, India

love your data

Pythian